Děkanovi Fakulty chemické technologie

Vysoké školy chemicko-technologické v Praze

Návrh na zahájení řízení ke jmenování profesorem

pro obor Anorganická technologie

Jméno: PD Ing. Petr Krtil, CSc.

Rodné číslo: xxxxx

Bydliště: xxxxx
Pracoviště: Ústav fyzikální chemie J. Heyrovského, v.v.i. AV
ČR

Návrh písemně podpořili:

1. **Prof. RNDr. Zdeněk Samec, DrSc.**
2. **Prof. Dr. Rer. Nat., Martin Hof**
3. **Prof. Marc T. M. Koper**

Ke svému návrhu přikládám (podle § 74, odst. 2 zákona č. 111/1998 Sb., o vysokých školách a o změně a doplnění dalších zákonů) v písemné a elektronické formě:

1. **Soubor v nerozebíratelné úpravě obsahující**
   a) životopis,
   b) přehled pedagogické a odborné činnosti,
   c) přehled vědeckých a odborných prací, vynálezecké a realizační činnosti, odborně-společenské aktivity, mezinárodní spolupráce, domácích a zahraničních stáží a nejvýznamnějších tvůrčích aktivit,
   d) stručný pedagogický projekt.
2. **Dále ke svému návrhu přikládám[1]:**
   - doklady o dosaženém vysokoškolském vzdělání a získaných titulech,
   - doklad o habilitačním řízení.

Datum: Podpis:

[1] *Doklady se předkládají na děkanát fakulty k nahlédnutí v originále či jako úředně ověřené kopie a vracejí se zpět uchazeči.*

Obsah

1. Životopis

1.1. Osobní údaje

Jméno:	Petr Krtil
Rodné příjmení:	Krtil
Datum narození:	xxxxx 1967
Místo narození:	xxxxx
Bydliště:	xxxxx

1.2. Vzdělání

1981-1985	Gymnázium Praha 3, Sladkovského náměstí 8 Úplné střední všeobecné zakončené maturitní zkouškou
1985-1990	Vysoká škola chemicko-technologická, Fakulta chemické technologie, obor Technologie silikátů, Magisterské studium zakončeno obhajobou Diplomové práce na téma: „Elektrická vodivost keramiky na bázi oxidu zirkoničitého“
1990-1993	Interní aspirantura Ústav fyzikální chemie J. Heyrovského, AV ČR, studium zakončeno obhajobou Kandidátské práce na téma“ „Anodická stabilita vybraných aprotických rozpouštědel“
2012	Habilitace v oboru Fyzikální chemie, Fakultät für Naturwissenschaften und Mathematik, Technische Universität Dresden, Habilitační práce: “ Selective anodic electrocatalysis on Ru based oxides“

1.3. Průběh praxe

1990-1993	„interní aspirant“, Ústav fyzikální chemie J. Heyrovského, AV ČR
1993-1999	„vědecký pracovník“, Ústav fyzikální chemie J. Heyrovského, AV ČR
1994	„postdoktorand“, Department of Chemistry, University of New York at Buffalo, Buffalo, NY, USA
1997	„postdoktorand“, Materials and Structures Laboratory, Tokyo Institute of Technology, Nagatsuta, Midori, Yokohama, Japan
1999-	„vedoucí vědecký pracovník“, Ústav fyzikální chemie J. Heyrovského, AV ČR

2. Pedagogická činnost

2.1. Přehled

Předmět (typ studia- magisterské, bakalářské, doktorské)	Rozsah (hod/týden)	Počet semestrů	Druh (P, C, L)	Zkoušeno studentů
Elektrochemie in Mikro- Nano-dimensionen (Magisterské studium Modul MRC-04 TU Dresden)	2	10	P	30
Elektrokatalyse (Magisterské studium Modul MRC-04 TU Dresden)	2	9	P	27

2.2. Vedení studentů

Obhájené bakalářské práce: 0

Obhájené diplomové práce: 2

Obhájené doktorské dizertační práce: 11 - 8 jako školitel, 3 jako školitel specialista

Ing. Hana Krýsová, VŠCHT-FCHT, 2001, Fotoelektrochemický rozklad organických látek v odpadních a pitných vodách.

Ing. Hana Hoffmannová, VŠCHT-FCHI, 2005, Elektrochemické a in-situ gravimetrické studium tenkých kapalných filmů.

Ing. Jakub Jirkovský, VŠCHT - FCHT, 2008, Vliv velikosti, tvaru a vnitřní struktury částic na elektrochemické chování nanokrystalického RuO_2 a Ru-Co-O oxidu.

Mgr. Tereza Kostlánová, PřF UK, 2008, Li-Ti-O oxidy jako potenciální inzerční elektrodové materiály – nízkoteplotní příprava.

Piotr Ochal*, NTNU Trondheim, 2012, Carbon-supported Ru @ Pt Core-shell Catalyst for Low Temperature Fuel Cells.

Elizaveta Kuznetsova*, NTNU Trondheim, 2014, Structure, Selectivity and Electrocatalytic Activity of Iridium-Based Oxides for Oxygen Evolution.

Danel Francis Abbott*, Northeastern University, Boston, 2016, The Rational Design of Selective Electrocatalysts for Renewable Energy Devices

Rebecca Katharina Pittkowski, VŠCHT-FCHT, 2020, Advanced oxygen evolving catalysts with local structure control

Ing. Roman Nebel, VŠCHT-FCHT, 2021, Rational design of oxide based electrode materials for photo-electro-catalytic applications

Riccardo Marina, VŠCHT-FCHT, 2021, Industrial electrode for oxygen evolution

DJ Donn Mattienzo, VŠCHT-FCHT, 2021, Innovative anode materials for industrial alkaline water electrolysis

Práce označené * vedl uchazeč jako školitel specialista

Současné doktorské dizertační práce: 1

Vladislav Buravet, VŠCHT-FCHT, CO_2 reduction on non-metal electrodes

2.3. Autorství učebních textů a pomůcek, další pedagogické aktivity

Elektrochemie in Mikro- Nano-dimensionen – elektronický učební text pro odpovídající předmět v rámci magisterského studia TU Dresden
Elektrokatalyse – elektronický učební text pro odpovídající předmět v rámci magisterského studia TU Dresden

Účast ve zkušebních komisích pro obhajoby Doktorských prací:
2011 Danish Technical University
2016 Northeastern University
2020 Leiden University

2.4. Inovační přínos pro pedagogickou práci

Ačkoliv hlavní aktivita uchazeče v pedagogické oblasti směřovala na vedení závěrečných prací studentů magisterského a zejména doktorského studia, podařilo se uchazeči rovněž vybudovat program navzájem navazujících pokročilých kurzů v oboru elektrochemie pro studenty magisterského a doktorského studia. Koncepčně tyto kurzy staví na klasickém přístupu k termodynamice a kinetice elektrodových procesů a tyto základy pak aplikuje do dvou principiálních oblastí – elektroanalytické chemie a do oblasti technologicky relevantní elektrokatalýzy. Teoretické základy vyložené v počátku kurzů jsou následně demonstrovány na relevantních publikacích z poslední doby. To zesiluje aktuální zaměření a vede studenty k analytickému a kritickému hodnocení informací.

2.5. Pedagogický projekt

Uchazeč plánuje zachovat pedagogickou aktivitu vzhledem k odbornému vedení studentů (především doktorského studia) v nezměněném rozsahu. Zároveň plánuje přenést hlavní část svých pedagogických aktivit na VŠCHT zejména kurz dedikovaný elektrokatalýze, který seznámí studenty s nejnovějšími trendy v oboru založenými na kombinaci mechanistického přístupu klasické elektrochemie s postupy běžnými při charakterizaci povrchů a povrchových reakcí s teoretickými kvantově chemickými postupy.

3. Vědecká aktivita

3.1. Přehled vědecko-výzkumných a inovačních aktivit

Přehled publikačních aktivit, účasti na konferencích, grantových projektech, udělených patentech a technické realizační činnosti

	Aktivita	**Počet**	**Z toho ve světovém jazyce**	**SC[2]**	**Suma IF/SJR[3]**
1.	Vědecké práce v impaktovaných časopisech evidovaných v databázi Web of Science (WoS)	87	87	3541	437.5
2.	Vědecké práce v časopisech evidovaných v databázi Scopus, které nejsou uvedené v databázi Web of Science	0	0	0	0
3.	Vědecké práce v dalších časopisech s recenzním řízením	0	0	0	0
4.	Kapitoly v monografiích, monografie[4]	0	0	0	0
5.	Články v časopisech bez recenzního řízení, články ve sbornících	**0**	**0**	0	0
	CELKEM 1 – 5	**87**	**87**	**3541**	***437.5***

	Aktivita	**Počet**
6.	Osobně přednesené přednášky v zahraničí a na mezinárodních konferencích	*55*
7.	Spoluautorství ostatních přednášek a posterů na mezinárodních konferencích	41
8.	Osobně přednesené přednášky na národních konferencích	1
9.	Spoluautorství ostatních přednášek a posterů na národních konferencích	0
	CELKEM 6 – 9	
10.	Odpovědný řešitel zahraničních grantů a projektů	***5***
11.	Odpovědný řešitel domácích grantů a projektů	***6***
12.	Spoluřešitel[5] zahraničních grantů a projektů	*1*
13.	Spoluřešitel domácích grantů a projektů	*0*
	CELKEM 10 – 13	12

[2] Suma citací bez autocitací dle příslušné databáze (pro WoS s nastavením All Databases)
[3] Poslední známý IF resp. SJR časopisu
[4] Pro SC se uvádí suma citací bez autocitací dle WoS s nastavením All Databases
[5] Spoluřešitel je osoba, která je spolupříjemci grantu zodpovědná za odbornou část projektu.

	Aktivita	**Počet**
14.	Udělené evropské nebo mezinárodní patenty (EPO, WIPO), patenty USA a Japonska	2
15.	Udělené české nebo jiné národní patenty, které jsou využívány na základě platné licenční smlouvy	0
16.	Udělené české nebo jiné národní patenty, které jsou využívány jen vlastníkem patentu, nebo nejsou využívány	0
17.	Autorství realizovaného komplexního technického díla s udaným společenským přínosem	0
18.	Poloprovozy, ověřené technologie	0
19.	Užitné a průmyslové vzory, prototypy, funkční vzorky, software	0
	CELKEM 14 – 19	2

3.2. Vědecké práce v impaktovaných časopisech evidovaných v databázi Web of Science

ResearcherID: https://orcid.org/0000-0001-8447-1333

1. Krtil, P.; The use of infrared-spectroscopy in the study of electrochemical systems insitu. *Chemické Listy* **1992**, *86* (10), 724-733. IF=0.381 , Počet citací: 0
2. Krtil, P.; Kavan, L.; Novak, P.; Oxidation of acetonitrile-based electrolyte-solutions at high potentials - an in-situ fourier-transform infrared-spectroscopy study. *Journal of the Electrochemical Society* **1993**, *140* (12), 3390-3395. IF=4.316 , Počet citací: 48

   Citováno v:
   Huang, Yilun; Weng, Mouyi; Gong, Qianming; Du, Kai; Wang, Dazhi; Zhang, Shijun; Wu, Changjiang; Zhao, Ming; Zhuang, Daming; Zhu, Hongwei; Nan, Ce-wen: *ACS APPLIED MATERIALS & INTERFACES*, 2021, 13, 39379-39393
   Kartha, Thejus R.; Mallik, Bhabani S.: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2021, 125, 7231-7240
   Ranninger, Johanna; Mayrhofer, Karl J. J.; Berkes, Balazs B.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 13254-13263
   Kurzweil, Peter; Schottenbauer, Josef; Schell, Christian: *JOURNAL OF ENERGY STORAGE*, 2021, 35, -
   Jung, Sung-Kyun; Hwang, Insang; Chang, Donghee; Park, Kyu-Young; Kim, Sung Joo; Seong, Won Mo; Eum, Donggun; Park, Jooha; Kim, Byunghoon; Kim, Jihyeon; Heo, Jae Hoon; Kang, Kisuk: *CHEMICAL REVIEWS*, 2020, 120, 6684-6737
   Nguyen, Hoai Van T.; Bin Faheem, Abdullah; Kwak, Kyungwon; Lee, Kyung-Koo: *JOURNAL OF POWER SOURCES*, 2020, 463, -
   Park, Habin; Yong, Hansol; Jung, Jongwon; Jung, Cheolsoo: *CHEMELECTROCHEM*, 2019, 6, 4418-4428
   Sarang, Kasturi T.; Miranda, Andrea; An, Hyosung; Oh, Eun-Suok; Verduzco, Rafael; Lutkenhaus, Jodie L.: *ACS APPLIED POLYMER MATERIALS*, 2019, 1, 1155-1164
   Oberem, Elisabeth; Roesel, Arend F.; Rosas-Hernandez, Alonso; Kull, Tobias; Fischer, Steffen; Spannenberg, Anke; Junge, Henrik; Beller, Matthias; Ludwig, Ralf; Roemelt, Michael; Francke, Robert: *ORGANOMETALLICS*, 2019, 38, 1236-1247
   Francke, Robert; Schille, Benjamin; Roemelt, Michael: *CHEMICAL REVIEWS*, 2018, 118, 4631-4701
   Lee, Youngju; Chung, Jeawon; Jung, Cheolsoo: *ELECTROCHIMICA ACTA*, 2017, 253, 59-67
   Meister, Paul; Qi, Xin; Kloepsch, Richard; Kraemer, Elisabeth; Streipert, Benjamin; Winter, Martin; Placke, Tobias: *CHEMSUSCHEM*, 2017, 10, 804-814
   Huang, Yilun; Zhao, Yang; Gong, Qianming; Weng, Mouyi; Bai, Junfei; Liu, Xi; Jiang, Yanqi; Wang, Junjie; Wang, Dazhi; Shao, Yang; Zhao, Ming; Zhuang, Daming; Liang, Ji: *ELECTROCHIMICA ACTA*, 2017, 228, 214-225
   Rosas-Hernandez, Alonso; Junge, Henrik; Beller, Matthias; Roemelt, Michael; Francke, Robert: *CATALYSIS SCIENCE & TECHNOLOGY*, 2017, 7, 459-465
   Kim, Ju-Sik; Kim, Ryoung-Hee; Yun, Dong-Jin; Lee, Seok-Soo; Doo, Seok-Gwang; Kim, Dong Young; Kim, Hyunjin: *ACS APPLIED MATERIALS & INTERFACES*, 2016, 8, 26657-26663
   Jaeckel, N.; Weingarth, D.; Schreiber, A.; Kruener, B.; Zeiger, M.; Tolosa, A.; Asian, M.; Presser, V.: *ELECTROCHIMICA ACTA*, 2016, 191, 284-298

Kim, Ju-Sik; Chang, Won-Seok; Kim, Ryoung-Hee; Kim, Dong-Young; Han, Dong-Wook; Lee, Kyu-Hyoung; Lee, Seok-Soo; Doo, Seok-Gwang: *JOURNAL OF POWER SOURCES*, 2015, 273, 210-215
Hu, Changzheng; Qu, Weiguo; Rajagopalan, Ramakrishnan; Randall, Clive: *JOURNAL OF POWER SOURCES*, 2014, 272, 90-99
Hantel, M. M.; Nesper, R.; Wokaun, A.; Koetz, R.: *ELECTROCHIMICA ACTA*, 2014, 134, 459-470
Gallus, Dennis Roman; Schmitz, Rene; Wagner, Ralf; Hoffmann, Bjoern; Nowak, Sascha; Cekic-Laskovic, Isidora; Schmitz, Raphael Wilhelm; Winter, Martin: *ELECTROCHIMICA ACTA*, 2014, 134, 393-398
Alwis, L. K. H. K.; Mucalo, Michael R.; Ingham, Bridget: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2013, 160, H803-H812
Bittner, A. M.; Zhu, M.; Yang, Y.; Waibel, H. F.; Konuma, M.; Starke, U.; Weber, C. J.: *JOURNAL OF POWER SOURCES*, 2012, 203, 262-273
Ruch, P. W.; Cericola, D.; Foelske-Schmitz, A.; Koetz, R.; Wokaun, A.: *ELECTROCHIMICA ACTA*, 2010, 55, 4412-4420
Cheng, Jun; Jandik, Petr: *ELECTROCHEMISTRY COMMUNICATIONS*, 2009, 11, 1615-1617
Huguenin, Fritz; Torresi, Roberto M.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2008, 112, 2202-2209
Waldrup, S. Beau; Williams, Christopher T.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2008, 112, 219-226
Lee, Hochun; Kim, Soojin; Jeon, Jongho; Cho, Jeong-Ju: *JOURNAL OF POWER SOURCES*, 2007, 173, 972-978
Ortiz-Hernandez, Ivelisse; Williams, Christopher T.: *LANGMUIR*, 2007, 23, 3172-3178
Ortiz-Hernandez, I; Owens, DJ; Strunk, MR; Williams, CT: *LANGMUIR*, 2006, 22, 2629-2639
D´Elia, Luis F.; Ortíz, R.: *Portugaliae Electrochimica Acta*, 2005, 23, 481-490
Dokko, K; Matsushita, T; Kanamura, K: *ELECTROCHEMISTRY*, 2005, 73, 54-59
Delville, MH; Barbut, D; Wattiaux, A; Grenier, JC; Etourneau, J: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2004, 151, J69-J75
Kavan, L; Dunsch, L: *CHEMPHYSCHEM*, 2003, 4, 944-950
Chou, KC; Kim, J; Baldelli, S; Somorjai, GA: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2003, 554, 253-263
Baldelli, S; Mailhot, G; Ross, P; Shen, YR; Somarjai, GA: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2001, 105, 654-662
Winter, M; Besenhard, JO; Spahr, ME; Novak, P: *ADVANCED MATERIALS*, 1998, 10, 725-763
Krtil, P; Kavan, L; Macounová, K: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 1997, 433, 187-193
Klima, J; Kratochvilova, K; Ludvik, J: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 1997, 427, 57-61
Morin, S; Conway, BE; Edens, GJ; Weaver, MJ: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 1997, 421, 213-220
Novak, P; Muller, K; Santhanam, KSV; Haas, O: *CHEMICAL REVIEWS*, 1997, 97, 207-281
Kanamura, K; Toriyama, S; Shiraishi, S; Ohashi, M; Takehara, Z: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 1996, 419, 77-84
McKelvy, ML; Britt, TR; Davis, BL; Gillie, JK; Lentz, LA; Leugers, A; Nyquist, RA; Putzig, CL: *ANALYTICAL CHEMISTRY*, 1996, 68, R93-R160
Krtil, P; Kavan, L; Hoskovcova, I; Kratochvilova, K: *JOURNAL OF APPLIED ELECTROCHEMISTRY*, 1996, 26, 523-527
Marinkovic, NS; Hecht, M; Loring, JS; Fawcett, WR: *ELECTROCHIMICA ACTA*, 1996, 41, 641-651
FAN, QB; NG, LM: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 1995, 398, 151-157
KRATOCHVILOVA, K; HOSKOVCOVA, I; JIRKOVSKÝ, J; KLIMA, J; LUDVIK, J: *ELECTROCHIMICA ACTA*, 1995, 40, 2603-2609
SCHLOTTIG, F; SCHRECKENBACH, J; DIETRICH, D; HOFMANN, A: *APPLIED SURFACE SCIENCE*, 1995, 90, 129-136
KAVAN, L; KRTIL, P; GRATZEL, M: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 1994, 373, 123-131

3. Hlavatý, J.; Papež, V.; Kavan, L.; Krtil, P.; Electrochemical polymerization of n-alkenylpyrroles. *Synthetic Metals* **1994**, *66* (2), 165-168. IF=3.266 , Počet citací: 12

Citováno v
Singh, Rajinder; Choudhary, Ram Bilash; Kandulna, Rohit: JOURNAL OF MOLECULAR STRUCTURE, 2018, 1156, 633-644.
Chen, Yongqiang; Zhao, Zhiwei; Zhang, Chengxiang: SYNTHETIC METALS, 2013, 163, 51-56.
Pfeiffer, Peter; Armelin, Elaine; Estrany, Francesc; del Valle, Luis; Cho, Liu Yao; Aleman, Carlos: JOURNAL OF POLYMER RESEARCH, 2008, 15, 225-234.
Omrani, A; Sabzyan, H: JOURNAL OF PHYSICAL CHEMISTRY A, 2005, 109, 8874-8879.
Vasil'tsov, AM; Schmidt, EY; Mikhaleva, AI; Zorina, NV; Zaitsev, AB; Petrova, OV; Krivdin, LB; Petrushenko, KB; Ushakov, IA; Pozo-Gonzalo, C; Pomposo, JA; Grande, HJ: TETRAHEDRON, 2005, 61, 7756-7762.
Ge, DT; Wang, JX; Wang, SC: PROGRESS IN CHEMISTRY, 2003, 15, 456-461.
Wang, LX; Li, XG; Yang, YL: REACTIVE & FUNCTIONAL POLYMERS, 2001, 47, 125-139.
Shen, YQ; Wan, MX: SYNTHETIC METALS, 1998, 98, 147-152.
Shen, YQ; Wan, MX: SYNTHETIC METALS, 1998, 96, 127-132.
Shen, YQ; Wan, MX: JOURNAL OF APPLIED POLYMER SCIENCE, 1998, 68, 1277-1284.
Shen, YQ; Wan, MX: JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, 1997, 35, 3689-3695.
Ibison, P; Foot, PJS; Brown, JW: SYNTHETIC METALS, 1996, 76, 297-300.

4. Kavan, L.; Krtil, P.; Gratzel, M.; In-situ ftir study of anodic photoreactions at the n-TiO_2 (anatase) electrode in aprotic electrolyte-solutions. *Journal of Electroanalytical Chemistry* **1994**, *373* (1-2), 123-131. IF=4.464 , Počet citací: 19

   Citováno v:
   Tatsumi, Hitomi; Sasahara, Akira; Tomitori, Masahiko: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2013, 117, 10410-10416.
   Kavan, Ladislav: *CHEMICAL RECORD*, 2012, 12, 131-142.
   Kavan, Ladislav: *INTERNATIONAL JOURNAL OF NANOTECHNOLOGY*, 2012, 9, 652-679.
   Harikisun, Ravi; Desilvestro, Hans: *SOLAR ENERGY*, 2011, 85, 1179-1188.
   Samiolo, L.; Valigi, M.; Gazzoli, D.; Amadelli, R.: *ELECTROCHIMICA ACTA*, 2010, 55, 7788-7795.
   Dokko, K; Matsushita, T; Kanamura, K: *ELECTROCHEMISTRY*, 2005, 73, 54-59.
   Wang, ZX; Huang, XJ; Chen, LQ: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2003, 150, A199-A208.
   Chazalviel, JN; Erne, BH; Maroun, F; Ozanam, F: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2001, 509, 108-118.
   Johnston, CT; Premachandra, GS: *LANGMUIR*, 2001, 17, 3712-3718.
   Chazalviel, JN; Erne, BH; Maroun, F; Ozanam, F: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2001, 502, 180-190.
   Itoh, T; Anzue, N; Mohamedi, M; Hisamitsu, Y; Umeda, M; Uchida, I: *ELECTROCHEMISTRY COMMUNICATIONS*, 2000, 2, 743-748.
   Christensen, PA; Eameaim, J; Hamnett, A: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 1999, 1, 5315-5321.
   Krtil, P; Kavan, L; Macounová, K: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 1997, 433, 187-193.
   Klima, J; Kratochvilova, K; Ludvik, J: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 1997, 427, 57-61.
   Kanamura, K; Toriyama, S; Shiraishi, S; Ohashi, M; Takehara, Z: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 1996, 419, 77-84.
   Krtil, P; Kavan, L; Hoskovcova, I; Kratochvilova, K: *JOURNAL OF APPLIED ELECTROCHEMISTRY*, 1996, 26, 523-527.
   KRATOCHVILOVA, K; HOSKOVCOVA, I; JIRKOVSKÝ, J; KLIMA, J; LUDVIK, J: *ELECTROCHIMICA ACTA*, 1995, 40, 2603-2609.
   KAVAN, L; KRATOCHVILOVA, K; GRATZEL, M: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 1995, 394, 93-102.
   KRATOCHVILOVA, K; KLIMA, J; LUDVIK, J: *CHEMICKE LISTY*, 1995, 89, 470-479.

5. Sajdl, B.; Micka, K.; Krtil, P.; Study of the rechargeable manganese-dioxide electrode. *Electrochimica Acta* **1995**, *40* (12), 2005-2011. IF=6.901 , Počet citací: 20

   Citováno v:
   Lim, Matthew B.; Lambert, Timothy N.; Chalamala, Babu R.: *MATERIALS SCIENCE & ENGINEERING R-REPORTS*, 2021, 143, -.
   Wang, Mingqiang; Emre, Ahmet; Tung, Siuon; Gerber, Alycia; Wang, Dandan; Huang, Yudong; Cecen, Volkan; Kotov, Nicholas A.: *ACS NANO*, 2019, 13, 1107-1115.
   Yadav, Gautam G.; Wei, Xia; Huang, Jinchao; Turney, Damon; Nyce, Michael; Banerjee, Sanjoy: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2018, 43, 8480-8487.
   Yadav, Gautam G.; Wei, Xia; Gallaway, Joshua W.; Chaudhry, Zeeshan; Shin, Amy; Huang, Jinchao; Yakobov, Roman; Nyce, Michael; Vanderklaauw, Nikhil; Banerjee, Sanjoy: *MATERIALS TODAY ENERGY*, 2017, 6, 198-210.
   Yadav, Gautam G.; Gallaway, Joshua W.; Turney, Damon E.; Nyce, Michael; Huang, Jinchao; Wei, Xia; Banerjee, Sanjoy: *NATURE COMMUNICATIONS*, 2017, 8, -.
   Jalili, Seifollah; Goliaei, Elham Moharramzadeh; Schofield, Jeremy: *JOURNAL OF SOLID STATE CHEMISTRY*, 2017, 246, 388-398.
   Jiang, Shulan; Shi, Tielin; Liu, Dan; Long, Hu; Xi, Shuang; Wu, Fengshun; Li, Xiaoping; Xia, Qi; Tang, Zirong: *JOURNAL OF POWER SOURCES*, 2014, 262, 494-500.
   Benhangi, P. Hosseini; Alfantazi, A.; Gyenge, E.: *ELECTROCHIMICA ACTA*, 2014, 123, 42-50.
   Zhao, Yongfu; Si, Shihui; Wang, Lu; Liao, Cui; Tang, Ping; Cao, Huijun: *JOURNAL OF POWER SOURCES*, 2014, 248, 962-968.
   Li, Xiaofeng; Li, Zheng; Xia, Tongchi; Dong, Huichao; Song, Yanhua; Wang, Lizhen: *JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS*, 2012, 73, 1229-1234.
   Minakshi, Manickam; Singh, Pritam: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2012, 16, 2227-2233.
   Wang, Qian; Pan, Junqing; Sun, Yanzhi; Wang, Zihao: *JOURNAL OF POWER SOURCES*, 2012, 199, 355-359.
   Choi, Bokkyu; Lee, Sunmook; Fushimi, Chihiro; Tsutsumi, Atsushi: *ELECTROCHIMICA ACTA*, 2010, 55, 8771-8778.
   Minakshi, Manickam; Blackford, Mark G.; Thorogood, Gordon J.; Issa, Touma B.: *ELECTROCHIMICA ACTA*, 2010, 55, 1028-1033.

Long, Jeffrey W.; Sassin, Megan B.; Fischer, Anne E.; Rolison, Debra R.; Mansour, Azzam N.; Johnson, Valencia S.; Stallworth, Phillip E.; Greenbaum, Steve G.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 17595-17598.
Minakshi, Manickam: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2009, 13, 1209-1214.
Minakshi, Manickam; Nallathamby, Kalaiselvi; Mitchell, David R. G.: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2009, 479, 87-90.
Pan, Junqing; Sun, Yanzhi; Wang, Zihao; Wan, Pingyu; Fan, Maohong: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2009, 470, 75-79.
Minakshi, Manickam; Mitchell, David R. G.: *JOURNAL OF APPLIED ELECTROCHEMISTRY*, 2009, 39, 1-5.
Minakshi, Manickam; Mitchell, David R. G.: *ELECTROCHIMICA ACTA*, 2008, 53, 6323-6327.
Minakshi, Manickam; Mitchell, David R. G.; Prince, Kathryn: *SOLID STATE IONICS*, 2008, 179, 355-361.
Minakshi, Manickam; Singh, Pritam; Carter, Melody: *ELECTROCERAMICS IN JAPAN X*, 2007, 350, 159-+.
Yang Wenjian; Li Juan; Zhang Xiaogang: *INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE*, 2006, 1, 181-188.
Pan, JQ; Sun, YZ; Wan, PY; Wang, ZH; Liu, XG: *ELECTROCHIMICA ACTA*, 2006, 51, 3118-3124.
Larcher, D; Courjal, P; Urbina, RH; Gerand, B; Blyr, A; du Pasquier, A; Tarascon, JM: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 1998, 145, 3392-3400.
Correia, AN; Machado, SAS; Avaca, LA: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 1997, 439, 145-151.
Tong, QS; Lian, JM: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 1997, 144, 4110-4118.
Bode, M; Cachet, C; Bach, S; PereiraRamos, JP; Ginoux, JC; Yu, LT: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 1997, 144, 792-801.
Wu, BL; Lincot, D; Vedel, J; Yu, LT: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 1997, 420, 159-165.
Schlorb, H; Bungs, M; Plieth, W: *ELECTROCHIMICA ACTA*, 1997, 42, 2619-2625.

6. Bruckenstein, S.; Brzezinska, K.; Krtil, P.; Hillman, A. R.; EQCM studies of ion and neutral species transfers in conducting polymers. *Abstracts of Papers of the American Chemical Society* **1996**, *212*, 5-ANYL. IF=0 , Počet citací: 0

7. Krtil, P.; Kavan, L.; Hoskovcova, I.; Kratochvilova, K.; Anodic oxidation of dimethyl sulfoxide based electrolyte solutions: An in situ FTIR study. *Journal of Applied Electrochemistry* **1996**, *26* (5), 523-527. IF=2.8 , Počet citací: 22

Citováno v:
Lehnherr, Dan; Lam, Yu-hong; Nicastri, Michael C.; Liu, Jinchu; Newman, Justin A.; Regalado, Erik L.; DiRocco, Daniel A.; Rovis, Tomislav: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2020, 142, 468-478.
Natsui, Keisuke; Hosomi, Tomoko; Ikemiya, Norihito; Einaga, Yasuaki: *ENVIRONMENTAL TECHNOLOGY & INNOVATION*, 2019, 15, -.
Trotter, Katherine D.; Owojaiye, Olawale; Meredith, Stuart P.; Keating, Pat E.; Spicer, Mark D.; Reglinski, John; Spickett, Corinne M.: *BIOMETALS*, 2019, 32, 627-640.
Li, Yang; Wang, Xiaogang; Dong, Shanmu; Chen, Xiao; Cui, Guanglei: *ADVANCED ENERGY MATERIALS*, 2016, 6, -.
Singh, Sudeep; Srivastava, Vimal Chandra; Gautam, Sanjay: *INTERNATIONAL JOURNAL OF CHEMICAL REACTOR ENGINEERING*, 2016, 14, 539-545.
Qing, Rui; Liu, Li; Kim, Hansoo; Sigmund, Wolfgang M.: *ELECTROCHIMICA ACTA*, 2015, 180, 295-306.
Schroeder, Marshall A.; Kumar, Nitin; Pearse, Alexander J.; Liu, Chanyuan; Lee, Sang Bok; Rubloff, Gary W.; Leung, Kevin; Noked, Malachi: *ACS APPLIED MATERIALS & INTERFACES*, 2015, 7, 11402-11411.
Qing, Rui; Liu, Li; Bohling, Christian; Sigmund, Wolfgang: *JOURNAL OF POWER SOURCES*, 2015, 274, 667-675.
Yoshimura, Akihiro; Takai, Madoka; Matsuno, Yasunari: *HYDROMETALLURGY*, 2014, 149, 177-182.
Qing, Rui; Sigmund, Wolfgang: *CERAMICS INTERNATIONAL*, 2014, 40, 5665-5669.
Mozhzhukhina, Nataliia; Mendez De Leo, Lucila P.; Julio Calvo, Ernesto: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2013, 117, 18375-18380.
Tanaskovic, Vladimir; Pasti, Igor; Mentus, Slavko: *INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE*, 2013, 8, 6243-6251.
Alwis, L. K. H. K.; Mucalo, Michael R.; Ingham, Bridget: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2013, 160, H803-H812.
Kurmaz, V.A.; Kotkin, A.S.; Simbirtseva, G.V.: *Vestnik Moskovskogo universiteta. Seriya 2: Khimiya*, 2013, 54, 321-329.
Huang, Sin-Jhang; Lin, Yu-Cheng; Lin, Jong-Liang: *CHEMICAL PHYSICS LETTERS*, 2012, 549, 17-21.
Komarova, Natal'ya S.; Krivenko, Alexander G.; Ryabenko, Alexander G.; Naumkin, Alexander V.; Stenina, Elena V.; Sviridova, Liana N.: *CARBON*, 2012, 50, 922-931.
Kavan, Ladislav: *CHEMICAL RECORD*, 2012, 12, 131-142.
Kavan, Ladislav: *INTERNATIONAL JOURNAL OF NANOTECHNOLOGY*, 2012, 9, 652-679.
Chazalviel, JN; Erne, BH; Maroun, F; Ozanam, F: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2001, 509, 108-118.

Chazalviel, JN; Erne, BH; Maroun, F; Ozanam, F: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2001, 502, 180-190.
Krtil, P; Kavan, L; Macounová, K: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 1997, 433, 187-193.

8. Krtil, P.; Kavan, L.; Fattakhova, D.; Insertion of lithium into mesoscopic anatase electrodes - an electrochemical and in-situ EQCM study. *Journal of Solid State Electrochemistry* **1997**, *1* (1), 83-87. IF=2.647 , Počet citací: 24

Citováno v:
Kavan, Ladislav: *CATALYSIS TODAY*, 2019, 328, 50-56.
Sanchez-Tovar, R.; Blasco-Tamarit, E.; Fernandez-Domene, R. M.; Lucas-Granados, B.; Garcia-Anton, J.: *JOURNAL OF CATALYSIS*, 2017, 349, 41-52.
Chong, Erica Q.; Lingerfelt, David B.; Petrone, Alessio; Li, Xiaosong: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2016, 120, 19434-19441.
Kavan, Ladislav: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2014, 18, 2297-2306.
Kang, Unseock; Park, Hyunwoong: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2013, 140, 233-240.
Kavan, Ladislav: *CHEMICAL RECORD*, 2012, 12, 131-142.
Kavan, Ladislav: *INTERNATIONAL JOURNAL OF NANOTECHNOLOGY*, 2012, 9, 652-679.
Kirillov, S. A.; Lisnycha, T. V.; Chernukhin, S. I.: *JOURNAL OF POWER SOURCES*, 2011, 196, 2221-2226.
Pfanzelt, Manuel; Kubiak, Pierre; Hoermann, Ute; Kaiser, Ute; Wohlfahrt-Mehrens, Margret: *IONICS*, 2009, 15, 657-663.
Lindsay, M. J.; Skyllas-Kazacos, M.; Luca, V.: *ELECTROCHIMICA ACTA*, 2009, 54, 3501-3509.
Kubiaka, P.; Geserick, J.; Huesing, N.; Wohfahrt-Mehrens, A.: *JOURNAL OF POWER SOURCES*, 2008, 175, 510-516.
Lana-Villarreal, Teresa; Boschloo, Gerrit; Hagfeldt, Anders: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2007, 111, 5549-5556.
Fattakhova-Rohlfing, Dina; Wark, Michael; Brezesinski, Torsten; Smarsly, Bernd M.; Rathousky, Jiri: *ADVANCED FUNCTIONAL MATERIALS*, 2007, 17, 123-132.
Kostlánová, Tereza; Dědeček, Jiri; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2007, 52, 1847-1856.
Zhong, KJ; Zhao, GL; Hu, YB; Mao, Y; Wei, WZ; Liu, XY: *CHINESE JOURNAL OF ANALYTICAL CHEMISTRY*, 2005, 33, 931-934.
Falaras, P; Xagas, AP: *JOURNAL OF MATERIALS SCIENCE*, 2002, 37, 3855-3860.
Fattakhova, D; Krtil, P: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2002, 149, 0-0.
van de Krol, R; Goossens, A; Meulenkamp, EA: *JOURNAL OF APPLIED PHYSICS*, 2001, 90, 2235-2242.
Stathatos, E; Lianos, P; Falaras, P: *TRENDS IN COLLOID AND INTERFACE SCIENCE XV*, 2001, 118, 96-99.
Dang, XJ; Massari, AM; Hupp, JT: *ELECTROCHEMICAL AND SOLID STATE LETTERS*, 2000, 3, 555-558.
Krtil, P; Fattakhova, D; Kavan, L; Burnside, S; Gratzel, M: *SOLID STATE IONICS*, 2000, 135, 101-106.
Hengerer, R; Kavan, L; Krtil, P; Gratzel, M: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2000, 147, 1467-1472.
Schon, P; Michalek, R; Walder, L: *ANALYTICAL CHEMISTRY*, 1999, 71, 3305-3310.
Kavan, L; Fattakhova, D; Krtil, P: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 1999, 146, 1375-1379

9. Krtil, P.; Kavan, L.; Macounová, K.; (Photo) anodic decomposition of 3-methyl oxazolidin-2-one - An in-situ FTIR study. *Journal of Electroanalytical Chemistry* **1997**, *433* (1-2), 187-193. IF=4.464 , Počet citací: 7

Citováno v:
Kavan, Ladislav: *CHEMICAL RECORD*, 2012, 12, 131-142.
Kavan, Ladislav: *INTERNATIONAL JOURNAL OF NANOTECHNOLOGY*, 2012, 9, 652-679.
Harikisun, Ravi; Desilvestro, Hans: *SOLAR ENERGY*, 2011, 85, 1179-1188.
Berger, Thomas; Rodes, Antonio; Gomez, Roberto: *CHEMICAL COMMUNICATIONS*, 2010, 46, 2992-2994.
Letellier, M; Chevallier, F; Clinard, C; Frackowiak, E; Rouzaud, JN; Beguin, F; Morcrette, M; Tarascon, JM: *JOURNAL OF CHEMICAL PHYSICS*, 2003, 118, 6038-6045.
Novak, P; Panitz, JC; Joho, F; Lanz, M; Imhof, R; Coluccia, M: *JOURNAL OF POWER SOURCES*, 2000, 90, 52-58.
Joho, F; Novak, P: *ELECTROCHIMICA ACTA*, 2000, 45, 3589-3599.

10. Bruckenstein, S.; Krtil, P.; Hillman, A. R.; Thermodynamics and kinetics of redox switching of polyvinylferrocene films in perchlorate solutions. *Journal of Physical Chemistry B* **1998**, *102* (25), 4994-5003. IF=2.991 , Počet citací: 20

Citováno v:
Qu, Ke; Fang, Mingxi; Zhang, Shuwei; Liu, Haiying; Zeng, Xiangqun: *POLYMERS*, 2018, 10, -.
Palmer, Rebecca H.; Liu, Jian; Kung, Chung-Wei; Hod, Idan; Farha, Omar K.; Hupp, Joseph T.: *LANGMUIR*, 2018, 34, 4707-4714.
Deng, Zheng; Wang, Li; Yu, Haojie; Zhai, Xiaoting; Chen, Yongsheng; Zain-ul-Abdin; Abbasi, Nasir M.: *RSC ADVANCES*, 2016, 6, 29663-29668.
Whitman, Lucas R.; Bork, Kyle P.; Tang, Yijun: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2011, 661, 100-105.
Jusys, Zenonas; Bruckenstein, Stanley; Hillman, A. Robert: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2011, 13, 5373-5382.

Jureviciute, Irena; Bruckenstein, Stanley; Hillman, A. Robert: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2010, 157, F149-F157.
Jureviciute, Irena; Bruckenstein, Stanley; Hillman, A. Robert: *35 YEARS OF CHEMICAL SENSORS - AN HONORARY SYMPOSIUM FOR PROFESSOR JIRI JANATA'S 70TH BIRTHDAY CELEBRATION*, 2009, 19, 37-+.
Gabrielli, Claude; Perrot, Hubert: *MODERN ASPECTS OF ELECTROCHEMISTRY, NO 44: MODELLING AND NUMERICAL SIMULATIONS II*, 2009, , 151-238.
Robinson, Kay L.; Lawrence, Nathan S.: *ANALYTICAL SCIENCES*, 2008, 24, 339-343.
Tang, Yijun; Zeng, Xiangqun: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2008, 155, F82-F90.
Hillman, A. Robert; Daisley, Samantha J.; Bruckenstein, Stanley: *ELECTROCHEMISTRY COMMUNICATIONS*, 2007, 9, 1316-1322.
Pater, Ewa; Bruckenstein, Stanley; Hillman, A. Robert: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2006, 110, 14761-14769.
Jureviciute, I; Bruckenstein, S; Hillman, AR: *ELECTROCHIMICA ACTA*, 2006, 51, 2351-2357.
Yu, L; Sathe, M; Zeng, XQ: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2005, 152, E357-E363.
Sathe, M; Yu, L; Mo, YR; Zeng, XQ: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2005, 152, E94-E97.
Jureviciute, I; Bruckenstein, S; Jackson, A; Hillman, AR: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2004, 8, 403-410.
French, HM; Henderson, MJ; Hillman, AR; Vieil, E: *SOLID STATE IONICS*, 2002, 150, 27-37.
Jackson, A; Hillman, AR; Bruckenstein, S; Jureviciute, I: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2002, 524, 90-102.
Jusys, Z; Bruckenstein, S: *ELECTROCHEMISTRY COMMUNICATIONS*, 2000, 2, 412-416.
Wang, WY; Wang, CM: *JOURNAL OF THE CHINESE CHEMICAL SOCIETY*, 2000, 47, 405-414

11. Han, K. S.; Krtil, P.; Yoshimura, M.; Soft solution processing for fabrication of lithiated thin-film electrodes in a single synthetic step. *Journal of Materials Chemistry* **1998**, *8* (9), 2043-2048. IF=6.626 , Počet citací: 26

Citováno v:
Chan, Pei-Hsuan; Teng, Huang-Ping; Chan, Hsun-Shu; Lu, Fu-Hsing: *CERAMICS INTERNATIONAL*, 2021, 47, 13715-13721.
Yoshimura, Masahiro: *3RD INTERNATIONAL CONFERENCE ON SUSTAINABLE CIVIL ENGINEERING STRUCTURES AND CONSTRUCTION MATERIALS - SUSTAINABLE STRUCTURES FOR FUTURE GENERATIONS*, 2017, 171, 40-52.
Wu, Jih-Jen; Liao, Wen-Pin; Yoshimura, Masahiro: *NANO ENERGY*, 2013, 2, 1354-1372.
Nguyen, Thi Le Anh; Demir-Cakan, Rezan; Devic, Thomas; Morcrette, Mathieu; Ahnfeldt, Tim; Auban-Senzier, Pascale; Stock, Norbert; Goncalves, Anne-Marie; Filinchuk, Yaroslav; Tarascon, Jean-Marie; Ferey, Gerard: *INORGANIC CHEMISTRY*, 2010, 49, 7135-7143.
Karami, Hassan; Ramandi-Ghamooshi, Mohammad; Moeini, Saeedeh; Salehi, Fatemeh: *JOURNAL OF CLUSTER SCIENCE*, 2010, 21, 21-34.
Ra, Dong-il; Han, Kyoo-Seung: *JOURNAL OF POWER SOURCES*, 2006, 163, 284-288.
Vieira, Sabrina Nunes; Ferreira, Lucas Franco; Franco, Diego Leoni; Afonso, Andre Santiago; Goncalves, Rafael Ariza; Brito-Madurro, Ana Graci; Madurro, Joao Marcos: *MACROMOLECULAR SYMPOSIA*, 2006, 245, 236-242.
Hill, LI; Verbaere, A; Guyomard, D: *JOURNAL OF POWER SOURCES*, 2003, 119, 226-231.
Han, KS; Song, SW; Tsurimoto, S; Fujita, H; Sasagawa, I; Choi, KH; Kang, HK; Yoshimura, M: *SOLID STATE IONICS*, 2002, 151, 11-18.
Lee, JH; Kumagai, N; Watanabe, T; Yoshimura, M: *SOLID STATE IONICS*, 2002, 151, 41-45.
Han, KS; Song, SW; Fujita, H; Yoshimura, M; Cairns, EJ; Chang, SH: *JOURNAL OF THE AMERICAN CERAMIC SOCIETY*, 2002, 85, 2444-2448.
Krtil, P; Fattakhova, D; Yoshimura, M: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2002, 6, 367-373.
Hill, L. I.; Arrive, H.; Guyomard, D.: *IONICS*, 2002, 8, 161-171.
Toda, K; Tokuoka, S; Uematsu, K; Sato, M: *ASIAN CERAMIC SCIENCE FOR ELECTRONICS I*, 2002, 0, 67-72.
Yoshimura, M: *EURO CERAMICS VII, PT 1-3*, 2002, 0, 0-0.
Watanabe, T; Uono, H; Song, SW; Han, KS; Yoshimura, M: *JOURNAL OF SOLID STATE CHEMISTRY*, 2001, 162, 364-370.
Song, SW; Han, KS; Yoshimura, M: *JOURNAL OF THE AMERICAN CERAMIC SOCIETY*, 2000, 83, 2839-2844.
Han, KS; Song, SW; Fujita, H; Yoshimura, M: *SOLID STATE IONICS*, 2000, 135, 273-276.
Song, SW; Han, KS; Yoshimura, M; Sato, Y; Tatsuhiro, A: *CHEMICAL PROCESSING OF DIELECTRICS, INSULATORS AND ELECTRONIC CERAMICS*, 2000, 606, 205-210.
Yoshimura, M; Han, KS; Suchanek, W: *BULLETIN OF THE KOREAN CHEMICAL SOCIETY*, 1999, 20, 875-878.
Liu, LM; Wang, XQ; Bontchev, R; Ross, K; Jacobson, AJ: *JOURNAL OF MATERIALS CHEMISTRY*, 1999, 9, 1585-1589.
Yoshimura, M; Han, KS; Suchanek, W: *BULLETIN OF MATERIALS SCIENCE*, 1999, 22, 193-199.
Wang, XQ; Liu, LM; Jacobson, AJ; Ross, K: *JOURNAL OF MATERIALS CHEMISTRY*, 1999, 9, 859-861.

Krtil, P; Nishimura, S; Yoshimura, M: *ELECTROCHIMICA ACTA*, 1999, 44, 3911-3920.
Yoshimura, M; Suchanek, W; Han, KS: *JOURNAL OF MATERIALS CHEMISTRY*, 1999, 9, 77-82.

12. Krtil, P.; Yoshimura, M.; Electrochemical preparation of oxide materials for electrochemistry and electronics. *Journal of Solid State Electrochemistry* **1998**, *2* (5), 321-327. IF= 2.647, Počet citací: 8

Citováno v:
Karuppusamy, Naveen; Mariyappan, Vinitha; Chen, Tse-Wei; Chen, Shen-Ming; Sundaresan, Ruspika; Rwei, Syang-Peng; Liu, Xiaoheng; Yu, Jaysan: *INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE*, 2021, 16, -.
Wang, Rui; Liu, Chen; Zeng, Jia; Li, KunWei; Wang, Hao: *JOURNAL OF SOLID STATE CHEMISTRY*, 2009, 182, 677-684.
Al-Hajji, L. A.; Hasan, M. A.; Zaki, M. I.: *THERMOCHIMICA ACTA*, 2009, 483, 8-14.
Cavalcante, L. S.; Sczancoski, J. C.; Lima, L. F.; Espinosa, J. W. M.; Pizani, P. S.; Varela, J. A.; Longo, E.: *CRYSTAL GROWTH & DESIGN*, 2009, 9, 1002-1012.
Krtil, P; Fattakhova, D; Yoshimura, M: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2002, 6, 367-373.
Harvey, MJ; Hanusa, TP: *ORGANOMETALLICS*, 2000, 19, 1556-1566.
Yoshimura, M; Han, KS; Suchanek, W: *BULLETIN OF THE KOREAN CHEMICAL SOCIETY*, 1999, 20, 875-878.
Krtil, P; Nishimura, S; Yoshimura, M: *ELECTROCHIMICA ACTA*, 1999, 44, 3911-3920.

13. Bludska, J.; Vondrak, J.; Jakubec, I.; Krtil, P.; The accelerating role of water in hydrogen insertion into tungsten trioxide. *Solar Energy Materials and Solar Cells* **1999**, *56* (3-4), 231-235. IF= 7.267, Počet citací: 6

Citováno v:
Materer, Nicholas F.; Apblett, Allen; Kadossov, Evgueni B.; Khan, Kashif Rashid; Casper, Walter; Hays, Kevin; Shams, Eman F.: *SURFACE SCIENCE*, 2016, 648, 345-351.
Xi, Yongjie; Zhang, Qingfan; Cheng, Hansong: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2014, 118, 494-501.
Huo, LH; Zhao, H; Mauvy, F; Fourcade, S; Labrugere, C; Pouchard, M; Grenier, JC: *SOLID STATE SCIENCES*, 2004, 6, 679-688.
Ippolito, SJ; Kandasamy, S; Kalantar-Zadeh, K; Trinchi, A; Wlodarski, W: *SENSOR LETTERS*, 2003, 1, 33-36.
Okazaki, S; Nakagawa, H; Asakura, S; Tomiuchi, Y; Tsuji, N; Murayama, H; Washiya, M: *SENSORS AND ACTUATORS B-CHEMICAL*, 2003, 93, 142-147.
Wang, ZC; Hu, XF: *ELECTROCHIMICA ACTA*, 2001, 46, 1951-1956.

14. Kavan, L.; Fattakhova, D.; Krtil, P.; Lithium insertion into mesoscopic and single-crystal TiO_2 (rutile) electrodes. *Journal of the Electrochemical Society* **1999**, *146* (4), 1375-1379. IF= 4.316, Počet citací: 100

Citováno v:
Ivanishchev, A. V.; Ivanishcheva, I. A.: *RUSSIAN JOURNAL OF ELECTROCHEMISTRY*, 2020, 56, 907-928.
Deng, Changjian; Lau, Miu Lun; Ma, Chunrong; Skinner, Paige; Liu, Yuzi; Xu, Wenqian; Zhou, Hua; Zhang, Xianghui; Wu, Di; Yin, Yadong; Ren, Yang; Perez, Jorge; Jaramillo, Diana; Barnes, Pete; Hou, Dewen; Dahl, Michael; Williford, Bethany; Zheng, Chong; Xiong, Hui (Claire): *JOURNAL OF MATERIALS CHEMISTRY A*, 2020, 8, 3333-3343.
Christensen, Christian Kolle; Mamakhel, Mohammad Aref Hasen; Balakrishna, Ananya Renuka; Iversen, Bo Brummerstedt; Chiang, Yet-Ming; Ravnsbaek, Dorthe Bomholdt: *NANOSCALE*, 2019, 11, 12347-12357.
Kavan, Ladislav: *CATALYSIS TODAY*, 2019, 328, 50-56.
Saritha, D.: *MATERIALS TODAY-PROCEEDINGS*, 2019, 19, 726-730.
Jiang, Ying; Chen, Shi; Mu, Daobin; Zhao, Zhikun; Li, Chunli; Ding, Zepeng; Xie, Chaoxiang; Wu, Feng: *CHEMSUSCHEM*, 2018, 11, 2040-2044.
Khoshnevisan, Bahram; Marami, Mohammad Bagher; Farahmandjou, Majid: *CHINESE PHYSICS LETTERS*, 2018, 35, -.
Narayana, A. Lakshmi; Dhananjaya, M.; Prakash, N. Guru; Hussain, O. M.; Julien, C. M.: *IONICS*, 2017, 23, 3419-3428.
Wittich, Olga; Meyer, Florian; Wark, Michael: *ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE-INTERNATIONAL JOURNAL OF RESEARCH IN PHYSICAL CHEMISTRY & CHEMICAL PHYSICS*, 2017, 231, 1407-1421.
Raj, Hari; Saxena, Sobhit; Sil, Anjan: *MATERIALS TECHNOLOGY*, 2017, 32, 196-201.
Laskova, Barbora Pitna; Kavan, Ladislav; Zukalova, Marketa; Mocek, Karel; Frank, Otakar: *MONATSHEFTE FUR CHEMIE*, 2016, 147, 951-959.
Kirchgeorg, Robin; Kallert, Max; Liu, Ning; Hahn, Robert; Killian, Manuela S.; Schmuki, Patrik: *ELECTROCHIMICA ACTA*, 2016, 198, 56-65.
Kebede, Mesfin; Zheng, Haitao; Ozoemena, Kenneth I.: *NANOMATERIALS IN ADVANCED BATTERIES AND SUPERCAPACITORS*, 2016, 0, 55-91.
Liu, Guanrao; Zhang, Shichao; Wu, Xiaomeng; Lin, Ruoxu: *RSC ADVANCES*, 2016, 6, 55671-55675.
Gai, Jianli; Chen, Jixin; Zhang, Hui; Li, Meishuan; Zhou, Yanchun: *SCRIPTA MATERIALIA*, 2015, 108, 92-95.

Qing, Rui; Liu, Li; Kim, Hansoo; Sigmund, Wolfgang M.: *ELECTROCHIMICA ACTA*, 2015, 180, 295-306.
Li, Jianjiang; Yang, Dongjiang; Zhu, Xiaoyi; Wang, Lu; Umar, Ahmad; Song, Guojun: *SCIENCE OF ADVANCED MATERIALS*, 2015, 7, 821-826.
Qing, Rui; Liu, Li; Bohling, Christian; Sigmund, Wolfgang: *JOURNAL OF POWER SOURCES*, 2015, 274, 667-675.
Uchaker, Evan; Cao, Guozhong: *RECHARGEABLE BATTERIES: MATERIALS, TECHNOLOGIES AND NEW TRENDS*, 2015, 0, 353-391.
Kim, Sung Joo; Noh, Sun-Young; Kargar, Alireza; Wang, Deli; Graham, George W.; Pan, Xiaoqing: *CHEMICAL COMMUNICATIONS*, 2014, 50, 9932-9935.
Kavan, Ladislav: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2014, 18, 2297-2306.
Uchaker, Evan; Cao, Guozhong: *NANO TODAY*, 2014, 9, 499-524.
Qing, Rui; Sigmund, Wolfgang: *CERAMICS INTERNATIONAL*, 2014, 40, 5665-5669.
Suo, Liumin; Sallard, Sebastien; Hu, Yong-Sheng; Smarsly, Bernd M.; Chen, Liquan: *CHEMELECTROCHEM*, 2014, 1, 549-553.
Chang, Chia-Chin; Chen, Yu-Chun; Huang, Chun-Wei; Su, Yu Hsiu; Hu, Chi-Chang: *ELECTROCHIMICA ACTA*, 2013, 99, 69-75.
Azizi, K. Farhadian; Bagheri-Mohagheghi, M. -M.: *JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY*, 2013, 65, 329-335.
Sauvage, Frederic; Nazeeruddin, Mohammad K.; Graetzel, Michael: *FUNCTIONAL METAL OXIDES: NEW SCIENCE AND NOVEL APPLICATIONS*, 2013, 0, 341-383.
Yu, Jianguo; Sushko, Maria L.; Kerisit, Sebastien; Rosso, Kevin M.; Liu, Jun: *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2012, 3, 2076-2081.
Zhu, Guan-Nan; Wang, Yong-Gang; Xia, Yong-Yao: *ENERGY & ENVIRONMENTAL SCIENCE*, 2012, 5, 6652-6667.
Su, Xin; Wu, QingLiu; Zhan, Xin; Wu, Ji; Wei, Suying; Guo, Zhanhu: *JOURNAL OF MATERIALS SCIENCE*, 2012, 47, 2519-2534.
Kavan, Ladislav: *CHEMICAL RECORD*, 2012, 12, 131-142.
Kavan, Ladislav: *INTERNATIONAL JOURNAL OF NANOTECHNOLOGY*, 2012, 9, 652-679.
Moghaddam, Hossain Milani; Nasirian, Shahruz: *MOLECULAR CRYSTALS AND LIQUID CRYSTALS*, 2012, 562, 219-228.
Froeschl, T.; Hoermann, U.; Kubiak, P.; Kucerova, G.; Pfanzelt, M.; Weiss, C. K.; Behm, R. J.; Huesing, N.; Kaiser, U.; Landfester, K.; Wohlfahrt-Mehrens, M.: *CHEMICAL SOCIETY REVIEWS*, 2012, 41, 5313-5360.
Pfanzelt, M.; Kubiak, P.; Jacke, S.; Dimesso, L.; Jaegermann, W.; Wohlfahrt-Mehrens, M.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2012, 159, A809-A814.
Hong, Zhensheng; Wei, Mingdeng; Lan, Tongbin; Jiang, Lilong; Cao, Guozhong: *ENERGY & ENVIRONMENTAL SCIENCE*, 2012, 5, 5408-5413.
Xiao, Peng; Cao, Guozhong; Zhang, Yunhuai: *ENVIRONMENTAL APPLICATIONS OF NANOMATERIALS: SYNTHESIS, SORBENTS AND SENSORS, 2ND EDIITON*, 2012, 0, 679-715.
Kubiak, Pierre; Froeschl, Thomas; Huesing, Nicola; Hoermann, Ute; Kaiser, Ute; Schiller, Renate; Weiss, Clemens K.; Landfester, Katharina; Wohlfahrt-Mehrens, Margret: *SMALL*, 2011, 7, 1690-1696.
Chen, Jun Song; Lou, Xiong Wen (David): *CHEMICAL SCIENCE*, 2011, 2, 2219-2223.
Kerisit, Sebastien; Rosso, Kevin M.; Yang, Zhenguo; Liu, Jun: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2010, 114, 19096-19107.
Bach, S.; Pereira-Ramos, J. P.; Willman, P.: *ELECTROCHIMICA ACTA*, 2010, 55, 4952-4959.
Chen, Jun Song; Lou, Xiong Wen (David): *JOURNAL OF POWER SOURCES*, 2010, 195, 2905-2908.
Lafont, U.; Carta, D.; Mountjoy, G.; Chadwick, A. V.; Kelder, E. M.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2010, 114, 1372-1378.
Wang, Yonggang; Li, Huiqiao; He, Ping; Hosono, Eiji; Zhou, Haoshen: *NANOSCALE*, 2010, 2, 1294-1305.
Pfanzelt, M.; Kubiak, P.; Wohlfahrt-Mehrens, M.: *ELECTROCHEMICAL AND SOLID STATE LETTERS*, 2010, 13, A91-A94.
Saravanan, Kuppan; Ananthanarayanan, Krishnamoorthy; Balaya, Palani: *ENERGY & ENVIRONMENTAL SCIENCE*, 2010, 3, 939-948.
Kerisit, Sebastien; Rosso, Kevin M.; Yang, Zhenguo; Liu, Jun: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 20998-21007.
Milne, Nicholas A.; Skyllas-Kazacos, Maria; Luca, Vittorio: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 12983-12995.
Yang, Zhenguo; Choi, Daiwon; Kerisit, Sebastien; Rosso, Kevin M.; Wang, Donghai; Zhang, Jason; Graff, Gordon; Liu, Jun: *JOURNAL OF POWER SOURCES*, 2009, 192, 588-598.
Uchiyama, Hiroaki; Hosono, Eiji; Zhou, Haoshen; Imai, Hiroaki: *SOLID STATE IONICS*, 2009, 180, 956-960.
Fang, Hai-Tao; Liu, Min; Wang, Da-Wei; Sun, Tao; Guan, Dong-Sheng; Li, Feng; Zhou, Jigang; Sham, Tsun-Kong; Cheng, Hui-Ming: *NANOTECHNOLOGY*, 2009, 20, -.
Pralong, V.: *PROGRESS IN SOLID STATE CHEMISTRY*, 2009, 37, 262-277.
Hu, Yong-Sheng; Liu, Xi; Mueller, Jens-O.; Schloegl, Robert; Maier, Joachim; Su, Dang Sheng: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2009, 48, 210-214.
Rolison, Debra R.; Long, Jeffrey W.; Lytle, Justin C.; Fischer, Anne E.; Rhodes, Christopher P.; McEvoy, Todd M.; Bourga, Megan E.; Lubers, Alia M.: *CHEMICAL SOCIETY REVIEWS*, 2009, 38, 226-252.
Suzdalev, I. P.: *RUSSIAN CHEMICAL REVIEWS*, 2009, 78, 249-282.
Wang, Yunfei; Wu, Muying; Zhang, W. F.: *ELECTROCHIMICA ACTA*, 2008, 53, 7863-7868.
Qiao, Hui; Wang, Yawen; Xiao, Lifen; Zhang, Lizhi: *ELECTROCHEMISTRY COMMUNICATIONS*, 2008, 10, 1280-1283.

Doe, Robert E.; Persson, Kristin A.; Meng, Y. Shirley; Ceder, Gerbrand: *CHEMISTRY OF MATERIALS*, 2008, 20, 5274-5283.
Liu, Dawei; Xiao, Peng; Zhang, Yunhuai; Garcia, Betzaida B.; Zhang, Qifeng; Guo, Qing; Champion, Richard; Cao, Guozhong: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2008, 112, 11175-11180.
Borghols, Wouter J. H.; Wagemaker, Marnix; Lafont, Ugo; Kelder, Erik M.; Mulder, Fokko M.: *CHEMISTRY OF MATERIALS*, 2008, 20, 2949-2955.
Xu, Jinwei; Wang, Yunfei; Li, Zonghui; Zhang, We: *JOURNAL OF POWER SOURCES*, 2008, 175, 903-908.
Liu, Jun; Cao, Guozhong; Yang, Zhenguo; Wang, Donghai; Dubois, Dan; Zhou, Xiaodong; Graff, Gordon L.; Pederson, Larry R.; Zhang, Ji-Guang: *CHEMSUSCHEM*, 2008, 1, 676-697.
Kaper, Helena; Endres, Frank; Djerdj, Igor; Antonietti, Markus; Smarsly, Bernd M.; Maier, Joachim; Hu, Yong-Sheng: *SMALL*, 2007, 3, 1753-1763.
Xu Jiang-Feng; Li Jian-Ling; Li Wen-Sheng; Wang Xin-Dong: *JOURNAL OF INORGANIC MATERIALS*, 2007, 22, 879-884.
Guo, Yu-Guo; Hu, Yong-Sheng; Sigle, Wilfried; Maier, Joachim: *ADVANCED MATERIALS*, 2007, 19, 2087-+.
Comisso, N.; Mengoli, G.: *JOURNAL OF APPLIED ELECTROCHEMISTRY*, 2007, 37, 949-959.
Baudrin, E.; Cassaignon, S.; Koesch, M.; Jolivet, J. -P.; Dupont, L.; Tarascon, J. -M.: *ELECTROCHEMISTRY COMMUNICATIONS*, 2007, 9, 337-342.
Fattakhova-Rohlfing, Dina; Wark, Michael; Brezesinski, Torsten; Smarsly, Bernd M.; Rathousky, Jiri: *ADVANCED FUNCTIONAL MATERIALS*, 2007, 17, 123-132.
Jiang, Chunhai; Honma, Itaru; Kudo, Tetsuichi; Zhou, Haoshen: *ELECTROCHEMICAL AND SOLID STATE LETTERS*, 2007, 10, A127-A129.
Lytle, Justin C.; Rhodes, Christopher P.; Long, Jeffrey W.; Pettigrew, Katherine A.; Stroud, Rhonda M.; Rolison, Debra R.: *JOURNAL OF MATERIALS CHEMISTRY*, 2007, 17, 1292-1299.
Galiote, Nelson A.; Carvalho, Antonio J. F.; Huguenin, Fritz: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2006, 110, 24612-24620.
Jiang, Chunhai; Hosono, Eiji; Zhou, Haoshen: *NANO TODAY*, 2006, 1, 28-33.
Ma, Shuhua; Noguchi, Hideyuki: *JOURNAL OF POWER SOURCES*, 2006, 161, 1297-1301.
Subramanian, V.; Karki, A.; Gnanasekar, K. I.; Eddy, Fannie Posey; Rambabu, B.: *JOURNAL OF POWER SOURCES*, 2006, 159, 186-192.
Reddy, M. Anji; Kishore, M. Satya; Pralong, V.; Caignaert, V.; Varadaraju, U. V.; Raveau, B.: *ELECTROCHEMISTRY COMMUNICATIONS*, 2006, 8, 1299-1303.
Hu, Yong-Sheng; Kienle, Lorenz; Guo, Yu- Guo; Maier, Joachim: *ADVANCED MATERIALS*, 2006, 18, 1421-+.
Reiman, KH; Brace, KM; Gordon-Smith, TJ; Nandhakumar, I; Attard, GS; Owen, JR: *ELECTROCHEMISTRY COMMUNICATIONS*, 2006, 8, 517-522.
Lo, AYH; Schurko, RW; Vettraino, M; Skadtchenko, BO; Trudeau, M; Antonelli, DM: *INORGANIC CHEMISTRY*, 2006, 45, 1828-1838.
Li, JR; Tang, ZL; Zhang, ZT: *CHEMICAL PHYSICS LETTERS*, 2006, 418, 506-510.
Li, JR; Tang, ZL; Zhang, ZT: *CHEMISTRY OF MATERIALS*, 2005, 17, 5848-5855.
Huang, SH; Wen, ZY; Zhu, XJ; Yang, XL: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2005, 152, A1301-A1305.
Jiang, K; Hu, XH; Sun, HJ; Wang, DH; Jin, XB; Ren, YY; Chen, GZ: *CHEMISTRY OF MATERIALS*, 2004, 16, 4324-4329.
Wilhelm, O; Pratsinis, SE; de Chambrier, E; Crouzet, M; Exnarb, I: *JOURNAL OF POWER SOURCES*, 2004, 134, 197-201.
Carp, O; Huisman, CL; Reller, A: *PROGRESS IN SOLID STATE CHEMISTRY*, 2004, 32, 33-177.
Churikov, AV; Zobenkova, VA; Pridatko, KI: *RUSSIAN JOURNAL OF ELECTROCHEMISTRY*, 2004, 40, 63-68.
Churikovz, AV; Zobenkova, VA; Gamayunova, IM: *RUSSIAN JOURNAL OF ELECTROCHEMISTRY*, 2004, 40, 105-108.
Kavan, L; Prochazka, J; Spitler, TM; Kalbac, M; Zukalova, MT; Drezen, T; Gratzel, M: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2003, 150, A1000-A1007.
Koudriachova, MV; de Leeuw, SW; Harrison, NM: *CHEMICAL PHYSICS LETTERS*, 2003, 371, 150-156.
Fattakhova, D; Krtil, P: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2002, 149, A1224-A1229.
Arabatzis, IM; Antonaraki, S; Stergiopoulos, T; Hiskia, A; Papaconstantinou, E; Bernard, MC; Falaras, P: *JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY*, 2002, 149, 237-245.
Koudriachova, MV; Harrison, NM; de Leeuw, SW: *PHYSICAL REVIEW B*, 2002, 65, -.
Apostolova, RD; Shapa, NN; Shempel', EM; Mel'nikov, BI: *RUSSIAN JOURNAL OF APPLIED CHEMISTRY*, 2002, 75, 417-421.
Krtil, P; Fattakhova, D: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2001, 148, A1045-A1050.
Kang, TS; Chae, WS; Kim, KJ: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2001, 148, H67-H71.
Kavan, L; Rathousky, J; Gratzel, M; Shklover, V; Zukal, A: *MICROPOROUS AND MESOPOROUS MATERIALS*, 2001, 44, 653-659.
Fattakhova, D; Kavan, L; Krtil, P: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2001, 5, 196-204.
Krtil, P; Fattakhova, D; Kavan, L; Burnside, S; Gratzel, M: *SOLID STATE IONICS*, 2000, 135, 101-106.
Kavan, L; Attia, A; Lenzmann, F; Elder, SH; Gratzel, M: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2000, 147, 2897-2902.
Hengerer, R; Kavan, L; Krtil, P; Gratzel, M: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2000, 147, 1467-1472.

15. Krtil, P.; Nishimura, S.; Yoshimura, M.; Electrochemical formation of ternary oxide films - an EQCM approach to galvanostatic deposition of alkali earth metal tungstates and molybdates. *Electrochimica Acta* **1999**, *44* (21-22), 3911-3920. IF=6.901 , Počet citací: 4

    Citováno v:
    Penha, M. D.; Gouveia, A. F.; Teixeira, M. M.; de Oliveira, R. C.; Assis, M.; Sambrano, J. R.; Yokaichya, F.; Santos, C. C.; Goncalves, R. F.; Li, M. Siu; San-Miguel, M. A.; Andres, J.; Longo, E.: *MATERIALS RESEARCH BULLETIN*, 2020, 132, -.
    Cui, Chunhua; Bi, Jian; Gao, Daojiang: *JOURNAL OF CRYSTAL GROWTH*, 2008, 310, 4385-4389.
    Krtil, P; Fattakhova, D; Yoshimura, M: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2002, 6, 367-373.
    Fattakhova, D; Kavan, L; Krtil, P: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2001, 5, 196-204.

16. Hengerer, R.; Kavan, L.; Krtil, P.; Gratzel, M.; Orientation dependence of charge-transfer processes on TiO_2 (anatase) single crystals. *Journal of the Electrochemical Society* **2000**, *147* (4), 1467-1472. IF=4.312, Počet citací: 193

    Citováno v:
    Michaels, Mach R.; Kwon, Jae W.: *NANOTECHNOLOGY*, 2021, 32, -.
    Dahlman, Clayton J.; Heo, Sungyeon; Zhang, Youtian; Reimnitz, Lauren C.; He, Daniel; Tang, Ming; Milliron, Delia J.: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2021, 143, 8278-8294.
    Vikrant, Kumar; Weon, Seunghyun; Kim, Ki-Hyun; Sillanpaa, Mika: *APPLIED MATERIALS TODAY*, 2021, 23, -.
    Padmanabhan, Nisha T.; Thomas, Nishanth; Louis, Jesna; Mathew, Dhanu Treasa; Ganguly, Priyanka; John, Honey; Pillai, Suresh C.: *CHEMOSPHERE*, 2021, 271, -.
    Mansfeldova, Vera; Zlamalova, Magda; Tarabkova, Hana; Janda, Pavel; Vorokhta, Mykhailo; Piliai, Lesia; Kavan, Ladislav: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 1902-1912.
    Wang, Hangyu; Jing, Ziang; Liu, Haoliang; Feng, Xianghui; Meng, Guodong; Wu, Kai; Cheng, Yonghong; Xiao, Bing: *NANOSCALE*, 2020, 12, 24510-24526.
    Tian, Hanchen; Li, Wenyuan; Ma, Liang; Yang, Tao; Guan, Bo; Shi, Wangying; Kalapos, Thomas L.; Liu, Xingbo: *ACS APPLIED MATERIALS & INTERFACES*, 2020, 12, 49574-49585.
    Li, Yi; Li, Jun; Yang, Weiguang; Wang, Xudong: *NANOSCALE HORIZONS*, 2020, 5, 1174-1187.
    Jiang, Keliang; Niu, Yongjian; Fang, Dong; Zhang, Linlin; Wang, Cheng: *CHEMELECTROCHEM*, 2020, 7, 2905-2916.
    Yu, Wen-Bei; Hu, Zhi-Yi; Jin, Jun; Yi, Min; Yan, Min; Li, Yu; Wang, Hong-En; Gao, Huan-Xin; Mai, Li-Qiang; Hasan, Tawfique; Xu, Bai-Xiang; Peng, Dong-Liang; Van Tendeloo, Gustaaf; Su, Bao-Lian: *NATIONAL SCIENCE REVIEW*, 2020, 7, 1046-1058.
    Xu, Tongzhou; Zheng, Hong; Zhang, Pengyi: *JOURNAL OF HAZARDOUS MATERIALS*, 2020, 388, -.
    Xu, Tongzhou; Zhao, Hongchen; Zheng, Hong; Zhang, Pengyi: *CHEMICAL ENGINEERING JOURNAL*, 2020, 385, -.
    Buravets, Vladislav; Macounová, Katerina Minhova; Nebel, Roman; Zukalova, Marketa; Kavan, Ladislav; Krtil, Petr: *ELECTROCATALYSIS*, 2021, 12, 15-25.
    Deng, Ke; Cole, Jacqueline M.; Rawle, Jonathan L.; Nicklin, Christopher; Chen, Hao; Yanguas-Gil, Angel; Elam, Jeffrey W.; Stenning, Gavin B. G.: *ACS APPLIED ENERGY MATERIALS*, 2020, 3, 900-914.
    Dorothy, A. Angeline; Panigrahi, Puspamitra: *MATERIALS RESEARCH EXPRESS*, 2019, 6, -.
    Ata-ur-Rehman; Ali, Ghulam; Abbas, Syed Mustansar; Iftikhar, Muhammad; Zahid, Muhammad; Yaseen, Samad; Saleem, Sanum; Haider, Sajjad; Arshad, Muhammad; Badshah, Amin: *CHEMICAL ENGINEERING JOURNAL*, 2019, 375, -.
    Krysova, Hana; Zlamalova, Magda; Tarabkova, Hana; Jirkovský, Jaromir; Frank, Otakar; Kohout, Michal; Kavan, Ladislav: *ELECTROCHIMICA ACTA*, 2019, 321, -.
    Liu, Xiaogang; Du, Guiru; Li, Meng: *ACS OMEGA*, 2019, 4, 14902-14912.
    Auer, Andrea; Kunze-Liebhaeuser, Julia: *SMALL METHODS*, 2019, 3, -.
    Ahmed, Amira Y.; Kandiel, Tarek A.; Oekermann, Torsten; Guennemann, Carsten; Bahnemann, Detlef: *ACS APPLIED ENERGY MATERIALS*, 2019, 2, 5308-5318.
    Kavan, Ladislav: *CATALYSIS TODAY*, 2019, 328, 50-56.
    Nebel, Roman; Macounová, Katerina Minhova; Tarabkova, Hana; Kavan, Ladislav; Krtil, Petr: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 10857-10867.
    Ha, Je Uk; Lee, Jeongmin; Abbas, Muhammad A.; Lee, Moo Dong; Lee, Junghyun; Bang, Jin Ho: *ACS APPLIED MATERIALS & INTERFACES*, 2019, 11, 11391-11402.
    Maitani, Masato M.; Tateyama, Akito; Boix, Pablo P.; Han, Guifang; Nitta, Akio; Ohtani, Bunsho; Mathews, Nripan; Wada, Yuji: *ELECTROCHIMICA ACTA*, 2019, 300, 445-454.
    Guennemann, Carsten; Haisch, Christoph; Fleisch, Manuel; Schneider, Jenny; Emeline, Alexei V.; Bahnemann, Detlef W.: *ACS CATALYSIS*, 2019, 9, 1001-1012.
    Farouq, Rania: *JOURNAL OF THE CHINESE CHEMICAL SOCIETY*, 2018, 65, 1333-1339.
    Nagpure, Suraj; Zhang, Qinglin; Khan, M. Arif; Islam, Syed Z.; Xu, Jiagang; Strzalka, Joseph; Cheng, Yang-Tse; Knutson, Barbara L.; Rankin, Stephen E.: *ADVANCED FUNCTIONAL MATERIALS*, 2018, 28, -.
    Xiong, Zhuo; Lei, Ze; Li, Youzi; Dong, Liangchen; Zhao, Yongchun; Zhang, Junying: *JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY C-PHOTOCHEMISTRY REVIEWS*, 2018, 36, 24-47.
    Li, Qianqian; Xu, Yaobin; Yao, Zhenpeng; Kang, Joohoon; Liu, Xiaolong; Wolverton, Chris; Hersam, Mark C.; Wu, Jinsong; Dravid, Vinayak P.: *ACS NANO*, 2018, 12, 7875-7882.

Wang, Lei; Liang, Kun; Wang, Guanzhi; Yang, Yang: *JOURNAL OF MATERIALS CHEMISTRY A*, 2018, 6, 13968-13974.
Liu, Yubin; Chen, Wenqiang; Yang, Chengyu; Wei, Qiaohua; Wei, Mingdeng: *JOURNAL OF POWER SOURCES*, 2018, 392, 226-231.
Chen, H.; Ding, Y. H.; Tang, X. Q.; Zhang, W.; Yin, J. R.; Zhang, P.; Jiang, Y.: *BULLETIN OF MATERIALS SCIENCE*, 2018, 41, -.
Wu, Qili; He, Shiman; Yang, Xianfeng; Yang, Jingling; Li, Gaoren; Meng, Yuying; Tong, Shengfu; Mai, Liqiang; Wu, Mingmei: *NANO RESEARCH*, 2018, 11, 2116-2128.
Guo, Zhendong; Ambrosio, Francesco; Chen, Wei; Gono, Patrick; Pasquarello, Alfredo: *CHEMISTRY OF MATERIALS*, 2018, 30, 94-111.
Brandt, Iuri S.; Pla Cid, Cristiani C.; Azevedo, Carlos G. G.; Pereira, Andre L. J.; Benetti, Luana C.; Ferlauto, Andre S.; Dias da Silva, Jose H.; Pasa, Andre A.: *RSC ADVANCES*, 2018, 8, 7062-7071.
Wang, Jia; Wang, Junting; Wu, Xiaoyong; Zhang, Gaoke: *MATERIALS RESEARCH BULLETIN*, 2017, 96, 262-269.
Feil, Adriano F.; Papaleo, Ricardo M.; Hubler, Roberto: *JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY*, 2017, 17, 8967-8974.
Kashani, Hamideh; Gharibi, Hussein; Javadian, Soheila; Kakemam, Jamal: *NEW JOURNAL OF CHEMISTRY*, 2017, 41, 12442-12450.
Auer, Andrea; Portenkirchner, Engelbert; Goetsch, Thomas; Valero-Vidal, Carlos; Penner, Simon; Kunze-Liebhaeuser, Julia: *ACS APPLIED MATERIALS & INTERFACES*, 2017, 9, 36828-36836.
Niu, Sibo; McFeron, Ryan; Godinez-Salomon, Fernando; Chapman, Brian S.; Damin, Craig A.; Tracy, Joseph B.; Augustyn, Veronica; Rhodes, Christopher P.: *CHEMISTRY OF MATERIALS*, 2017, 29, 7794-7807.
Maitani, M. M.; Tanaka, K.; Shen, Q.; Toyoda, T.; Wada, Y.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2017, 19, 22129-22140.
Yang, Yang; Li, Jiaqi; Huang, Jingxin; Huang, Jianxing; Zeng, Jing; Zhao, Jinbao: *ELECTROCHIMICA ACTA*, 2017, 247, 771-778.
You, Huali; Wu, Qili; Li, Jiade; He, Shiman; Li, Xiaohui; Yang, Xianfeng; Yang, Jingling; Meng, Yuying; Tong, Shengfu; Wu, Mingmei: *CRYSTENGCOMM*, 2017, 19, 2456-2463.
Fan, Ke; Yu, Jiaguo; Ho, Wingkei: *MATERIALS HORIZONS*, 2017, 4, 319-344.
Macounová, Katerina Minhova; Klusáčková, Monika; Nebel, Roman; Zukalova, Marketa; Klementová, Mariana; Castelli, Ivano E.; Spo, Mathias D.; Rossmeisl, Jan; Kavan, Ladislav; Krtil, Petr: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2017, 121, 6024-6032.
Choi, Jaesuk; Song, Jun Tae; Jang, Ho Seong; Choi, Min-Jae; Sim, Dong Min; Yim, Soonmin; Lim, Hunhee; Jung, Yeon Sik; Oh, Jihun: *ELECTRONIC MATERIALS LETTERS*, 2017, 13, 57-65.
Ma, M. Jiwei; Li, W.; Dambournet, D.: *MODERN SYNTHESIS PROCESSES AND REACTIVITY OF FLUORINATED COMPOUNDS*, 2017, 3, 651-669.
Xu, Wei; Wang, Tao; Yu, Ye; Wang, Sheng: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2016, 689, 460-467.
Liu, Guangyin; Liu, Xiaodi; Wang, Lin; Ma, Jianmin; Xie, Haiquan; Ji, Xiaoguang; Guo, Jiali; Zhang, Ruixue: *ELECTROCHIMICA ACTA*, 2016, 222, 1103-1111.
Idigoras, Jesus; Anta, Juan A.; Berger, Thomas: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2016, 120, 27882-27894.
Wang, Hsin-Yi; Chen, Han-Yi; Hsu, Ying-Ya; Stimming, Ulrich; Chen, Hao Ming; Liu, Bin: *ACS APPLIED MATERIALS & INTERFACES*, 2016, 8, 29186-29193.
Lu Yang: *ACTA PHYSICO-CHIMICA SINICA*, 2016, 32, 2185-2196.
Tong, Ruifeng; Liu, Chang; Xu, Zhenkai; Kuang, Qin; Xie, Zhaoxiong; Zheng, Lansun: *ACS APPLIED MATERIALS & INTERFACES*, 2016, 8, 21326-21333.
Lee, Gyu Heon; Lee, Jung Woo; Choi, Ji Il; Kim, Sang Jun; Kim, Yong-Hoon; Kang, Jeung Ku: *ADVANCED FUNCTIONAL MATERIALS*, 2016, 26, 5139-5148.
Lin, Wei; Zheng, Hong; Zhang, Pengyi; Xu, Tongzhou: *APPLIED CATALYSIS A-GENERAL*, 2016, 521, 75-82.
Dai, Rui; Zhang, Anqi; Pan, Zhichang; Al-Enizi, Abdullah M.; Elzatahry, Ahmed A.; Hu, Linfeng; Zheng, Gengfeng: *SMALL*, 2016, 12, 2792-2799.
Zhang Ling; Su Yang; Wang Wenzhong: *PROGRESS IN CHEMISTRY*, 2016, 28, 415-427.
Liu, Xiao-Yan; Wang, Kai-Xue; Chen, Jie-Sheng: *ENERGY STORAGE MATERIALS*, 2016, 3, 1-17.
Sun, Dechen; Yang, Weiyi; Zhou, Long; Sun, Wuzhu; Li, Qi; Shang, Jian Ku: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2016, 182, 85-93.
He, Zhiqiao; Tang, Juntao; Shen, Jie; Chen, Jianmeng; Song, Shuang: *APPLIED SURFACE SCIENCE*, 2016, 364, 416-427.
Nosaka, Yoshio; Nosaka, Atsuko Y.: *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2016, 7, 431-434.
Matsumoto, Yuji; Miura, Yoshihiro; Takata, Shintaro: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2016, 120, 1472-1477.
Wang, Lin; Nie, Zhongyuan; Cao, Chuanbao; Khalid, Syed; Wu, Yu; Xu, Xingyan: *JOURNAL OF POWER SOURCES*, 2016, 302, 259-265.
Xiao, Shuning; Zhang, Dieqing; Li, Guisheng; Li, Hexing: *NANOSTRUCTURED PHOTOCATALYSTS: ADVANCED FUNCTIONAL MATERIALS*, 2016, 0, 99-124.
Marugan, Javier; Jose Lopez-Munoz, Maria; Fernandez-Ibanez, Pilar; Malato, Sixto: *PHOTOCATALYSIS: APPLICATIONS*, 2016, 0, 92-129.
Song, Taeseup; Paik, Ungyu: *JOURNAL OF MATERIALS CHEMISTRY A*, 2016, 4, 14-31.
Wang, Faxing; Wang, Xiaowei; Chang, Zheng; Zhu, Yusong; Fu, Lijun; Liu, Xiang; Wu, Yuping: *NANOSCALE HORIZONS*, 2016, 1, 272-289.

Liu, Zhirong; Zheng, Hong; Yang, Hengxiang; Hao, Lin; Wen, Ling; Xu, Tongzhou; Wu, Siyuan: *RSC ADVANCES*, 2016, 6, 54215-54225.
Peng, Xiaoying; He, Zhoujun; Yang, Kai; Chen, Xun; Wang, Xuxu; Dai, Wenxin; Fu, Xianzhi: *APPLIED SURFACE SCIENCE*, 2016, 360, 698-706.
Bresser, Dominic; Kim, Guk-Tae; Binetti, Enrico; Striccoli, Marinella; Comparelli, Roberto; Seidel, Stefan; Ozkaya, Dogan; Copley, Mark; Bishop, Peter; Paillard, Elie; Passerini, Stefano: *JOURNAL OF POWER SOURCES*, 2015, 294, 406-413.
Li, Yu Hang; Peng, Chao; Yang, Shuang; Wang, Hai Feng; Yang, Hua Gui: *JOURNAL OF CATALYSIS*, 2015, 330, 120-128.
Zhang, Peng; Tachikawa, Takashi; Bian, Zhenfeng; Majima, Tetsuro: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2015, 176, 678-686.
Kullgren, Jolla; Aradi, Balint; Frauenheim, Thomas; Kavan, Ladislav; Deak, Peter: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2015, 119, 21952-21958.
Wu, Qili; Yang, Xianfeng; Zhou, Wuzong; Gao, Qiong; Lu, Fengqi; Zhuang, Jianle; Xu, Xianfang; Wu, Mingmei; Fan, Hong Jin: *ADVANCED MATERIALS INTERFACES*, 2015, 2, -.
Lei, Bing-Xin; Zhang, Ping; Xie, Min-Li; Li, Yi; Wang, Shu-Nuo; Yu, Yuan-Yuan; Sun, Wei; Sun, Zhen-Fan: *ELECTROCHIMICA ACTA*, 2015, 173, 497-505.
Yan, Xiaodong; Wang, Zhihui; He, Min; Hou, Zhaohui; Xia, Ting; Liu, Gao; Chen, Xiaobo: *ENERGY TECHNOLOGY*, 2015, 3, 801-814.
Liu, Gang; Yin, Li-Chang; Pan, Jian; Li, Feng; Wen, Lei; Zhen, Chao; Cheng, Hui-Ming: *ADVANCED MATERIALS*, 2015, 27, 3507-3512.
Wang, Bei; Bai, Yang; Xing, Zheng; Hulicova-Jurcakova, Denisa; Wang, Lianzhou: *CHEMNANOMAT*, 2015, 1, 96-101.
Stoerzinger, Kelsey A.; Lu, Weiming; Li, Changjian; Ariando; Venkatesan, T.; Shao-Horn, Yang: *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2015, 6, 1435-1440.
Laskova, Barbora; Moehl, Thomas; Kavan, Ladislav; Zukalova, Marketa; Liu, Xianjie; Yella, Aswani; Comte, Pascal; Zukal, Arnost; Nazeeruddin, Mohammad Khaja; Graetzel, Michael: *ELECTROCHIMICA ACTA*, 2015, 160, 296-305.
Filippo, Emanuela; Carlucci, Claudia; Capodilupo, Agostina Lina; Perulli, Patrizia; Conciauro, Francesca; Corrente, Giuseppina Anna; Gigli, Giuseppe; Ciccarella, Giuseppe: *APPLIED SURFACE SCIENCE*, 2015, 331, 292-298.
Wu, Liming; Bresser, Dominic; Buchholz, Daniel; Giffin, Guinevere A.; Castro, Claudia Ramirez; Ochel, Anders; Passerini, Stefano: *ADVANCED ENERGY MATERIALS*, 2015, 5, -.
Xu, Tongzhou; Zheng, Hong; Zhang, Pengyi; Lin, Wei; Sekiguchi, Yumiko: *JOURNAL OF MATERIALS CHEMISTRY A*, 2015, 3, 19115-19122.
Hsieh, Andrew G.; Punckt, Christian; Aksay, Ilhan A.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2015, 162, A1566-A1573.
Chen, Wei; Kuang, Qin; Wang, Qiuxiang; Xie, Zhaoxiong: *RSC ADVANCES*, 2015, 5, 20396-20409.
Cheng, Xun-Liang; Hu, Ming; Huang, Rong; Jiang, Ji-Sen: *ACS APPLIED MATERIALS & INTERFACES*, 2014, 6, 19176-19183.
Ju, Ming-Gang; Wang, Xiang; Liang, WanZhen; Zhao, Yi; Li, Can: *JOURNAL OF MATERIALS CHEMISTRY A*, 2014, 2, 17005-17014.
Liu, Gang; Yang, Hua Gui; Pan, Jian; Yang, Yong Qiang; Lu, Gao Qing (Max); Cheng, Hui-Ming: *CHEMICAL REVIEWS*, 2014, 114, 9559-9612.
Bourikas, Kyriakos; Kordulis, Christos; Lycourghiotis, Alexis: *CHEMICAL REVIEWS*, 2014, 114, 9754-9823.
Sun, Weiwei; Sun, Kang; Peng, Tao; You, Sujian; Liu, Haiming; Liang, Liangliang; Guo, Shishang; Zhao, Xing-Zhong: *JOURNAL OF POWER SOURCES*, 2014, 262, 86-92.
Kavan, Ladislav: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2014, 18, 2297-2306.
Rex, Riley E.; Knorr, Fritz J.; McHale, Jeanne L.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2014, 118, 16831-16841.
O'Donnell, Ryan M.; Sampaio, Renato N.; Barr, Timothy J.; Meyer, Gerald J.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2014, 118, 16976-16986.
Sun, Weiwei; Peng, Tao; Liu, Yumin; Yu, Wenjing; Zhang, Kun; Mehnane, Hadja Fatima; Bu, Chenghao; Guo, Shishang; Zhao, Xing-Zhong: *ACS APPLIED MATERIALS & INTERFACES*, 2014, 6, 9144-9149.
Nguyen, Loc H.; Aravindan, Vanchiappan; Kulkarni, Sneha A.; Yanan, Fang; Prabhakar, Rajiv Ramanujam; Batabyal, Sudip K.; Madhavi, Srinivasan: *CHEMELECTROCHEM*, 2014, 1, 539-543.
Augustyn, Veronica; White, Edward R.; Ko, Jesse; Gruener, George; Regan, Brian C.; Dunn, Bruce: *MATERIALS HORIZONS*, 2014, 1, 219-223.
Ong, Wee-Jun; Tan, Lling-Lling; Chai, Siang-Piao; Yong, Siek-Ting; Mohamed, Abdul Rahman: *CHEMSUSCHEM*, 2014, 7, 690-719.
Bresser, Dominic; Oschmann, Bernd; Tahir, Muhammad Nawaz; Tremel, Wolfgang; Zentel, Rudolf; Passerini, Stefano: *JOURNAL OF POWER SOURCES*, 2014, 248, 852-860.
Luttrell, Tim; Halpegamage, Sandamali; Tao, Junguang; Kramer, Alan; Sutter, Eli; Batzill, Matthias: *SCIENTIFIC REPORTS*, 2014, 4, -.
Mao, Minglei; Mei, Lin; Guo, Di; Wu, Lichen; Zhang, Dan; Li, Qiuhong; Wang, Taihong: *NANOSCALE*, 2014, 6, 12350-12353.
Stefanov, B.; Granqvist, C. G.; Osterlund, L.: *INERA WORKSHOP: TRANSITION METAL OXIDE THIN FILMS-FUNCTIONAL LAYERS IN SMART WINDOWS AND WATER SPLITTING DEVICES. PARALLEL SESSION OF THE 18TH INTERNATIONAL SCHOOL ON CONDENSED MATTER PHYSICS*, 2014, 559, -.
Li, Li; Salvador, Paul A.; Rohrer, Gregory S.: *NANOSCALE*, 2014, 6, 24-42.

Peng, Wenqin; Yang, Xudong; Chen, Zhenhua; Zhang, Jing; Chen, Han; Zhang, Kun; Han, Liyuan: *CHEMSUSCHEM*, 2014, 7, 172-178.
Maitani, Masato M.; Zhan, Conghong; Mochizuki, Dai; Suzuki, Eiichi; Wada, Yuji: *CATALYSIS SCIENCE & TECHNOLOGY*, 2014, 4, 871-877.
Laskova, Barbora; Frank, Otakar; Zukalova, Marketa; Bousa, Milan; Dracinsky, Martin; Kavan, Ladislav: *CHEMISTRY OF MATERIALS*, 2013, 25, 3710-3717.
Gottesman, Ronen; Tirosh, Shay; Barad, Hannah-Noa; Zaban, Arie: *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2013, 4, 2822-2828.
Knorr, Fritz J.; McHale, Jeanne L.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2013, 117, 13654-13662.
Han, Xiguang; Zhou, Fan; Li, Liang; Wang, Chao: *CHEMISTRY-AN ASIAN JOURNAL*, 2013, 8, 1399-1403.
Wang Xiang; Li Ren-Gui; Xu Qian; Han Hong-Xian; Li Can: *ACTA PHYSICO-CHIMICA SINICA*, 2013, 29, 1566-1571.
Jiang, Chunhai; Zhang, Jinsong: *JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY*, 2013, 29, 97-122.
Suzuki, Shinya; Miyayama, Masaru: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2013, 160, A293-A296.
Hong, Na-Yeong; Seo, Hyunwoong; Son, Min-Kyu; Kim, Soo-Kyoung; Park, Song-Yi; Prabakar, Kandasamy; Kim, Hee-Je: *INTERNATIONAL JOURNAL OF PHOTOENERGY*, 2013, 2013, -.
Syres, Karen L.; Thomas, Andrew G.; Flavell, Wendy R.; Spencer, Ben F.; Bondino, Federica; Malvestuto, Marco; Preobrajenski, Alexei; Graetzel, Michael: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2012, 116, 23515-23525.
Fang, Wen Qi; Yang, Xiao Hua; Zhu, Hongjun; Li, Zhen; Zhao, Huijun; Yao, Xiangdong; Yang, Hua Gui: *JOURNAL OF MATERIALS CHEMISTRY*, 2012, 22, 22082-22089.
Zhang, Yiling; Schultz, Andrew M.; Li, Li; Chien, Harry; Salvador, Paul A.; Rohrer, Gregory S.: *ACTA MATERIALIA*, 2012, 60, 6486-6493.
Tao, Junguang; Cuan, Qian; Gong, Xue-Qing; Batzill, Matthias: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2012, 116, 20438-20446.
Laskova, Barbora; Zukalova, Marketa; Kavan, Ladislav; Chou, Alison; Liska, Paul; Wei, Zhang; Bin, Liu; Kubat, Pavel; Ghadiri, Elham; Moser, Jacques E.; Graetzel, Michael: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2012, 16, 2993-3001.
De Angelis, Filippo; Vitillaro, Giuseppe; Kavan, Ladislav; Nazeeruddin, Mohammad. K.; Graetzel, Michael: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2012, 116, 18124-18131.
Liu, Jiehua; Liu, Xue-Wei: *ADVANCED MATERIALS*, 2012, 24, 4097-4111.
Buonsanti, Raffaella; Pick, Teresa E.; Krins, Natacha; Richardson, Thomas J.; Helms, Brett A.; Milliron, Delia J.: *NANO LETTERS*, 2012, 12, 3872-3877.
Chen, Jun Song; Lou, Xiong Wen (David): *MATERIALS TODAY*, 2012, 15, 246-254.
Xing, Jun; Fang, Wen Qi; Li, Zhen; Yang, Hua Gui: *INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH*, 2012, 51, 4247-4253.
Dylla, Anthony G.; Lee, Jonathan A.; Stevenson, Keith J.: *LANGMUIR*, 2012, 28, 2897-2903.
Kavan, Ladislav: *CHEMICAL RECORD*, 2012, 12, 131-142.
Martsinovich, Natalia; Troisi, Alessandro: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2012, 14, 13392-13401.
Kavan, Ladislav: *INTERNATIONAL JOURNAL OF NANOTECHNOLOGY*, 2012, 9, 652-679.
Wang, Xiang; Xu, Qian; Li, Mingrun; Shen, Shuai; Wang, Xiuli; Wang, Yaochuan; Feng, Zhaochi; Shi, Jingying; Han, Hongxian; Li, Can: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2012, 51, 13089-13092.
Wu, Hao Bin; Chen, Jun Song; Hng, Huey Hoon; Lou, Xiong Wen (David): *NANOSCALE*, 2012, 4, 2526-2542.
Birkel, Alexander; Lee, Yong-Gun; Koll, Dominik; Van Meerbeek, Xavier; Frank, Stefan; Choi, Mi Jin; Kang, Yong Soo; Char, Kookheon; Tremel, Wolfgang: *ENERGY & ENVIRONMENTAL SCIENCE*, 2012, 5, 5392-5400.
Griffith, Matthew J.; James, Michael; Triani, Gerry; Wagner, Pawel; Wallace, Gordon G.; Officer, David L.: *LANGMUIR*, 2011, 27, 12944-12950.
Miao, Yigao; Gao, Jiacheng: *MICRO & NANO LETTERS*, 2011, 6, 848-851.
Liu, Shengwei; Yu, Jiaguo; Jaroniec, Mietek: *CHEMISTRY OF MATERIALS*, 2011, 23, 4085-4093.
Batzill, Matthias: *ENERGY & ENVIRONMENTAL SCIENCE*, 2011, 4, 3275-3286.
Henderson, Michael A.: *SURFACE SCIENCE REPORTS*, 2011, 66, 185-297.
Suzuki, Tohru S.; Uchikoshi, Tetsuo; Sakka, Yoshio: *JOURNAL OF THE CERAMIC SOCIETY OF JAPAN*, 2011, 119, 334-337.
Fang, Wen Qi; Gong, Xue-Qing; Yang, Hua Gui: *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2011, 2, 725-734.
Lee, Jian-Hong; Hon, Min-Hsiung; Chung, Yi-Wen; Leu, Ing-Chi: *APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING*, 2011, 102, 545-550.
Chen, Jun Song; Liu, Hao; Qiao, Shi Zhang; Lou, Xiong Wen (David): *JOURNAL OF MATERIALS CHEMISTRY*, 2011, 21, 5687-5692.
Chen, Jun Song; Archer, Lynden A.; Lou, Xiong Wen (David): *JOURNAL OF MATERIALS CHEMISTRY*, 2011, 21, 9912-9924.
Burbure, Nina V.; Salvador, Paul A.; Rohrer, Gregory S.: *CHEMISTRY OF MATERIALS*, 2010, 22, 5831-5837.
Yu, Jiaguo; Qi, Lifang; Jaroniec, Mietek: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2010, 114, 13118-13125.
Hussain, Akhtar; Gracia, Jose; Nieuwenhuys, Ben E.; Niemantsverdriet, J. W. (Hans): *CHEMPHYSCHEM*, 2010, 11, 2375-2382.

Shim, Hyun-Woo; Lee, Duk Kyu; Cho, In-Sun; Hong, Kug Sun; Kim, Dong-Wan: *NANOTECHNOLOGY*, 2010, 21, -.
Bousa, Milan; Laskova, Barbora; Zukalova, Marketa; Prochazka, Jan; Chou, Alison; Kavan, Ladislav: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2010, 157, A1108-A1112.
Sun, Cheng Hua; Yang, Xiao Hua; Chen, Jun Song; Li, Zhen; Lou, Xiong Wen (David); Li, Chunzhong; Smith, Sean C.; Lu, Gao Qing (Max); Yang, Hua Gui: *CHEMICAL COMMUNICATIONS*, 2010, 46, 6129-6131.
Li, Jianming; Xu, Dongsheng: *CHEMICAL COMMUNICATIONS*, 2010, 46, 2301-2303.
Hamers, Robert J.; Chambers, Scott A.; Evans, Paul E.; Franking, Ryan; Gerbec, Zachary; Gopalan, Padma; Kim, Heesuk; Landis, Elizabeth C.; Li, Bo; McCoy, Michael W.; Ohsawa, Takeo; Ruther, Rose: *PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 7, NO 2*, 2010, 7, 200-205.
Kawakita, Mamiko; Kawakita, Jin; Sakka, Yoshio; Shinohara, Tadashi: *JOURNAL OF MATERIALS RESEARCH*, 2010, 25, 63-68.
Kawakita, Mamiko; Kawakita, Jin; Sakka, Yoshio; Shinohara, Tadashi: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2010, 157, H65-H68.
Wu, Kee-Rong; Hung, Chung-Hsuang: *APPLIED SURFACE SCIENCE*, 2009, 256, 1595-1603.
Kerisit, Sebastien; Rosso, Kevin M.; Yang, Zhenguo; Liu, Jun: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 20998-21007.
Pfanzelt, Manuel; Kubiak, Pierre; Hoermann, Ute; Kaiser, Ute; Wohlfahrt-Mehrens, Margret: *IONICS*, 2009, 15, 657-663.
Wu, Kee-Rong; Hung, Chung-Hsuang; Tsai, Meng-Hsiu: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2009, 92, 357-366.
Kawakita, Mamiko; Uchikoshi, Tetsuo; Kawakita, Jin; Sakka, Yoshio: *JOURNAL OF THE AMERICAN CERAMIC SOCIETY*, 2009, 92, 984-989.
Kawakita, Mamiko; Kawakita, Jin; Uchikoshi, Tetsuo; Sakka, Yoshio: *JOURNAL OF MATERIALS RESEARCH*, 2009, 24, 1417-1421.
Kislov, Nikolai; Lahiri, Jayeeta; Verma, Himanshu; Goswami, D. Yogi; Stefanakos, Elias; Batzill, Matthias: *LANGMUIR*, 2009, 25, 3310-3315.
Panduwinata, Dwi; Gale, Julian D.: *JOURNAL OF MATERIALS CHEMISTRY*, 2009, 19, 3931-3940.
Amano, Fumiaki; Yasumoto, Taikei; Prieto-Mahaney, Orlando-Omar; Uchida, Satoshi; Shibayama, Tamaki; Ohtani, Bunsho: *CHEMICAL COMMUNICATIONS*, 2009, 0, 2311-2313.
Kawakita, Mamiko; Uchikoshi, Tetsuo; Besra, Laxmidhar; Suzuki, Tohru S.; Kawakita, Jin; Sakka, Yoshio: *ELECTROPHORETIC DEPOSITION: FUNDAMENTALS AND APPLICATIONS III*, 2009, 412, 143-+.
Blomquist, J.; Walle, L. E.; Uvdal, P.; Borg, A.; Sandell, A.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2008, 112, 16616-16621.
Gubbala, Suresh; Chakrapani, Vidhya; Kumar, Vivekanand; Sunkara, Mahendra K.: *ADVANCED FUNCTIONAL MATERIALS*, 2008, 18, 2411-2418.
Ueda, M.; Uchibayashi, Y.; Otsuka-Yao-Matsuo, S.; Okura, T.: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2008, 459, 369-376.
Kubiaka, P.; Geserick, J.; Huesing, N.; Wohfahrt-Mehrens, A.: *JOURNAL OF POWER SOURCES*, 2008, 175, 510-516.
Engel, Clifford J.; Polson, Thomas A.; Spado, Jacy R.; Bell, Jennifer M.; Fillinger, Akiko: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2008, 155, F37-F42.
Wang, John; Polleux, Julien; Lim, James; Dunn, Bruce: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2007, 111, 14925-14931.
O'Regan, Brian C.; Durrant, James R.; Sommeling, Paul M.; Bakker, Nicolaas J.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2007, 111, 14001-14010.
Gemming, S.; Janisch, R.; Schreiber, M.; Spaldin, N. A.: *PHYSICAL REVIEW B*, 2007, 76, -.
Wang, L. C.; de Tacconi, N. R.; Chenthamarakshan, C. R.; Rajeshwar, K.; Tao, M.: *THIN SOLID FILMS*, 2007, 515, 3090-3095.
Wagemaker, Marnix; Borghols, Wouter J. H.; van Eck, Ernst R. H.; Kentgens, Arno P. M.; Kearley, Gordon L.; Mulder, Fokko M.: *CHEMISTRY-A EUROPEAN JOURNAL*, 2007, 13, 2023-2028.
Wang, Donghai; Liu, Jun; Huo, Qisheng; Nie, Zimin; Lu, Weigang; Williford, Rick E.; Jiang, Ying-Bing: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2006, 128, 13670-13671.
Olson, Carol L.; Nelson, Jenny; Islam, M. Saiful: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2006, 110, 9995-10001.
Vuk, AS; Jese, R; Gaberscek, M; Orel, B; Drazic, G: *SOLAR ENERGY MATERIALS AND SOLAR CELLS*, 2006, 90, 452-468.
Uchikoshi, T; Suzuki, TS; Iimura, S; Tang, FQ; Sakka, Y: *JOURNAL OF THE EUROPEAN CERAMIC SOCIETY*, 2006, 26, 559-563.
Zukalova, M; Kalbac, M; Kavan, L; Exnar, I; Graetzel, M: *CHEMISTRY OF MATERIALS*, 2005, 17, 1248-1255.
Attia, A; Zukalova, M; Rathousky, J; Zukal, A; Kavan, L: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2005, 9, 138-145.
Nakamura, R; Ohashi, N; Imanishi, A; Osawa, T; Matsumoto, Y; Koinuma, H; Nakato, Y: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2005, 109, 1648-1651.
Kavan, L; Kalbac, M; Zukalova, M; Exnar, I; Lorenzen, V; Nesper, R; Graetzel, M: *CHEMISTRY OF MATERIALS*, 2004, 16, 477-485.
Kavan, L; Zukalova, MT; Kalbac, M; Graetzel, M: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2004, 151, A1301-A1307.
Diebold, U; Ruzycki, N; Herman, GS; Selloni, A: *CATALYSIS TODAY*, 2003, 85, 93-100.

Kavan, L; Prochazka, J; Spitler, TM; Kalbac, M; Zukalova, MT; Drezen, T; Gratzel, M: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2003, 150, A1000-A1007.
Ruzycki, N; Herman, GS; Boatner, LA; Diebold, U: *SURFACE SCIENCE*, 2003, 529, L239-L244.
Herman, GS; Dohnalek, Z; Ruzycki, N; Diebold, U: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2003, 107, 2788-2795.
Diebold, U: *SURFACE SCIENCE REPORTS*, 2003, 48, 53-229.
Deng, HH; Zhang, H; Lu, ZH: *CHEMICAL PHYSICS LETTERS*, 2002, 363, 509-514.
Fillinger, A; Soltz, D; Parkinson, BA: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2002, 149, A1146-A1156.
Oliva, FY; Avalle, LB; Santos, E; Camara, OR: *JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY*, 2002, 146, 175-188.
Kavan, L; Rathousky, J; Gratzel, M; Shklover, V; Zukal, A: *MICROPOROUS AND MESOPOROUS MATERIALS*, 2001, 44, 653-659.
Sakai, N; Fujishima, A; Watanabe, T; Hashimoto, K: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2001, 105, 3023-3026.
Sugiharto; Yamamoto, S; Sumita, T; Miyashita, A: *JOURNAL OF PHYSICS-CONDENSED MATTER*, 2001, 13, 2875-2881.
Kavan, L; Rathousky, J; Gratzel, M; Shklover, V; Zukal, A: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2000, 104, 12012-12020.
Kavan, L; Attia, A; Lenzmann, F; Elder, SH; Gratzel, M: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2000, 147, 2897-2902.
Hengerer, R; Bolliger, B; Erbudak, M; Gratzel, M: *SURFACE SCIENCE*, 2000, 460, 162-169.
Hengerer, R; Kavan, L; Bolliger, B; Erbudak, M; Graetzel, M: *MATERIALS SCIENCE OF NOVEL OXIDE-BASED ELECTRONICS*, 2000, 623, 43-49.

17. Krtil, P.; Fattakhova, D.; Kavan, L.; Burnside, S.; Gratzel, M.; Lithium insertion into self-organized mesoscopic TiO_2 (anatase) electrodes. *Solid State Ionics* **2000**, *135* (1-4), 101-106. IF=3.785 , Počet citací: 52

Citováno v:
Mehraz, Saida; Luo, Wenpo; Swiatowska, Jolanta; Bezzazi, Boudjema; Taleb, Abdelhafed: *MATERIALS*, 2021, 14, -.
Carey, John J.; McKenna, Keith P.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 22358-22367.
Auer, Andrea; Kunze-Liebhaeuser, Julia: *SMALL METHODS*, 2019, 3, -.
Zhang, Yuyao; Li, Jun; Li, Wenyao; Kang, Danning: *MATERIALS*, 2019, 12, -.
Zhang, Wanggang; Liu, Yiming; Li, Wenyi; Liang, Wei; Yang, Fuqian: *APPLIED SURFACE SCIENCE*, 2019, 476, 948-958.
Vekariya, Rohit L.; Dhar, Abhishek; Paul, Pabitra Kumar; Roy, Subhasis: *IONICS*, 2018, 24, 1-17.
Zong, Yunpeng; Liu, Yong; Zhao, Wenxia; Zhang, Hao; Li, Baojun; Zhou, Xiang; Shen, Hui: *ELECTROCHIMICA ACTA*, 2015, 180, 658-665.
Zhang, Jiwei; Zhang, Jingwei; Ren, Huanhuan; Yu, Laigui; Wu, Zhishen; Zhang, Zhijun: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2014, 609, 178-184.
Song, Hee Jo; Kim, Jae-Chan; Roh, Hee-Suk; Lee, Chan Woo; Park, Sangbaek; Kim, Dong-Wan; Hong, Kug Sun: *MATERIALS CHARACTERIZATION*, 2014, 96, 13-20.
Kavan, Ladislav: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2014, 18, 2297-2306.
Yan, Zichao; Liu, Li; Guo, Haipeng; Tan, Jinli; Shu, Hongbo; Yang, Xiukang; Hu, Hai; Zhou, Qian; Huang, Zhifeng; Wang, Xianyou: *ELECTROCHIMICA ACTA*, 2014, 123, 551-559.
Xu, Wei; Wang, Zhiyong; Guo, Zhengduo; Liu, Yang; Zhou, Nengzhi; Niu, Ben; Shi, Zujin; Zhang, Hao: *JOURNAL OF POWER SOURCES*, 2013, 232, 193-198.
Jiang, Yan-Mei; Wang, Kai-Xue; Zhang, Hao-Jie; Guo, Xing-Xing; Wang, Jing-Feng; Li, Guo-Dong; Chen, Jie-Sheng: *RSC ADVANCES*, 2013, 3, 26052-26058.
Zhang, Jiwei; Zhang, Jingwei; Jin, Zhensheng; Wu, Zhishen; Zhang, Zhijun: *IONICS*, 2012, 18, 861-866.
De Angelis, Filippo; Vitillaro, Giuseppe; Kavan, Ladislav; Nazeeruddin, Mohammad. K.; Graetzel, Michael: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2012, 116, 18124-18131.
Kavan, Ladislav: *CHEMICAL RECORD*, 2012, 12, 131-142.
Ali, Zahid; Cha, Seung Nam; Sohn, Jung Inn; Shakir, Imran; Yan, Changzeng; Kim, Jong Min; Kang, Dae Joon: *JOURNAL OF MATERIALS CHEMISTRY*, 2012, 22, 17625-17629.
Kavan, Ladislav: *INTERNATIONAL JOURNAL OF NANOTECHNOLOGY*, 2012, 9, 652-679.
Lee, Jian-Hong; Hon, Min-Hsiung; Chung, Yi-Wen; Leu, Ing-Chi: *APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING*, 2011, 102, 545-550.
Wang, Jie; Zhou, Yingke; Hu, Yuanyuan; O'Hayre, Ryan; Shao, Zongping: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2011, 115, 2529-2536.
Jia Wei; Xu Mao-Wen; Bao Shu-Juan; Jia Dian-Zeng: *JOURNAL OF INORGANIC MATERIALS*, 2010, 25, 1335-1339.
Jin, Yun-Ho; Lee, Seung-Hun; Shim, Hyun-Woo; Ko, Kyung Hyun; Kim, Dong-Wan: *ELECTROCHIMICA ACTA*, 2010, 55, 7315-7321.
Yi Jin; Tan Chunlin; Li Weishan; Lei Jianfei; Hao Liansheng: *RARE METALS*, 2010, 29, 505-510.
Choi, Min Gyu; Lee, Young-Gi; Song, Seung-Wan; Kim, Kwang Man: *ELECTROCHIMICA ACTA*, 2010, 55, 5975-5983.

Nam, Sang Hoon; Shim, Hee-Sang; Kim, Youn-Su; Dar, Mushtaq Ahmad; Kim, Jong Guk; Kim, Won Bae: *ACS APPLIED MATERIALS & INTERFACES*, 2010, 2, 2046-2052.
Das, Shyamal K.; Patel, Manu; Bhattacharyya, Aninda J.: *ACS APPLIED MATERIALS & INTERFACES*, 2010, 2, 2091-2099.
Zhao, Sen; Bai, Ying; Zhang, Wei-Feng: *ELECTROCHIMICA ACTA*, 2010, 55, 3891-3896.
Pfanzelt, Manuel; Kubiak, Pierre; Hoermann, Ute; Kaiser, Ute; Wohlfahrt-Mehrens, Margret: *IONICS*, 2009, 15, 657-663.
Wang, Jipeng; Bai, Ying; Wu, Muying; Yin, Jiang; Zhang, W. F.: *JOURNAL OF POWER SOURCES*, 2009, 191, 614-618.
Lindsay, M. J.; Skyllas-Kazacos, M.; Luca, V.: *ELECTROCHIMICA ACTA*, 2009, 54, 3501-3509.
Wang, Yunfei; Wu, Muying; Zhang, W. F.: *ELECTROCHIMICA ACTA*, 2008, 53, 7863-7868.
Kubiaka, P.; Geserick, J.; Huesing, N.; Wohfahrt-Mehrens, A.: *JOURNAL OF POWER SOURCES*, 2008, 175, 510-516.
Lindsay, M. J.; Blackford, M. G.; Attard, D. J.; Luca, V.; Skyllas-Kazacos, M.; Griffith, C. S.: *ELECTROCHIMICA ACTA*, 2007, 52, 6401-6411.
Chen, Xiaobo; Mao, Samuel S.: *CHEMICAL REVIEWS*, 2007, 107, 2891-2959.
He, Ben-Lin; Dong, Bin; Li, Hu-Lin: *ELECTROCHEMISTRY COMMUNICATIONS*, 2007, 9, 425-430.
Fattakhova-Rohlfing, Dina; Wark, Michael; Brezesinski, Torsten; Smarsly, Bernd M.; Rathousky, Jiri: *ADVANCED FUNCTIONAL MATERIALS*, 2007, 17, 123-132.
Kostlánová, Tereza; Dědeček, Jiri; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2007, 52, 1847-1856.
Subramanian, V.; Karki, A.; Gnanasekar, K. I.; Eddy, Fannie Posey; Rambabu, B.: *JOURNAL OF POWER SOURCES*, 2006, 159, 186-192.
Vuk, AS; Jese, R; Gaberscek, M; Orel, B; Drazic, G: *SOLAR ENERGY MATERIALS AND SOLAR CELLS*, 2006, 90, 452-468.
Lo, AYH; Schurko, RW; Vettraino, M; Skadtchenko, BO; Trudeau, M; Antonelli, DM: *INORGANIC CHEMISTRY*, 2006, 45, 1828-1838.
Koudriachova, Marina V.; Harrison, N. M.: *JOURNAL OF MATERIALS CHEMISTRY*, 2006, 16, 1973-1977.
Fu, LJ; Liu, H; Li, C; Wu, YP; Rahm, E; Holze, R; Wu, HQ: *PROGRESS IN MATERIALS SCIENCE*, 2005, 50, 881-928.
Koudriachova, MV; Harrison, NM; de Leeuw, SW: *SOLID STATE IONICS*, 2004, 175, 829-834.
Sun, XD; Ma, CL; Wang, YD; Li, HD: *NANOTECHNOLOGY*, 2004, 15, 1535-1538.
Long, JW; Dunn, B; Rolison, DR; White, HS: *CHEMICAL REVIEWS*, 2004, 104, 4463-4492.
Wagemaker, M; Lutzenkirchen-Hecht, D; van Well, AA; Frahm, R: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2004, 108, 12456-12464.
Koudriachova, MV; de Leeuw, SW; Harrison, NM: *PHYSICAL REVIEW B*, 2004, 69, -.
Zhou, YK; Cao, L; Zhang, FB; He, BL; Li, HL: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2003, 150, A1246-A1249.
Koudriachova, MV; Harrison, NM; de Leeuw, SW: *SOLID STATE IONICS*, 2002, 152, 189-194.
Koudriachova, MV; Harrison, NM; de Leeuw, SW: *MODELING AND NUMERICAL SIMULATION OF MATERIALS BEHAVIOR AND EVOLUTION*, 2002, 731, 149-154.
Fattakhova, D; Krtil, P: *NANOPHASE AND NANOCOMPOSITE MATERIALS IV*, 2002, 703, 165-169.
Kavan, L; Rathousky, J; Gratzel, M; Shklover, V; Zukal, A: *MICROPOROUS AND MESOPOROUS MATERIALS*, 2001, 44, 653-659.

18. Fattakhova, D.; Kavan, L.; Krtil, P.; Lithium insertion into titanium dioxide (anatase) electrodes: microstructure and electrolyte effects. *Journal of Solid State Electrochemistry* **2001**, *5* (3), 196-204 IF=2.647 , Počet citací: 38.

Citováno v:
Lantelme, Frederic; Ma, Jiwei; Dambournet, Damien: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2020, 167, -.
Ma, Jiwei; Li, Wei; Morgan, Benjamin J.; Swiatowska, Jolanta; Baddour-Hadjean, Rita; Body, Monique; Legein, Christophe; Borkiewicz, Olaf J.; Leclerc, Sandrine; Groult, Henri; Lantelme, Frederic; Laberty-Robert, Christel; Dambournet, Damien: *CHEMISTRY OF MATERIALS*, 2018, 30, 3078-3089.
Gaikwad, Pramod; Misal, Mahavir; Khaire, Siddhi; Raafik, Abdul; Aralekallu, Shambhulinga; Varhade, Swapnil; Bhat, Zahid Manzoor; Kottaichamy, Alagar Raja; Devendrachari, Mruthyunjayachari Chattanahalli; Gautam, Manu; Thotiyl, Musthafa Ottakam: *ADVANCED MATERIALS TECHNOLOGIES*, 2018, 3, -.
Narayana, A. Lakshmi; Dhananjaya, M.; Prakash, N. Guru; Hussain, O. M.; Julien, C. M.: *IONICS*, 2017, 23, 3419-3428.
Koketsu, Toshinari; Ma, Jiwei; Morgan, Benjamin J.; Body, Monique; Legein, Christophe; Dachraoui, Walid; Giannini, Mattia; Demortiere, Arnaud; Salanne, Mathieu; Dardoize, Francois; Groult, Henri; Borkiewicz, Olaf J.; Chapman, KarenaW.; Strasser, Peter; Dambournet, Damien: *NATURE MATERIALS*, 2017, 16, 1142-+.
Ma, Jiwei; Reeves, Kyle G.; Gutierrez, Ana-Gabriela Porras; Body, Monique; Legein, Christophe; Kakinuma, Katsuyoshi; Borkiewicz, Olaf J.; Chapman, Karena W.; Groult, Henri; Salanne, Mathieu; Dambournet, Damien: *CHEMISTRY OF MATERIALS*, 2017, 29, 8313-8324.
He, Shaoyang; Habte, Bereket Tsegai; Jiang, Fangming: *SOLID STATE IONICS*, 2016, 296, 146-153.
He, Shaoyang; Zeng, Jianbang; Habte, Bereket Tsegai; Jiang, Fangming: *SCIENCE BULLETIN*, 2016, 61, 656-664.
Cannavale, Alessandro; Cossari, Pierluigi; Eperon, Giles E.; Colella, Silvia; Fiorito, Francesco; Gigli, Giuseppe; Snaith, Henry J.; Listorti, Andrea: *ENERGY & ENVIRONMENTAL SCIENCE*, 2016, 9, 2682-2719.

He Shao-Yang; Zeng Jian-Bang; Jiang Fang-Ming: *JOURNAL OF INORGANIC MATERIALS*, 2015, 30, 906-912.
Opitz, Martin; Yue, Junpei; Wallauer, Jens; Smarsly, Bernd; Ruling, Bernhard: *ELECTROCHIMICA ACTA*, 2015, 168, 125-132.
Ye, Xiaomin; Zhang, Wenjing; Liu, Qianjin; Wang, Shuping; Yang, Yanzhao; Wei, Huiying: *NEW JOURNAL OF CHEMISTRY*, 2015, 39, 130-135.
Kavan, Ladislav: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2014, 18, 2297-2306.
Kavan, Ladislav: *CHEMICAL RECORD*, 2012, 12, 131-142.
Kavan, Ladislav: *INTERNATIONAL JOURNAL OF NANOTECHNOLOGY*, 2012, 9, 652-679.
Lee, Jian-Hong; Hon, Min-Hsiung; Chung, Yi-Wen; Leu, Ing-Chi: *APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING*, 2011, 102, 545-550.
Lin, Yong-Mao; Abel, Paul R.; Flaherty, David W.; Wu, Jing; Stevenson, Keith J.; Heller, Adam; Mullins, C. Buddie: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2011, 115, 2585-2591.
Dziewonski, Pawel Marek; Grzeszczuk, Maria: *ELECTROCHIMICA ACTA*, 2010, 55, 3336-3347.
Liu, Dawei; Zhang, Yunhuai; Xiao, Peng; Garcia, Betzaida Batalla; Zhang, Qifeng; Zhou, Xiaoyuan; Jeong, Yoon-Ha; Cao, Guozhong: *ELECTROCHIMICA ACTA*, 2009, 54, 6816-6820.
Dziewonski, Pawel Marek; Grzeszczuk, Maria: *JOURNAL OF POWER SOURCES*, 2009, 190, 545-552.
Wang, Yude; Chen, Ting: *ELECTROCHIMICA ACTA*, 2009, 54, 3510-3515.
Liu, Dawei; Zhang, Yunhuai; Xiao, Peng; Garcia, Betzaida Batalla; Zhang, Qifeng; Zhou, Xiaoyuan; Cao, Guozhong: *CLEAN TECHNOLOGY 2009: BIOENERGY, RENEWABLES, STORAGE, GRID, WASTE AND SUSTAINABILITY*, 2009, 0, 155-162.
Liu, Dawei; Zhang, Yunhuai; Xiao, Peng; Garcia, Betzaida Batalla; Zhang, Qifeng; Zhou, Xiaoyuan; Cao, Guozhong: *NANOTECH CONFERENCE & EXPO 2009, VOL 3, TECHNICAL PROCEEDINGS: NANOTECHNOLOGY 2009: BIOFUELS, RENEWABLE ENERGY, COATINGS FLUIDICS AND COMPACT MODELING*, 2009, 0, 50-+.
Liu, Dawei; Xiao, Peng; Zhang, Yunhuai; Garcia, Betzaida B.; Zhang, Qifeng; Guo, Qing; Champion, Richard; Cao, Guozhong: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2008, 112, 11175-11180.
Ivanishchev, A. V.; Churikovz, A. V.; Ivanishcheva, I. A.; Zapsis, K. V.; Gamayunova, I. M.: *RUSSIAN JOURNAL OF ELECTROCHEMISTRY*, 2008, 44, 510-524.
Kubiaka, P.; Geserick, J.; Huesing, N.; Wohfahrt-Mehrens, A.: *JOURNAL OF POWER SOURCES*, 2008, 175, 510-516.
Comisso, N.; Mengoli, G.: *JOURNAL OF APPLIED ELECTROCHEMISTRY*, 2007, 37, 949-959.
Fattakhova-Rohlfing, Dina; Wark, Michael; Brezesinski, Torsten; Smarsly, Bernd M.; Rathousky, Jiri: *ADVANCED FUNCTIONAL MATERIALS*, 2007, 17, 123-132.
Reiman, KH; Brace, KM; Gordon-Smith, TJ; Nandhakumar, I; Attard, GS; Owen, JR: *ELECTROCHEMISTRY COMMUNICATIONS*, 2006, 8, 517-522.
Deiss, E: *ELECTROCHIMICA ACTA*, 2005, 50, 2927-2932.
Sun, XD; Ma, CL; Wang, YD; Li, HD: *NANOTECHNOLOGY*, 2004, 15, 1535-1538.
Wagemaker, M; Lutzenkirchen-Hecht, D; van Well, AA; Frahm, R: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2004, 108, 12456-12464.
Lemon, BI; Liu, F; Hupp, JT: *COORDINATION CHEMISTRY REVIEWS*, 2004, 248, 1225-1230.
Pelouchova, H; Janda, P; Weber, J; Kavan, L: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2004, 566, 73-83.
Deiss, E: *ELECTROCHIMICA ACTA*, 2002, 47, 4027-4034.
Fattakhova, D; Krtil, P: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2002, 149, A1224-A1229.
Grygar, T; Marken, F; Schroder, U; Scholz, F: *COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS*, 2002, 67, 163-208.
Grygar, T; Bezdicka, P; Vorm, P; Jordanova, N; Krtil, P: *JOURNAL OF SOLID STATE CHEMISTRY*, 2001, 161, 152-160.

19. Grygar, T.; Bezdicka, P.; Vorm, P.; Jordanova, N.; Krtil, P.; Spinel solid solutions in the Li-Fe-Mn-O system. *Journal of Solid State Chemistry* **2001**, *161* (1), 152-160. IF= 3.498, Počet citací: 12

Citováno v:
Nipan, G. D.; Smirnova, M. N.; Kornilov, D. Yu; Kop'eva, M. A.; Nikiforova, G. E.; Gubin, S. P.: *JOURNAL OF PHASE EQUILIBRIA AND DIFFUSION*, 2020, 41, 819-826.
Al-Tabbakh, Ahmed A.; Karatepe, Nilgun; Al-Zubaidi, Aseel B.; Benchaabane, Aida; Mahmood, Natheer B.: *INTERNATIONAL JOURNAL OF ENERGY RESEARCH*, 2019, 43, 1903-1911.
Gracia, M.; Gancedo, J. R.; Gautier, J. L.; de la Figuera, J.; Marco, J. F.: *HYPERFINE INTERACTIONS*, 2019, 240, -.
Al-Tabbakh, Ahmed A. Ahmed; Kamarulzaman, Norlida: *JOURNAL OF ENERGY STORAGE*, 2015, 3, 36-42.
Al-Tabbakh, Ahmed A. Ahmed; Kamarulzaman, Norlida: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2014, 18, 2411-2418.
Gracia, M.; Marco, J. F.; Gancedo, J. R.; Ortiz, J.; Pastene, R.; Gautier, J. L.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2010, 114, 12792-12799.
Kikkawa, Jun; Akita, Tomoki; Tabuchi, Mitsuharu; Shikano, Masahiro; Tatsumi, Kuniaki; Kohyama, Masanori: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2009, 156, A839-A845.
Wende, C; Langbein, H: *CRYSTAL RESEARCH AND TECHNOLOGY*, 2006, 41, 18-26.
Grygar, T; Bezdicka, P; Dědeček, J; Petrovsky, E; Schneeweiss, O: *CERAMICS-SILIKATY*, 2003, 47, 32-39.

Gracia, M; Marco, JF; Gancedo, JR; Gautier, JL; Rios, EI; Menendez, N; Tornero, J: *JOURNAL OF MATERIALS CHEMISTRY*, 2003, 13, 844-851.
Grygar, T; Bezdicka, P; Hradil, D; Pikna, L: *SOLID STATE CHEMISTRY V*, 2003, 0, 45-49.
Grygar, T; Marken, F; Schroder, U; Scholz, F: *COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS*, 2002, 67, 163-208.

20. Krtil, P.; Fattakhova, D.; Li insertion into Li-Ti-O spinels: Voltammetric and electrochemical impedance spectroscopy study. *Journal of the Electrochemical Society* **2001**, *148* (9), A1045-A1050. IF=4.316 , Počet citací: 48

Citováno v:
Venugopal, Boya; Shown, Indrajit; Samireddi, Satyanarayana; Syum, Zeru; Krishnamoorthy, Vimal; Wu, Heng-Liang; Chu, Chih-Wei; Lee, Chih-Hao; Chen, Li-Chyong; Chen, Kuei-Hsien: *MATERIALS ADVANCES*, 2021, 2, 5672-5685.
Ivanishchev, A. V.; Ivanishcheva, I. A.: *RUSSIAN JOURNAL OF ELECTROCHEMISTRY*, 2020, 56, 907-928.
Lakshmi-Narayana, A.; Prakash, N. Guru; Dhananjaya, M.; Hussain, O. M.; Qiu, Ye Jun; Julien, C. M.: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2020, 24, 1371-1385.
Lakshmi-Narayana, A.; Dhananjaya, M.; Guru-Prakash, N.; Mauger, A.; Julien, C. M.; Hussain, O. M.: *HELIYON*, 2019, 5, -.
Phanikumar, V. V. N.; Rikka, Vallabha Rao; Das, Bijoy; Gopalan, Raghavan; Rao, B. V. Appa; Prakash, Raju: *IONICS*, 2019, 25, 2549-2561.
Stroe, Ana-Irina; Stroe, Daniel-Ioan; Knap, Vaclav; Swierczynski, Maciej; Teodorescu, Remus: *2018 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE)*, 2018, , 3857-3863.
Narayana, A. Lakshmi; Dhananjaya, M.; Prakash, N. Guru; Hussain, O. M.; Julien, C. M.: *IONICS*, 2017, 23, 3419-3428.
Jiang, Tonghu; Rudraraju, Shiva; Roy, Anindya; Van der Ven, Anton; Garikipati, Krishna; Falk, Michael L.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2016, 120, 27871-27881.
Qian, Shangshu; Yu, Haoxiang; Yan, Lei; Li, Peng; Lin, Xiaoting; Bai, Ying; Wang, Songjing; Long, Nengbing; Shui, Miao; Shu, Jie: *CERAMICS INTERNATIONAL*, 2016, 42, 6874-6882.
Yin, S. Y.; Feng, C. Q.; Wu, S. J.; Liu, H. L.; Ke, B. Q.; Zhang, K. L.; Chen, D. H.: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2015, 642, 1-6.
Shi, Jing; Liang, Yunhui; Li, Linlin; Peng, Yi; Yang, Huabin: *ELECTROCHIMICA ACTA*, 2015, 155, 125-131.
Giannuzzi, Roberto; Manca, Michele; De Marco, Luisa; Belviso, Maria R.; Cannavale, Alessandro; Sibillano, Teresa; Giannini, Cinzia; Cozzoli, P. Davide; Gigli, Giuseppe: *ACS APPLIED MATERIALS & INTERFACES*, 2014, 6, 1933-1943.
Nacimiento, Francisco; Gonzalez, Jose R.; Alcantara, Ricardo; Ortiz, Gregorio F.; Tirado, Jose L.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2013, 160, A3026-A3035.
Kim, Sooyeun; Taya, Minoru: *SOLAR ENERGY MATERIALS AND SOLAR CELLS*, 2012, 107, 225-229.
Kirillov, S. A.; Lisnycha, T. V.; Chernukhin, S. I.: *JOURNAL OF POWER SOURCES*, 2011, 196, 2221-2226.
Jia Wei; Xu Mao-Wen; Bao Shu-Juan; Jia Dian-Zeng: *JOURNAL OF INORGANIC MATERIALS*, 2010, 25, 1335-1339.
Yang, Jianwen; Zhao, Jiang; Chen, Yongzhen; Li, Yanwei: *IONICS*, 2010, 16, 425-429.
Benmoussa, M.; Outzourhit, A.; Bennouna, A.; Ihlal, A.: *EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS*, 2009, 48, -.
Tsuji, T.; Nakanishi, M.; Mizuki, T.; Tsuji, M.; Doi, T.; Yahiro, T.; Yamaki, J.: *APPLIED SURFACE SCIENCE*, 2009, 255, 9626-9629.
Doi, Takayuki; Miwa, Yohei; Iriyama, Yasutoshi; Abe, Takeshi; Ogumi, Zempachi: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 7719-7722.
Tang, Yufeng; Yang, Li; Qiu, Zheng; Huang, Jianshu: *JOURNAL OF MATERIALS CHEMISTRY*, 2009, 19, 5980-5984.
Wang, Guixin; Xu, Jingjing; Wen, Ming; Cai, Rui; Ran, Ran; Shao, Zongping: *SOLID STATE IONICS*, 2008, 179, 946-950.
Ganesan, M.: *IONICS*, 2008, 14, 395-401.
Zeng, Z. Y.; Tu, J. P.; Wang, X. L.; Zhao, X. B.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2008, 616, 7-13.
Qiao, Hui; Xiao, Lifen; Zhang, Lizhi: *ELECTROCHEMISTRY COMMUNICATIONS*, 2008, 10, 616-620.
Kostlánová, Tereza; Makarova, Marina V.; Krtil, Petr: *JOURNAL OF MATERIALS RESEARCH*, 2008, 23, 1136-1146.
Zeng, Z. Y.; Tu, J. P.; Yang, Y. Z.; Xiang, J. Y.; Huang, X. H.; Mao, F.; Ma, M.: *ELECTROCHIMICA ACTA*, 2008, 53, 2724-2728.
Yoshimura, Kazutaka; Suzuki, Junji; Sekine, Kyoichi; Takamura, Tsutomu: *JOURNAL OF POWER SOURCES*, 2007, 174, 653-657.
Ganesan, M.; Dhananjeyan, M. V. T.; Sarangapani, K. B.; Renganathan, N. G.: *JOURNAL OF ELECTROCERAMICS*, 2007, 18, 329-337.
Lindsay, M. J.; Blackford, M. G.; Attard, D. J.; Luca, V.; Skyllas-Kazacos, M.; Griffith, C. S.: *ELECTROCHIMICA ACTA*, 2007, 52, 6401-6411.
Wang, Zhenyao; Liu, Shuzhen; Chen, Ge; Xia, Dingguo: *ELECTROCHEMICAL AND SOLID STATE LETTERS*, 2007, 10, A77-A80.
Kostlánová, Tereza; Dědeček, Jiri; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2007, 52, 1847-1856.
Huang, H.; Zhang, W. K.; Gan, X. P.; Wang, C.; Zhang, L.: *MATERIALS LETTERS*, 2007, 61, 296-299.

Liu, H.; Fu, L. J.; Zhang, H. P.; Gao, J.; Li, C.; Wu, Y. P.; Wu, H. Q.: *ELECTROCHEMICAL AND SOLID STATE LETTERS*, 2006, 9, A529-A533.
Yao, XL; Xie, S; Chen, CH; Wang, QS; Sun, JH; Li, YL; Lu, SX: *ELECTROCHIMICA ACTA*, 2005, 50, 4076-4081.
Fattakhova, D; Petrykin, V; Brus, J; Kostlánová, T; Dědeček, J; Krtil, P: *SOLID STATE IONICS*, 2005, 176, 1877-1885.
Doi, T; Iriyama, Y; Abe, T; Ogumi, Z: *CHEMISTRY OF MATERIALS*, 2005, 17, 1580-1582.
Gao, XP; Lan, Y; Zhu, HY; Liu, JW; Ge, YP; Wu, F; Song, DY: *ELECTROCHEMICAL AND SOLID STATE LETTERS*, 2005, 8, A26-A29.
Jiang, K; Hu, XH; Sun, HJ; Wang, DH; Jin, XB; Ren, YY; Chen, GZ: *CHEMISTRY OF MATERIALS*, 2004, 16, 4324-4329.
Liu, Y; Horikawa, K; Fujiyoshi, M; Matsumura, T; Imanishi, N; Takeda, Y: *SOLID STATE IONICS*, 2004, 172, 69-72.
Gao, XP; Zhu, HY; Pan, GL; Ye, SH; Lan, Y; Wu, F; Song, DY: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2004, 108, 2868-2872.
Krtil, P; Dědeček, J; Kostlánová, T; Brus, J: *ELECTROCHEMICAL AND SOLID STATE LETTERS*, 2004, 7, A163-A166.
Churikov, AV; Zobenkova, VA; Pridatko, KI: *RUSSIAN JOURNAL OF ELECTROCHEMISTRY*, 2004, 40, 63-68.
Nakayama, M; Ikuta, H; Uchimoto, Y; Wakihara, M: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2003, 107, 10603-10607.
Zhou, YK; Cao, L; Zhang, FB; He, BL; Li, HL: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2003, 150, A1246-A1249.
Kavan, L; Prochazka, J; Spitler, TM; Kalbac, M; Zukalova, MT; Drezen, T; Gratzel, M: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2003, 150, A1000-A1007.
Gopukumar, S; Jeong, Y; Kim, KB: *SOLID STATE IONICS*, 2003, 159, 223-232.
Fattakhova, D; Krtil, P: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2002, 149, A1224-A1229

21. Krtil, P.; Trojánek, A.; Samec, Z.; Kinetics of water sorption in Nafionthin films - Quartz crystal microbalance study. *Journal of Physical Chemistry B* **2001**, *105* (33), 7979-7983. IF=2.991 , Počet citací: 72

Citováno v
Jalili, Ali Rouhollah; Satalov, Alexandra; Nazari, Sahar; Suryanto, Bryan Harry Rahmat; Sun, Jing; Ghasemian, Mohammad Bagher; Mayyas, Mohannad; Kandjani, Ahmad E.; Sabri, Ylias M.; Mayes, Edwin; Bhargava, Suresh K.; Araki, Jun; Zakri, Cecile; Poulin, Philippe; Esrafilzadeh, Dorna; Amal, Rose: *ACS APPLIED MATERIALS & INTERFACES*, 2021, 13, 28627-28638.
Buggy, Nora C.; Du, Yifeng; Kuo, Mei-Chen; Gasvoda, Ryan J.; Seifert, Soenke; Agarwal, Sumit; Coughlin, E. Bryan; Herring, Andrew M.: *ACS APPLIED POLYMER MATERIALS*, 2020, 2, 4914-4923.
Kosakian, A.; Urbina, L. Padilla; Heaman, A.; Secanell, M.: *ELECTROCHIMICA ACTA*, 2020, 350, -.
Katzenberg, Adlai; Davila, Cesar Munoz; Chen, Brian; Siboonruang, Tana; Modestino, Miguel A.: *ACS APPLIED POLYMER MATERIALS*, 2020, 2, 2046-2054.
Karan, Kunal: *LANGMUIR*, 2019, 35, 13489-13520.
Fujinami, So; Hoshino, Taiki; Nakatani, Tomotaka; Miyajima, Tatsuya; Hikima, Takaaki; Takata, Masaki: *POLYMER*, 2019, 180, -.
Colozza, Noemi; Cacciotti, Ilaria; Moscone, Danila; Arduini, Fabiana: *ELECTROANALYSIS*, 2020, 32, 345-357.
Chen, Lifu; Compton, Richard G.: *ACS SENSORS*, 2019, 4, 1716-1723.
Zhang, Chi; Davies, Michael; Karan, Kunal: *JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS*, 2019, 57, 343-352.
An, Hyosung; Habib, Touseef; Shah, Smit; Gao, Huili; Patel, Anish; Echols, Ian; Zhao, Xiaofei; Radovic, Miladin; Green, Micah J.; Lutkenhaus, Jodie L.: *ACS APPLIED NANO MATERIALS*, 2019, 2, 948-955.
Chen, Lifu; Lin, Chuhong; Compton, Richard G.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2019, 21, 607-616.
Zheng, Yiwei; Ash, Uri; Pandey, Ravi P.; Ozioko, Amobi G.; Ponce-Gonzalez, Julia; Handl, Michael; Weissbach, Thomas; Varcoe, John; Holdcroft, Steven; Liberatore, Matthew W.; Hiesgen, Renate; Dekel, Dario R.: *MACROMOLECULES*, 2018, 51, 3264-3278.
Yan, Hailong; Guo, Shuyue; Wu, Fei; Yu, Ping; Liu, Huibiao; Li, Yuliang; Mao, Lanqun: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2018, 57, 3922-3926.
Murmu, Rabiranjan; Sutar, Harekrushna: *JOURNAL OF POLYMER MATERIALS*, 2018, 35, 103-118.
Klika, Vaclav; Kubant, Jan; Pavelka, Michal; Benziger, Jay B.: *JOURNAL OF MEMBRANE SCIENCE*, 2017, 540, 35-49.
Grant, Jacob S.; Shaw, Scott K.: *CHEMOSPHERE*, 2017, 185, 772-779.
Ressam, Ibtissam; Krins, Natacha; Laberty-Robert, Christel; Selmane, Mohamed; Lahcini, Mohammed; Raihane, Mustapha; El Kadib, Abdelkrim; Perrot, Hubert; Sel, Ozlem: *CHEMISTRYSELECT*, 2017, 2, 2503-2511.
Kusoglu, Ahmet; Weber, Adam Z.: *CHEMICAL REVIEWS*, 2017, 117, 987-1104.
Han, Jun Hee; Lee, Kyu Won; Lee, Cheol Eui: *SOLID STATE COMMUNICATIONS*, 2017, 250, 28-30.
Luo, Xiaoyan; Holdcroft, Steven: *JOURNAL OF MEMBRANE SCIENCE*, 2016, 520, 155-165.

Han, Jun Hee; Lee, Kyu Won; Lee, Cheol Eui: *JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS*, 2016, 98, 280-282.
Gustavsson, Charlotte; Piculell, Lennart: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2016, 120, 6778-6790.
Bharath, V. J.; Millichamp, J.; Neville, T. P.; Mason, T. J.; Shearing, P. R.; Brown, R. J. C.; Manos, G.; Brett, D. J. L.: *JOURNAL OF MEMBRANE SCIENCE*, 2016, 497, 229-238.
Luo, Xiaoyan; Ghassemzadeh, Lida; Holdcroft, Steven: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2015, 40, 16714-16723.
Gostick, Jeff T.; Weber, Adam Z.: *ELECTROCHIMICA ACTA*, 2015, 179, 137-145.
Kim, Yu Seung; Lee, Kwan-Soo: *POLYMER REVIEWS*, 2015, 55, 330-370.
Singhal, Nancy; Datta, Anindya: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2015, 119, 2395-2403.
Eikerling, M.; Kulikovsky, A.: *POLYMER ELECTROLYTE FUEL CELLS: PHYSICAL PRINCIPLES OF MATERIALS AND OPERATION*, 2015, 0, 1-524.
Weber, Adam Z.; Kusoglu, Ahmet: *JOURNAL OF MATERIALS CHEMISTRY A*, 2014, 2, 17207-17211.
Davis, Eric M.; Stafford, Christopher M.; Page, Kirt A.: *ACS MACRO LETTERS*, 2014, 3, 1029-1035.
Nguyen, Michael; Hockaday, William; Lau, Boris L. T.: *SOIL CARBON*, 2014, 0, 189-195.
Ogata, Yudai; Kawaguchi, Daisuke; Yamada, Norifumi L.; Tanaka, Keiji: *ACS MACRO LETTERS*, 2013, 2, 856-859.
Graf, Gesche; Kocherbitov, Vitaly: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2013, 117, 10017-10026.
Paul, Devproshad K.; Karan, Kunal; Docoslis, Aristides; Giorgi, Javier B.; Pearce, Joshua: *MACROMOLECULES*, 2013, 46, 3461-3475.
Znamenskaya, Yana; Sotres, Javier; Gavryushov, Sergei; Engblom, Johan; Arnebrant, Thomas; Kocherbitov, Vitaly: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2013, 117, 2554-2563.
Abuin, Graciela C.; Cecilia Fuertes, M.; Corti, Horacio R.: *JOURNAL OF MEMBRANE SCIENCE*, 2013, 428, 507-515.
Dishari, Shudipto K.; Hickner, Michael A.: *MACROMOLECULES*, 2013, 46, 413-421.
Zhao, Nana; Edwards, Dave; Shi, Zhiqing; Holdcroft, Steven: *ECS ELECTROCHEMISTRY LETTERS*, 2013, 2, F22-F24.
Eastman, Scott A.; Kim, Sangcheol; Page, Kirt A.; Rowe, Brandon W.; Kang, Shuhui; DeCaluwe, Steven C.; Dura, Joseph A.; Soles, Christopher L.; Yager, Kevin G.: *MACROMOLECULES*, 2012, 45, 7920-7930.
Dishari, Shudipto K.; Hickner, Michael A.: *ACS MACRO LETTERS*, 2012, 1, 291-295.
Onishi, Lisa M.; Prausnitz, John M.; Newman, John: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2012, 159, B754-B760.
Kongkanand, Anusorn: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2011, 115, 11318-11325.
Zhao, Qiao; Majsztrik, Paul; Benziger, Jay: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2011, 115, 2717-2727.
Rinaldo, Steven G.; Monroe, Charles W.; Romero, Tatiana; Merida, Walter; Eikerling, Michael: *ELECTROCHEMISTRY COMMUNICATIONS*, 2011, 13, 5-7.
Viola, Elana A.; Levitsky, Igor A.; Euler, William B.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2010, 114, 20258-20266.
Adachi, Makoto; Navessin, Titichai; Xie, Zhong; Li, Fei Hua; Tanaka, Shiro; Holdcroft, Steven: *JOURNAL OF MEMBRANE SCIENCE*, 2010, 364, 183-193.
Abuin, Graciela C.; Nonjola, Patrick; Franceschini, Esteban A.; Izraelevitch, Federico H.; Mathe, Mkhulu K.; Corti, Horacio R.: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2010, 35, 5849-5854.
Sawada, S.; Yamaki, T.; Ozawa, T.; Suzuki, A.; Terai, T.; Maekawa, Y.: *POLYMER ELECTROLYTE FUEL CELLS 10, PTS 1 AND 2*, 2010, 33, 1067-+.
Tsushima, S.; Hirai, S.: *FUEL CELLS*, 2009, 9, 506-+.
Hallinan, Daniel T., Jr.; Elabd, Yossef A.: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2009, 113, 4257-4266.
Adachi, Makoto; Navessin, Titichai; Xie, Zhong; Frisken, Barbara; Holdcroft, Steven: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2009, 156, B782-B790.
Tsushima, S.; Takita, S.; Hirai, S.; Kubo, N.; Aotani, K.: *EXPERIMENTAL HEAT TRANSFER*, 2009, 22, 1-11.
Satterfield, M. Barclay; Benziger, Jay B.: *JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS*, 2009, 47, 11-24.
Gurau, Vladimir; Mann, J. Adin, Jr.: *SIAM JOURNAL ON APPLIED MATHEMATICS*, 2009, 70, 410-454.
Majsztrik, Paul; Bocarsly, Andrew; Benziger, Jay: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2008, 112, 16280-16289.
Gorri, D.; De Angelis, M. G.; Baschetti, M. Giacinti; Sarti, G. C.: *JOURNAL OF MEMBRANE SCIENCE*, 2008, 322, 383-391.
Satterfield, M. Barclay; Benziger, J. B.: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2008, 112, 3693-3704.
Yang, Yunsong; Siu, Ana; Peckham, Timothy J.; Holdcroft, Steven: *FUEL CELLS I*, 2008, 215, 55-126.
Yoonessi, Mitra; Bai, Zongwu; Dang, Thuy D.: *JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS*, 2007, 45, 2813-2822.
Khong, Siong-Hee; Sivaramakrishnan, Sankaran; Png, Rui-Qi; Wong, Loke-Yuen; Chia, Perq-Jon; Chua, Lay-Lay; Ho, Peter K. H.: *ADVANCED FUNCTIONAL MATERIALS*, 2007, 17, 2490-2499.
Majsztrik, Paul W.; Satterfield, M. Barclay; Bocarsly, Andrew B.; Benziger, Jay B.: *JOURNAL OF MEMBRANE SCIENCE*, 2007, 301, 93-106.
Li, Haibin; Kunitake, Toyoki: *MICROPOROUS AND MESOPOROUS MATERIALS*, 2006, 97, 42-48.
Bertoncello, Paolo; Ciani, Ilenia; Li, Fei; Unwin, Patrick R.: *LANGMUIR*, 2006, 22, 10380-10388.
Yamamoto, Yusuke; Ferrari, Maria Chiara; Baschetti, Marco Giacinti; De Angelis, Maria Grazia; Sarti, Giulio Cesare: *DESALINATION*, 2006, 200, 636-638.
Bhansali, S. H.; Jarvis, J. M.; Aksay, I. A.; Carbeck, J. D.: *LANGMUIR*, 2006, 22, 6676-6682.
Halseid, R; Bystron, T; Tunold, R: *ELECTROCHIMICA ACTA*, 2006, 51, 2737-2742.

Ge, Shanhai; Yi, Baolian; Ming, Pingwen: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2006, 153, A1443-A1450.
Ge, SH; Li, XG; Yi, BL; Hsing, IM: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2005, 152, A1149-A1157.
Zudans, I; Heineman, WR; Seliskar, CJ: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2004, 108, 11521-11528.
Berger, CM; Henderson, CL: *POLYMER*, 2003, 44, 2101-2108.
Damay, F; Klein, LC: *SOLID STATE IONICS*, 2003, 162, 261-267.
Berger, CM; Henderson, CL: *ADVANCES IN RESIST TECHNOLOGY AND PROCESSING XX*, *PTS 1 AND 2*, 2003, 5039, 984-995.

22. Trojánek, A.; Krtil, P.; Samec, Z.; Quasi-elastic laser light scattering from thermally excited capillary waves on polarised liquid vertical bar liquid interfaces Part 1: effects of adsorption of hexadecyltrimethylammonium chloride at the water vertical bar 1,2-dichloroethane interface. *Journal of Electroanalytical Chemistry* **2001**, *517* (1-2), 77-84. IF= 4.464, Počet citací: 12

Citováno v:
Ji, Tianrong; Liang, Zhongwei; Zhu, Xinyu; Wang, Lingyu; Liu, Shujuan; Shao, Yuanhua: *CHEMICAL SCIENCE*, 2011, 2, 1523-1529.
Alejandro Iglesias, Rodrigo; Alberto Dassie, Sergio: *ADVANCES IN CHEMISTRY RESEARCH, VOL 3*, 2010, , 121-192.
Iglesias, RA; Dassie, SA: *ION TRANSFER AT LIQUID/LIQUID INTERFACES*, 2010, , 1-110.
Dryfe, R. A. W.: *ADVANCES IN CHEMICAL PHYSICS, VOL 141*, 2009, 141, 153-215.
Brodard, P; Vauthey, E: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2005, 109, 4668-4678.
Samec, Z; Trojánek, A; Krtil, P: *FARADAY DISCUSSIONS*, 2005, 129, 301-313.
Samec, Z: *PURE AND APPLIED CHEMISTRY*, 2004, 76, 2147-2180.
Ikezoe, Y; Ishizaki, S; Yui, H; Fujinami, M; Sawada, T: *ANALYTICAL SCIENCES*, 2004, 20, 1509-1514.
Uchiyama, Y; Yui, H; Sawada, T: *ANALYTICAL SCIENCES*, 2004, 20, 1537-1542.
Kornyshev, AA; Urbakh, M: *ELECTROCHEMISTRY COMMUNICATIONS*, 2004, 6, 703-707.
Kakiuchi, T; Shigematsu, F; Kasahara, T; Nishi, N; Yamamoto, M: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2004, 6, 4445-4449.
Trojánek, A; Krtil, P; Samec, Z: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2001, 517, 77-84

23. Trojánek, A.; Krtil, P.; Samec, Z.; Quasi-elastic laser light scattering from thermally excited capillary waves on the polarised water/1,2-dichloroethane interface. *Electrochemistry Communications* **2001**, *3* (11), 613-618. IF= 4.724, Počet citací: 13

Citováno v:
Uyanik, Ibrahim; Cengeloglu, Yunus: *ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE-INTERNATIONAL JOURNAL OF RESEARCH IN PHYSICAL CHEMISTRY & CHEMICAL PHYSICS*, 2016, 230, 1607-1616.
Yu, Hao; Yzeiri, Irena; Hou, Binyang; Chen, Chiu-Hao; Bu, Wei; Vanysek, Petr; Chen, Yu-Sheng; Lin, Binhua; Kral, Petr; Schlossman, Mark L.: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2015, 119, 9319-9334.
Su, Bin; Girault, Hubert H.; Samec, Zdenek: *CATALYSIS IN ELECTROCHEMISTRY: FROM FUNDAMENTALS TO STRATEGIES FOR FUEL CELL DEVELOPMENT*, 2011, , 427-451.
Mendez, Manuel A.; Su, Bin; Girault, Hubert H.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2009, 634, 82-89.
Osakai, Toshiyuki; Yamada, Hiroshi; Nagatani, Hirohisa; Sagara, Takamasa: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2007, 111, 9480-9487.
Monroe, CW; Urbakh, M; Kornyshev, AA: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2005, 582, 28-40.
Samec, Z; Trojánek, A; Krtil, P: *FARADAY DISCUSSIONS*, 2005, 129, 301-313.
Trojánek, A; Lhotsky, A; Marecek, V; Samec, Z: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2004, 565, 243-250.
Cicuta, P; Hopkinson, I: *COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS*, 2004, 233, 97-107.
van der Linden, E; Sagis, L; Venema, P: *CURRENT OPINION IN COLLOID & INTERFACE SCIENCE*, 2003, 8, 349-358.
Nagatani, H; Samec, Z; Brevet, PF; Fermin, DJ; Girault, HH: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2003, 107, 786-790.
Samec, Z; Trojánek, A; Girault, HH: *ELECTROCHEMISTRY COMMUNICATIONS*, 2003, 5, 98-103.

24. Fattakhova, D.; Krtil, P.; Electrochemical activity of hydrothermally synthesized Li-Ti-O cubic oxides toward Li insertion. *Journal of the Electrochemical Society* **2002**, *149* (9), A1224-A1229. IF=4.316 , Počet citací: 39

Citováno v:
Yan, Hui; Zhang, Ding; Qilu; Duo, Xi; Sheng, Xianliang: *CERAMICS INTERNATIONAL*, 2021, 47, 5870-5895.
Wang, Bo-Zhi; Deng, Biao; Su, Shi-Jun; Ding, Sang-Lan; Sun, Wei-Yi: *JOURNAL OF ELECTRONIC MATERIALS*, 2018, 47, 6042-6052.

Zukalova, Marketa; Fabian, Martin; Klusáčková, Monika; Klementová, Mariana; Pitna Laskova, Barbora; Dankova, Zuzana; Senna, Mamoru; Kavan, Ladislav: *ELECTROCHIMICA ACTA*, 2018, 265, 480-487.
Yan Hui; Qi Lu; Zhang Ding; Wang Zheng-De; Liu Yun-Ying; Wang Xiao-Xia; Zhu Tie-Yong: *JOURNAL OF INORGANIC MATERIALS*, 2016, 31, 1242-1248.
Wen, Lei; Luo, Hong-Ze; Liu, Guang-Yin; Zheng, Hai-Tao: *NANOMATERIALS IN ADVANCED BATTERIES AND SUPERCAPACITORS*, 2016, , 127-169.
Kimijima, Takeshi; Kanie, Kiyoshi; Tsujikawa, Yusuke; Nakaya, Masafumi; Zettsu, Nobuyuki; Teshima, Katsuya; Muramatsu, Atsushi: *CERAMICS INTERNATIONAL*, 2015, 41, 10988-10994.
Song, Hee Jo; Kim, Jae-Chan; Lee, Chan Woo; Park, Sangbaek; Dar, Mushtaq Ahmad; Hong, Seong-Hyeon; Kim, Dong-Wan: *ELECTROCHIMICA ACTA*, 2015, 170, 25-32.
Zhao, Hailei: *RECHARGEABLE BATTERIES: MATERIALS, TECHNOLOGIES AND NEW TRENDS*, 2015, , 157-187.
Moazeni, Maryam; Hajipour, Hengameh; Askari, Masoud; Nusheh, Mohammad: *MATERIALS RESEARCH BULLETIN*, 2015, 61, 70-75.
Kageyama, Hiroyuki; Oaki, Yuya; Imai, Hiroaki: *RSC ADVANCES*, 2014, 4, 44124-44129.
Fang, Wei; Cheng, Xinqun; Zuo, PengJian; Ma, YuLin; Liao, Lixia; Yin, GePing: *SOLID STATE IONICS*, 2013, 244, 52-56.
Wang, Li; Xiao, Qizhen; Wu, Lijuan; Lei, Gangtie; Li, Zhaohui: *SOLID STATE IONICS*, 2013, 236, 43-47.
Yan, Hui; Zhu, Zhi; Zhang, Ding; Li, Wei; Qilu: *JOURNAL OF POWER SOURCES*, 2012, 219, 45-51.
Rai, Alok Kumar; Gim, Jihyeon; Kang, Sung-Won; Mathew, Vinod; Ly Tuan Anh; Kang, Jungwon; Song, Jinju; Paul, Baboo Joseph; Kim, Jaekook: *MATERIALS CHEMISTRY AND PHYSICS*, 2012, 136, 1044-1051.
Wang, Li; Xiao, Qizhen; Li, Zhaohui; Lei, Gangtie; Wu, Lijuan; Zhang, Ping; Mao, Jun: *ELECTROCHIMICA ACTA*, 2012, 77, 77-82.
Hain, Holger; Scheuermann, Marco; Heinzmann, Ralf; Wuensche, Linda; Hahn, Horst; Indris, Sylvio: *SOLID STATE NUCLEAR MAGNETIC RESONANCE*, 2012, 42, 9-16.
Mathew, Vinod; Lim, Jinsub; Gim, Jihyeon; Kim, Donghan; Moon, Jieh; Kang, Jungwon; Kim, Jaekook: *JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY*, 2011, 11, 7294-7298.
Nugroho, Agung; Kim, Su Jin; Chung, Kyung Yoon; Cho, Byung-Won; Lee, Youn-Woo; Kim, Jaehoon: *ELECTROCHEMISTRY COMMUNICATIONS*, 2011, 13, 650-653.
Rahman, Md Mokhlesur; Wang, Jia-Zhao; Hassan, Mohd Faiz; Wexler, David; Liu, Hua Kun: *ADVANCED ENERGY MATERIALS*, 2011, 1, 212-220.
Yang Li; Chen Jizhang; Tang Yufeng; Fang Shaohua: *PROGRESS IN CHEMISTRY*, 2011, 23, 310-317.
Wu Shi-Chao; Guo Yun-Xia; Zhou Jian-Hua; Zhao Jian-Qing; Ding Xiao-Chun; He Jian-Ping: *JOURNAL OF INORGANIC MATERIALS*, 2011, 26, 123-128.
Lim, Jinsub; Choi, Eunseok; Mathew, Vinod; Kim, Donghan; Ahn, Docheon; Gim, Jihyeon; Kang, Sun-Ho; Kim, Jaekook: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2011, 158, 0-0.
Laumann, Andreas; Fehr, Karl Thomas; Wachsmann, Martin; Holzapfel, Michael; Iversen, Bo Brummerstedt: *SOLID STATE IONICS*, 2010, 181, 1525-1529.
Wang, Guixin; Yan, Kangping; Yu, Zuolong; Qu, Meizhen: *JOURNAL OF APPLIED ELECTROCHEMISTRY*, 2010, 40, 821-831.
Zhao Yaomin; Liu Guoqun; Jiang Zhiyu: *RARE METAL MATERIALS AND ENGINEERING*, 2009, 38, 1076-1079.
Tang, Yufeng; Yang, Li; Qiu, Zheng; Huang, Jianshu: *JOURNAL OF MATERIALS CHEMISTRY*, 2009, 19, 5980-5984.
Kostlánová, Tereza; Makarova, Marina V.; Krtil, Petr: *JOURNAL OF MATERIALS RESEARCH*, 2008, 23, 1136-1146.
Fattakhova-Rohlfing, Dina; Wark, Michael; Brezesinski, Torsten; Smarsly, Bernd M.; Rathousky, Jiri: *ADVANCED FUNCTIONAL MATERIALS*, 2007, 17, 123-132.
Jirkovský, Jakub; Macounová, Katerina; Dietz, Hartmut; Plieth, Waldfried; Krtil, Petr; Zalis, Stanislav: *COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS*, 2007, 72, 171-184.
Kostlánová, Tereza; Dědeček, Jiri; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2007, 52, 1847-1856.
Li, J. R.; Tang, Z. L.; Luo, S. H.; Lu, J. B.; Zhang, Z. T.: *HIGH-PERFORMANCE CERAMICS IV, PTS 1-3*, 2007, 336-338, 513-0.
Zhang, Dong Ri; Liu, Hai Lan; Jin, Rong Hu; Zhang, Nan Zhe; Liu, Yue Xian; Kang, Young Soo: *JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY*, 2007, 13, 92-96.
Pei Xian-Ru; Zhang Shun-Li; Zhang Jing-Wei; Yang Jian-Jun; Jin Zhen-Sheng: *JOURNAL OF INORGANIC MATERIALS*, 2007, 22, 84-88.
Pei Xian-Ru; Wang Xiao-Dong; Zhang Shun-Li; Zhang Jing-Wei; Yang Jian-Jun; Jin Zhen-Sheng: *CHINESE JOURNAL OF INORGANIC CHEMISTRY*, 2006, 22, 2135-2140.
Li, JR; Tang, ZL; Zhang, ZT: *ELECTROCHEMISTRY COMMUNICATIONS*, 2005, 7, 894-899.
Fattakhova, D; Petrykin, V; Brus, J; Kostlánová, T; Dědeček, J; Krtil, P: *SOLID STATE IONICS*, 2005, 176, 1877-1885.
Jiang, K; Hu, XH; Sun, HJ; Wang, DH; Jin, XB; Ren, YY; Chen, GZ: *CHEMISTRY OF MATERIALS*, 2004, 16, 4324-4329.
Krtil, P; Dědeček, J; Kostlánová, T; Brus, J: *ELECTROCHEMICAL AND SOLID STATE LETTERS*, 2004, 7, 0-0.
Kalbac, M; Zukalova, M; Kavan, L: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2003, 8, 2-6.

25. Fattakhova, D.; Krtil, P.; Solvothermal synthesis of electrochemically active nanocrystalline Li-Ti-O spinel. In *Nanophase and Nanocomposite Materials IV*, Komarneni, S. P. J. C. V. R. A. L. G. Q. M. J. I. Ed.; Materials Research Society Symposium Proceedings, Vol. 703; 2002; pp 165-169. IF= 0, Počet citací: 4

    Citováno v:
    Bak, Seong Min; Kim, Hyun Kyung; Park, Sang Hoon; Kim, Kwang Bum: *NANOMATERIALS FOR LITHIUM-ION BATTERIES: FUNDAMENTALS AND APPLICATIONS*, 2014, , 337-362.
    Laumann, Andreas; Fehr, Karl Thomas; Boysen, Hans; Hoelzel, Markus; Holzapfel, Michael: *ZEITSCHRIFT FUR KRISTALLOGRAPHIE-CRYSTALLINE MATERIALS*, 2011, 226, 53-61.
    Kim, Hyun-Kyung; Bak, Seong-Min; Kim, Kwang-Bum: *ELECTROCHEMISTRY COMMUNICATIONS*, 2010, 12, 1768-1771.
    Laumann, Andreas; Fehr, Karl Thomas; Wachsmann, Martin; Holzapfel, Michael; Iversen, Bo Brummerstedt: *SOLID STATE IONICS*, 2010, 181, 1525-1529.

26. Krtil, P.; Fattakhova, D.; Yoshimura, M.; Mechanism of soft solution processing formation of alkaline earth metal tungstates: an electrochemical and in situ AFM study. *Journal of Solid State Electrochemistry* **2002**, *6* (6), 367-373. IF=2.647 , Počet citací: 3

    Citováno v:
    Sharma, Pratigya; Minakshi, Manickam; Whale, Jonathan; Jean-Fulcrand, Annelise; Garnweitner, Georg: *NANOMATERIALS* 2021, 11, -
    Rao, Kodepelly Sanjeeva; Senthilnathan, Jaganathan; Liu, Yung-Fang; Yoshimura, Masahiro: *SCIENTIFIC REPORTS* 2014, 4, -
    Kozhina, G. A.; Ermakov, A. N.; Fetisov, V. B.; Fetisov, A. V.; Shunyaev, K. Yu.: *RUSSIAN JOURNAL OF ELECTROCHEMISTRY* 2009, 45, 1170-1175

27. Hoffmannová, H.; Fermin, D.; Krtil, P.; Growth and electrochemical activity of the poly-L-lysine|poly-L-glutamic acid thin layer films: an EQCM and electrochemical study. *Journal of Electroanalytical Chemistry* **2004**, *562* (2), 261-265. IF= 4.464 , Počet citací: 17

    Citováno v:
    Laurinavicius, Lukas; Radzevic, Aneta; Ignatjev, Ilja; Niaura, Gediminas; Vitkute, Kornelija; Sirsinaitis, Titas; Trusovas, Romualdas; Pauliukaite, Rasa: *ELECTROCHIMICA ACTA*, 2019, 299, 936-945.
    He, Jiahong; Song, Zhongrong; Zhang, Shengtao; Wang, Lin; Zhang, Ying; Qiu, Ri: *MATERIALS SCIENCE-MEDZIAGOTYRA*, 2014, 20, 381-386.
    Ojani, Reza; Alinezhad, Ali; Abedi, Zahra: *SENSORS AND ACTUATORS B-CHEMICAL*, 2013, 188, 621-630.
    Sun, D. M.; Hu, W. N.; Ma, W.: *JOURNAL OF ANALYTICAL CHEMISTRY*, 2011, 66, 310-316.
    Schnippering, Mathias; Neil, Simon R. T.; Mackenzie, Stuart R.; Unwin, Patrick R.: *CHEMICAL SOCIETY REVIEWS*, 2011, 40, 207-220.
    Powell, Hayley V.; Schnippering, Mathias; Cheung, Michelle; Macpherson, Julie V.; Mackenzie, Stuart R.; Stavros, Vasilios G.; Unwin, Patrick R.: *CHEMPHYSCHEM*, 2010, 11, 2985-2991.
    Manjunatha, J. G.; Swamy, B. E. Kumara; Mamatha, G. P.; Gilbert, Ongera; Chandrashekar, B. N.; Sherigara, B. S.: *INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE*, 2010, 5, 1236-1245.
    Girault, Hubert H.: *ELECTROANALYTICAL CHEMISTRY, VOL 23*, 2010, 23, 1-104.
    Zhao, Jianjun; Bradbury, Christopher R.; Fermin, David J.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2008, 112, 6832-6841.
    Ma, W.; Sun, D. M.: *RUSSIAN JOURNAL OF ELECTROCHEMISTRY*, 2007, 43, 1382-1389.
    Lee, Hye Jin; Wark, Alastair W.; Corn, Robert M.: *JOURNAL OF PHYSICS-CONDENSED MATTER*, 2007, 19, 0-0.
    Tan, Shuxin; Hojeij, Mohamad; Su, Bin; Meriguet, Guillaume; Eugster, Nicolas; Girault, Hubert H.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2007, 604, 65-71.
    Ma Wei; Sun Deng-Ming: *ACTA PHYSICO-CHIMICA SINICA*, 2007, 23, 332-336.
    Muguruma, Hitoshi; Miura, Satoshi; Murata, Naoya: *IEICE TRANSACTIONS ON ELECTRONICS*, 2007, 0, 649-651.
    Crespilho, Frank N.; Zucolotto, Valtencir; Oliveira, Osvaldo N., Jr.; Nart, Francisco C.: *INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE*, 2006, 1, 194-214.
    Zhao, JJ; Bradbury, CR; Huclova, S; Potapova, I; Carrara, M; Fermin, DJ: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2005, 109, 22985-22994.
    Diard, JP; Glandut, N; Montella, C; Sanchez, JY: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2005, 578, 247-257.

28. Krtil, P.; Dědeček, J.; Kostlánová, T.; Brus, J.; Li-6 MAS NMR study of lithium insertion into hydrothermally prepared Li-Ti-O spinel. *Electrochemical and Solid State Letters* **2004**, *7* (7), A163-A166. IF=2.321, Počet citací: 17

    Citováno v:
    Koecher, S. S.; Schleker, P. P. M.; Graf, M. F.; Eichel, R. -A.; Reuter, K.; Granwehr, J.; Scheurer, Ch.: *JOURNAL OF MAGNETIC RESONANCE*, 2018, 297, 33-41.

Pelegov, Dmitry V.; Slautin, Boris N.; Zelenovskiy, Pavel S.; Kuznetsov, Dmitrii K.; Kiselev, Evgeny A.; Alikin, Denis O.; Kholkin, Andrei L.; Shur, Vladimir Ya.: *JOURNAL OF RAMAN SPECTROSCOPY*, 2017, 48, 278-283.
Graf, Magnus F.; Tempel, Hermann; Kocher, Simone S.; Schierholz, Roland; Scheurer, Christoph; Kungl, Hans; Eichel, Rudiger-A.; Granwehr, Josef: *RSC ADVANCES*, 2017, 7, 25276-25284.
Blaakmeer, E. S. (Merijn); Rosciano, Fabio; van Eck, Ernst R. H.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2015, 119, 7565-7577.
Mathew, Vinod; Lim, Jinsub; Gim, Jihyeon; Kim, Donghan; Moon, Jieh; Kang, Jungwon; Kim, Jaekook: *JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY*, 2011, 11, 7294-7298.
Vijayakumar, M.; Kerisit, Sebastien; Rosso, Kevin M.; Burton, Sarah D.; Sears, Jesse A.; Yang, Zhenguo; Graff, Gordon L.; Liu, Jun; Hu, Jianzhi: *JOURNAL OF POWER SOURCES*, 2011, 196, 2211-2220.
Lim, Jinsub; Choi, Eunseok; Mathew, Vinod; Kim, Donghan; Ahn, Docheon; Gim, Jihyeon; Kang, Sun-Ho; Kim, Jaekook: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2011, 158, A275-A280.
Vijayakumar, M.; Kerisit, Sebastien; Yang, Zhenguo; Graff, Gordon L.; Liu, Jun; Sears, Jesse A.; Burton, Sarah D.; Rosso, Kevin M.; Hu, Jianzhi: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 20108-20116.
Vijayakumar, M.; Kerisit, Sebastien; Wang, Chongmin; Nie, Zimin; Rosso, Kevin M.; Yang, Zhenguo; Graff, Gordon; Liu, Jun; Hu, Jianzhi: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 14567-14574.
Capsoni, Doretta; Bini, Marcella; Massarotti, Vincenzo; Mustarelli, Piercarlo; Chiodelli, Gaetano; Azzoni, Carlo B.; Mozzati, Maria C.; Linati, Laura; Ferrari, Stefania: *CHEMISTRY OF MATERIALS*, 2008, 20, 4291-4298.
Kostlánová, Tereza; Makarova, Marina V.; Krtil, Petr: *JOURNAL OF MATERIALS RESEARCH*, 2008, 23, 1136-1146.
Jirkovský, Jakub; Macounová, Katerina; Dietz, Hartmut; Plieth, Waldfried; Krtil, Petr; Zalis, Stanislav: *COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS*, 2007, 72, 171-184.
Kostlánová, Tereza; Dědeček, Jiri; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2007, 52, 1847-1856.
Davidson, G.: *SPECTROSCOPIC PROPERTIES OF INORGANIC AND ORGANOMETALLIC COMPOUNDS, VOL 38: A REVIEW OF THE LITERATURE PUBLISHED UP TO LATE 2004*, 2006, 38, 121-172.
Fattakhova, D; Petrykin, V; Brus, J; Kostlánová, T; Dědeček, J; Krtil, P: *SOLID STATE IONICS*, 2005, 176, 1877-1885.
Jirkovský, J; Makarova, M; Krtil, P: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2005, 152, A1613-A1619.
Grey, CP; Dupre, N: *CHEMICAL REVIEWS*, 2004, 104, 4493-4512.

29. Su, B.; Abid, J. P.; Fermin, D. J.; Girault, H. H.; Hoffmannová, H.; Krtil, P.; Samec, Z.; Reversible voltage-induced assembly of Au nanoparticles at liquid vertical bar liquid interfaces. *Journal of the American Chemical Society* **2004**, *126* (3), 915-919. IF= 15.419, Počet citací: 111

Citováno v:
Rudnicki, Konrad; Sobczak, Karolina; Borgul, Paulina; Skrzypek, Slawomira; Poltorak, Lukasz: *FOOD CHEMISTRY*, 2021, 364, -.
Ye, Ziwei; Li, Chunchun; Chen, Qinglu; Xu, Yikai; Bell, Steven E. J.: *NANOSCALE*, 2021, 13, 5937-5953.
Kamyabi, Mohammad Ali; Amirkhani, Farzaneh; Bikas, Rahman; Soleymani-Bonoti, Fatemeh: *JOURNAL OF MOLECULAR STRUCTURE*, 2021, 1228, -.
Nabara, Makoto; Yamamoto, Sho; Nishiyama, Yoshio; Nagatani, Hirohisa: *LANGMUIR*, 2020, 36, 10597-10605.
Kornyshev, Alexei A.: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2020, 24, 2101-2111.
Rastgar, Shokoufeh; Santos, Keyla Teixeira; Angelucci, Camilo Andrea; Wittstock, Gunther: *CHEMISTRY-A EUROPEAN JOURNAL*, 2020, 26, 10882-10890.
Qiu, Haiyan; Jiang, Tao; Wang, Xiaoyuan; Zhu, Lin; Wang, Qingwei; Zhao, Yun; Ge, Jianjian; Chen, Yong: *RSC ADVANCES*, 2020, 10, 25817-25827.
Ghosh, Sujit Kumar; Boeker, Alexander: *MACROMOLECULAR CHEMISTRY AND PHYSICS*, 2019, 220, -.
Gu, Pei-Yang; Chai, Yu; Hou, Honghao; Xie, Ganhua; Jiang, Yufeng; Xu, Qing-Feng; Liu, Feng; Ashby, Paul D.; Lu, Jian-Mei; Russell, Thomas P.: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2019, 58, 12112-12116.
Tran, Lisa; Haase, Martin F.: *LANGMUIR*, 2019, 35, 8584-8602.
Rodgers, Andrew N. J.; Rabiu, Aminu K.; Toth, Peter S.; Adams, Ralph W.; Dryfe, Robert A. W.: *ELECTROCHIMICA ACTA*, 2019, 308, 307-316.
Ma, Ye; Zagar, Cristian; Klemme, Daniel J.; Sikdar, Debabrata; Velleman, Leonora; Montelongo, Yunuen; Oh, Sang-Hyun; Kucernak, Anthony R.; Edel, Joshua B.; Kornyshev, Alexei A.: *ACS PHOTONICS*, 2018, 5, 4604-4616.
Endo, Takuya; Ishikawa, Kyohei; Fukuyama, Mao; Uraoka, Masaru; Ishizaka, Shoji; Hibara, Akihide: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 20684-20690.
Collins, Martha C.; Hebrant, Marc; Herzog, Gregoire: *ELECTROCHIMICA ACTA*, 2018, 282, 155-162.
Rastgar, Shokoufeh; Wittstock, Gunther: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 12963-12969.
Poltorak, Lukasz; Eggink, Irene; Hoitink, Marnix; Sudholter, Ernst J. R.; de Puit, Marcel: *ANALYTICAL CHEMISTRY*, 2018, 90, 7428-7433.
Scanlon, Micheal D.; Smirnov, Evgeny; Stockmann, T. Jane; Peljo, Pekka: *CHEMICAL REVIEWS*, 2018, 118, 3722-3751.
Poltorak, Lukasz; Gamero-Quijano, Alonso; Herzog, Gregoire; Walcarius, Alain: *APPLIED MATERIALS TODAY*, 2017, 9, 533-550.

Montelongo, Yunuen; Sikdar, Debabrata; Ma, Ye; McIntosh, Alastair J. S.; Velleman, Leonora; Kucernak, Anthony R.; Edel, Joshua B.; Kornyshev, Alexei A.: *NATURE MATERIALS*, 2017, 16, 1127-+.
Dou, Yingying; Wang, Bingsheng; Jin, Mingliang; Yu, Ying; Zhou, Guofu; Shui, Lingling: *JOURNAL OF MICROMECHANICS AND MICROENGINEERING*, 2017, 27, -.
Chung, Myungwha; Pigot, Christian; Volz, Sebastian; Hibara, Akihide: *ANALYTICAL CHEMISTRY*, 2017, 89, 8092-8096.
Liang, Xiu; Wang, Yi-Shuo; You, Ting-Ting; Zhang, Xiao-Juan; Yang, Nan; Wang, Guang-Sheng; Yin, Peng-Gang: *NANOSCALE*, 2017, 9, 8879-8888.
Poltorak, Lukasz; Sudholter, Ernst J. R.; de Smet, Louis C. P. M.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2017, 796, 66-74.
Gschwend, Gregoire C.; Smirnov, Evgeny; Peljo, Pekka; Girault, Hubert H.: *FARADAY DISCUSSIONS*, 2017, 199, 565-583.
Bazant, Martin; Bennewitz, Roland; Booth, Samuel; Dryfe, Robert; Girault, Hubert; Hillman, Robert; Kornyshev, Alexei A.; Lee, Alpha; Lemay, Serge; Mount, Andy; Mugele, Frieder; Robotham, Oliver; Schatz, George; Schiffrin, David; Sikdar, Debabrata; Smirnov: *FARADAY DISCUSSIONS*, 2017, 199, 603-613.
Laborda, Eduardo; Molina, Angela; Fernandez Espin, Vanesa; Martinez-Ortiz, Francisco; Garcia de la Torre, Jose; Compton, Richard G.: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2017, 56, 782-785.
Huang, Xiao; Xie, Lisiqi; Lin, Xingyu; Su, Bin: *ANALYTICAL CHEMISTRY*, 2017, 89, 945-951.
Hua, Xiaoqing; Bevan, Michael A.; Frechette, Joelle: *LANGMUIR*, 2016, 32, 11341-11352.
Huang, Xiao; Xuan, Yaofang; Xie, Lisiqi; Su, Bin: *CHEMELECTROCHEM*, 2016, 3, 1781-1786.
Plana, Daniela; Fermin, David J.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2016, 780, 373-378.
Lin, Linhan; Peng, Xiaolei; Wang, Mingsong; Scarabelli, Leonardo; Mao, Zhangming; Liz-Marzan, Luis M.; Becker, Michael F.; Zheng, Yuebing: *ACS NANO*, 2016, 10, 9659-9668.
Le Ouay, Benjamin; Guldin, Stefan; Luo, Zhi; Allegri, Sergio; Stellacci, Francesco: *ADVANCED MATERIALS INTERFACES*, 2016, 3, -.
Huang, Xiao; Xie, Lisiqi; Lin, Xingyu; Su, Bin: *ANALYTICAL CHEMISTRY*, 2016, 88, 6563-6569.
Xuan, Yaofang; Xie, Lisiqi; Huang, Xiao; Su, Bin: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2016, 766, 37-43.
Toth, P. S.; Rodgers, A. N. J.; Rabiu, A. K.; Ibanez, D.; Yang, J. X.; Colina, A.; Dryfe, R. A. W.: *JOURNAL OF MATERIALS CHEMISTRY A*, 2016, 4, 7365-7371.
Edel, Joshua B.; Kornyshev, Alexei A.; Kucernak, Anthony R.; Urbakh, Michael: *CHEMICAL SOCIETY REVIEWS*, 2016, 45, 1581-1596.
Toth, P. S.; Rabiu, A. K.; Dryfe, R. A. W.: *ELECTROCHEMISTRY COMMUNICATIONS*, 2015, 60, 153-157.
Booth, Samuel G.; Dryfe, Robert A. W.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2015, 119, 23295-23309.
Divya, V.; Sangaranarayanan, M. V.: *JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY*, 2015, 15, 6863-6882.
Xuan, Yaofang; Huang, Xiao; Su, Bin: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2015, 119, 11685-11693.
Petrii, O. A.: *RUSSIAN CHEMICAL REVIEWS*, 2015, 84, 159-193.
Scanlon, Micheal D.; Peljo, Pekka; Mendez, Manuel A.; Smirnov, Evgeny; Girault, Hubert H.: *CHEMICAL SCIENCE*, 2015, 6, 2705-2720.
Bera, Mrinal K.; Chan, Henry; Moyano, Daniel F.; Yu, Hao; Tatur, Sabina; Amoanu, Daniel; Bu, Wei; Rotello, Vincent M.; Meron, Mati; Kral, Petr; Lin, Binhua; Schlossman, Mark L.: *NANO LETTERS*, 2014, 14, 6816-6822.
Dryfe, Robert A. W.; Uehara, Akihiro; Booth, Samuel G.: *CHEMICAL RECORD*, 2014, 14, 1013-1023.
Paget, Jack; Walpole, Victoria; Jorquera, Miquel Blancafort; Edel, Joshua B.; Urbakh, Michael; Kornyshev, Alexei A.; Demetriadou, Angela: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2014, 118, 23264-23273.
Rodgers, Andrew N. J.; Booth, Samuel G.; Dryfe, Robert A. W.: *ELECTROCHEMISTRY COMMUNICATIONS*, 2014, 47, 17-20.
Tang, Ying; Wang, Hui-Ting; Chen, Meng; Qian, Dong-Jin; Zhang, Li; Liu, Minghua: *NANOSCALE RESEARCH LETTERS*, 2014, 9, -.
Zhang, Kun; Ji, Ji; Li, Yixin; Liu, Baohong: *ANALYTICAL CHEMISTRY*, 2014, 86, 6660-6665.
Poltorak, Lukasz; Dossot, Manuel; Herzog, Gregoire; Walcarius, Alain: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2014, 16, 26955-26962.
Amemiya, Shigeru; Wang, Yixian; Mirkin, Michael V.: *ELECTROCHEMISTRY, VOL 12: NANOELECTROCHEMISTRY*, 2014, 12, 1-43.
Edel, Joshua B.; Kornyshev, Alexei A.; Urbakh, Michael: *ACS NANO*, 2013, 7, 9526-9532.
Gruender, Yvonne; Fabian, Marcel D.; Booth, Samuel G.; Plana, Daniela; Fermin, David J.; Hill, Patrick I.; Dryfe, Robert A. W.: *ELECTROCHIMICA ACTA*, 2013, 110, 809-815.
Fang, Ping-Ping; Chen, Shu; Deng, Haiqiang; Scanlon, Micheal D.; Gumy, Frederic; Lee, Hye Jin; Momotenko, Dmitry; Amstutz, Veronique; Cortes-Salazar, Fernando; Pereira, Carlos M.; Yang, Zhilin; Girault, Hubert H.: *ACS NANO*, 2013, 7, 9241-9248.
Cecchini, Michael P.; Turek, Vladimir A.; Paget, Jack; Kornyshev, Alexei A.; Edel, Joshua B.: *NATURE MATERIALS*, 2013, 12, 165-171.
Hu, Jun-hui; Zhou, Yu-jie: *INTERNATIONAL CONFERENCE ON BIOLOGICAL, MEDICAL AND CHEMICAL ENGINEERING (BMCE 2013)*, 2013, 0, 395-398.
Kaminska, Izabela; Jonsson-Niedziolka, Martin; Kaminska, Agnieszka; Pisarek, Marcin; Holyst, Robert; Opallo, Marcin; Niedziolka-Jonsson, Joanna: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2012, 116, 22476-22485.
Patir, Imren Hatay: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2012, 685, 28-32.

Turek, Vladimir A.; Cecchini, Michael P.; Paget, Jack; Kucernak, Anthony R.; Kornyshev, Alexei A.; Edel, Joshua B.: *ACS NANO*, 2012, 6, 7789-7799.
Sefer, Birhan; Gulaboski, Rubin; Mirceski, Valentin: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2012, 16, 2373-2381.
Kornyshev, Alexei A.; Marinescu, Monica; Paget, Jack; Urbakh, Michael: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2012, 14, 1850-1859.
Marinescu, M.; Urbakh, M.; Kornyshev, A. A.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2012, 14, 1371-1380.
Luo, Mingxiang; Olivier, Gloria K.; Frechette, Joelle: *SOFT MATTER*, 2012, 8, 11923-11932.
Hatay, Imren; Ge, Pei Yu; Vrubel, Heron; Hu, Xile; Girault, Hubert H.: *ENERGY & ENVIRONMENTAL SCIENCE*, 2011, 4, 4246-4251.
Nagatani, Hirohisa; Tonari, Sayaka; Shibata, Takao; Sagara, Takamasa: *ELECTROCHEMISTRY COMMUNICATIONS*, 2011, 13, 985-988.
Zhang, Zhiqiang; Wu, Yihui: *LANGMUIR*, 2011, 27, 9834-9842.
Hahn, Thomas; Hardt, Steffen: *ANALYTICAL CHEMISTRY*, 2011, 83, 5476-5479.
Zhao, Cunlu; Yang, Chun: *PHYSICAL REVIEW E*, 2011, 83, -.
Silver, Barry R.; Fueloep, Vilmos; Unwin, Patrick R.: *NEW JOURNAL OF CHEMISTRY*, 2011, 35, 602-606.
Schaming, Delphine; Hatay, Imren; Cortez, Fernando; Olaya, Astrid; Mendez, Manuel A.; Ge, Pei Yu; Deng, Haiqiang; Voyame, Patrick; Nazemi, Zahra; Girault, Hubert: *CHIMIA*, 2011, 65, 356-359.
Cortes-Salazar, Fernando; Gassner, Anne-Laure; Mendez, Manuel A.; Pourhaghighi, Mohammad Reza; Qiao, Liang; Girault, Hubert H.: *CHIMIA*, 2011, 65, 672-676.
Hatay, Imren; Su, Bin; Mendez, Manuel A.; Corminboeuf, Clemence; Khoury, Tony; Gros, Claude P.; Bourdillon, Melanie; Meyer, Michel; Barbe, Jean-Michel; Ersoz, Mustafa; Zalis, Stanislav; Samec, Zdenek; Girault, Hubert H.: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2010, 132, 13733-13741.
Younan, Nathalie; Hojeij, Mohamad; Ribeaucourt, Lydie; Girault, Hubert H.: *ELECTROCHEMISTRY COMMUNICATIONS*, 2010, 12, 912-915.
Corthey, Gaston; Giovanetti, Lisandro J.; Ramallo-Lopez, Jose M.; Zelaya, Eugenia; Rubert, Aldo A.; Benitez, Guillermo A.; Requejo, Felix G.; Fonticelli, Mariano H.; Salvarezza, Roberto C.: *ACS NANO*, 2010, 4, 3413-3421.
Su, Bin; Hatay, Imren; Trojánek, Antonin; Samec, Zdenek; Khoury, Tony; Gros, Claude P.; Barbe, Jean-Michel; Daina, Antoine; Carrupt, Pierre-Alain; Girault, Hubert H.: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2010, 132, 2655-2662.
Su, Bin; Hatay, Imren; Li, Fei; Partovi-Nia, Raheleh; Mendez, Manuel A.; Samec, Zdenek; Ersoz, Mustafa; Girault, Hubert H.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2010, 639, 102-108.
Flatte, M. E.; Kornyshev, A. A.; Urbakh, M.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2010, 114, 1735-1747.
Girault, Hubert H.: *ELECTROANALYTICAL CHEMISTRY, VOL 23*, 2010, 23, 1-104.
Perera, Jilska M.; Stevens, Geoffrey W.: *ANALYTICAL AND BIOANALYTICAL CHEMISTRY*, 2009, 395, 1019-1032.
Hatay, Imren; Su, Bin; Li, Fei; Mendez, Manuel Alejandro; Khoury, Tony; Gros, Claude P.; Barbe, Jean-Michel; Ersoz, Mustafa; Samec, Zdenek; Girault, Hubert H.: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2009, 131, 13453-13459.
Li, Fei; Su, Bin; Salazar, Fernando Cortes; Nia, Raheleh Partovi; Girault, Hubert H.: *ELECTROCHEMISTRY COMMUNICATIONS*, 2009, 11, 473-476.
Xu, Lijun; Han, Guobin; Hu, Jiawen; He, Yan; Pan, Jiangao; Li, Yongjun; Xiang, Jiannan: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2009, 11, 6490-6497.
Dryfe, R. A. W.: *ADVANCES IN CHEMICAL PHYSICS, VOL 141*, 2009, 141, 153-215.
Flatte, M. E.; Kornyshev, A. A.; Urbakh, M.: *FARADAY DISCUSSIONS*, 2009, 143, 109-115.
Fery; Kornyshev; Titmuss; Ikkala; Carew; Steiner; Reinhoudt; Woolfson; Matile; Huskens; Ahangar; Faul; Sen; van Esch; Colquhoun; Shaffer; Munz; Chan; Aufderhorst-Roberts; Bittner; Huck; Hu; Whitesides; Neto; Barbero; Hopkinson; Browne; Steinke; Channon; M: *FARADAY DISCUSSIONS*, 2009, 143, 169-186.
Monroe, Charles W.; Urbakh, Michael; Kornyshev, Alexei A.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2009, 156, P21-P28.
Kowalski, K.; Long, N. J.; Kuimova, M. K.; Kornyshev, A. A.; Taylor, A. G.; White, A. J. P.: *NEW JOURNAL OF CHEMISTRY*, 2009, 33, 598-606.
Chen, Yuan; Guo, Rong: *JOURNAL OF COLLOID AND INTERFACE SCIENCE*, 2008, 328, 153-157.
Tan, Shuxin; Su, Bin; Hojeij, Mohainad; Girault, Hubert H.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2008, 621, 322-329.
Lepkova, K.; Clohessy, J.; Cunnane, V. J.: *ELECTROCHIMICA ACTA*, 2008, 53, 6273-6277.
Flatte, M. E.; Kornyshev, A. A.; Urbakh, M.: *JOURNAL OF PHYSICS-CONDENSED MATTER*, 2008, 20, -.
Kornyshev, Alexei A.; Kuimova, Marina; Kuznetsov, Alexander M.; Ulstrup, Jens; Urbakh, Michael: *JOURNAL OF PHYSICS-CONDENSED MATTER*, 2007, 19, -.
Lepkova, K.; Clohessy, J.; Cunnane, V. J.: *JOURNAL OF PHYSICS-CONDENSED MATTER*, 2007, 19, -.
Monroe, Charles W.; Urbakh, Michael; Kornyshev, Alexei A.: *JOURNAL OF PHYSICS-CONDENSED MATTER*, 2007, 19, -.
Tan, Shuxin; Hojeij, Mohamad; Su, Bin; Meriguet, Guillaume; Eugster, Nicolas; Girault, Hubert H.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2007, 604, 65-71.
Lu, Wei; Band, Beatriz S. Fernandez; Yu, Yu; Li, Qin Geng; Shang, Jing Chuan; Wang, Chi; Fang, Yan; Tian, Rui; Zhou, Li Ping; Sun, Li Li; Tang, Yu; Jing, Shu Hua; Huang, Wei; Zhang, Ji Ping: *MICROCHIMICA ACTA*, 2007, 158, 29-58.

Wittenberg, Nathan J.; Ewing, Andrew G.; Fan, Fu-Ren F.: *HANDBOOK OF ELECTROCHEMISTRY*, 2007, 0, 719-809.
Liu, Qingyun; Bian, Yongzhong; Lin, Hongguo; Wang, Xueying; Chen, Yanli; Li, Xiyou; Jiang, Jianzhuang: *JOURNAL OF COLLOID AND INTERFACE SCIENCE*, 2006, 304, 431-436.
Girault, Hubert H.: *NATURE MATERIALS*, 2006, 5, 851-852.
Monroe, Charles W.; Daikhin, Leonid I.; Urbakh, Michael; Kornyshev, Alexei A.: *PHYSICAL REVIEW LETTERS*, 2006, 97, -.
Mirceski, V; Gulaboski, R: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2006, 110, 2812-2820.
Agrawal, VV; Mahalakshmi, P; Kulkarni, GU; Rao, CNR: *LANGMUIR*, 2006, 22, 1846-1851.
Dryfe, RAW: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2006, 8, 1869-1883.
Mirceski, V: *ELECTROCHEMISTRY COMMUNICATIONS*, 2006, 8, 123-128.
Su, B; Fermin, DJ; Abid, JP; Eugster, N; Girault, HH: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2005, 583, 241-247.
Su, B; Eugster, N; Girault, HH: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2005, 127, 10760-10766.
Su, B; Girault, HH: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2005, 109, 11427-11431.
Liu, B; Qian, DJ; Huang, HX; Wakayama, T; Hara, S; Huang, W; Nakamura, C; Miyake, J: *LANGMUIR*, 2005, 21, 5079-5084.
Sau, TK; Murphy, CJ: *LANGMUIR*, 2005, 21, 2923-2929.
Binder, WH: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2005, 44, 5172-5175.
Drain, CM; Bazzan, G; Milic, T; Vinodu, M; Goeltz, JC: *ISRAEL JOURNAL OF CHEMISTRY*, 2005, 45, 255-269.
Dryfe, RAW; Walter, EC; Penner, RM: *CHEMPHYSCHEM*, 2004, 5, 1879-1884.

30. Fattakhova, D.; Petrykin, V.; Brus, J.; Kostlánová, T.; Dědeček, J.; Krtil, P.; Solvothermal synthesis and electrochemical behavior of nanocrystalline cubic Li-Ti-O oxides with cationic disorder. *Solid State Ionics* **2005**, *176* (23-24), 1877-1885. IF= 3.785, Počet citací: 44

Citováno v:
Yang, Hong-Dan; Kang, Yuan-Yuan; Zhu, Pan-Pan; Chen, Qi-Wen; Yang, Li; Zhou, Jian-Ping: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2021, 872, -.
Yan, Hui; Zhang, Ding; Qilu; Duo, Xi; Sheng, Xianliang: *CERAMICS INTERNATIONAL*, 2021, 47, 5870-5895.
Yi, Ting-Feng; Wei, Ting-Ting; Li, Ying; He, Yan-Bing; Wang, Zhen-Bo: *ENERGY STORAGE MATERIALS*, 2020, 26, 165-197.
Wang, Bo-Zhi; Deng, Biao; Su, Shi-Jun; Ding, Sang-Lan; Sun, Wei-Yi: *JOURNAL OF ELECTRONIC MATERIALS*, 2018, 47, 6042-6052.
Yan Hui; Qi Lu; Zhang Ding; Wang Zheng-De; Liu Yun-Ying; Wang Xiao-Xia; Zhu Tie-Yong: *JOURNAL OF INORGANIC MATERIALS*, 2016, 31, 1242-1248.
Sha, Yujing; Xu, Xiaomin; Li, Li; Cai, Rui; Shao, Zongping: *JOURNAL OF POWER SOURCES*, 2016, 314, 18-27.
Kimijima, Takeshi; Kanie, Kiyoshi; Tsujikawa, Yusuke; Nakaya, Masafumi; Zettsu, Nobuyuki; Teshima, Katsuya; Muramatsu, Atsushi: *CERAMICS INTERNATIONAL*, 2015, 41, 10988-10994.
Yang, Guijun; Yang, Jianwen; Zhang, Lingzhi: *RSC ADVANCES*, 2015, 5, 97720-97723.
Yi, Ting-Feng; Yang, Shuang-Yuan; Xie, Ying: *JOURNAL OF MATERIALS CHEMISTRY A*, 2015, 3, 5750-5777.
Chauhan, Ratna; Bahadur, Lal: *JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS*, 2014, 9, 487-495.
Sandhya, C. P.; John, Bibin; Gouri, C.: *IONICS*, 2014, 20, 601-620.
Kageyama, Hiroyuki; Oaki, Yuya; Imai, Hiroaki: *RSC ADVANCES*, 2014, 4, 44124-44129.
Lin, Chunfu; Fan, Xiaoyong; Xin, Yuelong; Cheng, Fuquan; Lai, Man On; Zhou, Henghui; Lu, Li: *NANOSCALE*, 2014, 6, 6651-6660.
Hayashi, Hiromichi; Nakamura, Takashi; Ebina, Takeo: *JOURNAL OF THE CERAMIC SOCIETY OF JAPAN*, 2014, 122, 78-82.
Sandhya, C. P.; John, Bibin; Gouri, C.: *JOURNAL OF MATERIALS SCIENCE*, 2013, 48, 5827-5832.
Sha, Yujing; Zhao, Bote; Ran, Ran; Cai, Rui; Shao, Zongping: *JOURNAL OF MATERIALS CHEMISTRY A*, 2013, 1, 13233-13243.
Godillot, Gerome; Huo, Hua; Menetrier, Michel; Bourgeois, Lydie; Guerlou-Demourgues, Liliane; Delmas, Claude: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2012, 116, 26598-26607.
Yan, Hui; Zhu, Zhi; Zhang, Ding; Li, Wei; Qilu: *JOURNAL OF POWER SOURCES*, 2012, 219, 45-51.
Kitta, Mitsunori; Akita, Tomoki; Maeda, Yasushi; Kohyama, Masanori: *LANGMUIR*, 2012, 28, 12384-12392.
Lu, Jun; Nan, Caiyun; Peng, Qing; Li, Yadong: *JOURNAL OF POWER SOURCES*, 2012, 202, 246-252.
Chen, Jizhang; Yang, Li; Fang, Shaohua; Hirano, Shin-ichi; Tachibana, Kazuhiro: *JOURNAL OF POWER SOURCES*, 2012, 200, 59-66.
Tang, Yufeng; Huang, Fuqiang; Zhao, Wei; Liu, Zhanqiang; Wan, Dongyun: *JOURNAL OF MATERIALS CHEMISTRY*, 2012, 22, 11257-11260.
Gu, Fang; Chen, Gang; Wang, Zhenhong: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2012, 16, 375-382.
Su, Jing; Wei, Bing-Qing; Rong, Jie-Peng; Yin, Wen-Yan; Ye, Zhi-Xia; Tian, Xian-Qing; Ren, Ling; Cao, Min-Hua; Hu, Chang-Wen: *JOURNAL OF SOLID STATE CHEMISTRY*, 2011, 184, 2909-2919.

Fernandez-Osorio, A.; Jimenez-Segura, M. P.; Vazquez-Olmos, A.; Sato-Berru, R.: *CERAMICS INTERNATIONAL*, 2011, 37, 1465-1471.
Zhang Ai; Zheng ZongMin; Cheng FangYi; Tao ZhanLiang; Chen Jun: *SCIENCE CHINA-CHEMISTRY*, 2011, 54, 936-940.
Shinova, E.; Mandzhukova, Ts.; Grigorova, E.; Hristov, M.; Stoyanova, R.; Nihtianova, D.; Zhecheva, E.: *SOLID STATE IONICS*, 2011, 187, 43-49.
Yang Li; Chen Jizhang; Tang Yufeng; Fang Shaohua: *PROGRESS IN CHEMISTRY*, 2011, 23, 310-317.
Laumann, Andreas; Fehr, Karl Thomas; Wachsmann, Martin; Holzapfel, Michael; Iversen, Bo Brummerstedt: *SOLID STATE IONICS*, 2010, 181, 1525-1529.
Yi, Ting-Feng; Jiang, Li-Juan; Shu, J.; Yue, Cai-Bo; Zhu, Rong-Sun; Qiao, Hong-Bin: *JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS*, 2010, 71, 1236-1242.
Yang, Jianwen; Zhao, Jiang; Chen, Yongzhen; Li, Yanwei: *IONICS*, 2010, 16, 425-429.
Shen, Laifa; Yuan, Changzhou; Luo, Hongjun; Zhang, Xiaogang; Xu, Ke; Xia, Yongyao: *JOURNAL OF MATERIALS CHEMISTRY*, 2010, 20, 6998-7004.
Tang, Yufeng; Yang, Li; Fang, Shaohua; Qiu, Zheng: *ELECTROCHIMICA ACTA*, 2009, 54, 6244-6249.
Li, Y.; Pan, G. L.; Liu, J. W.; Gao, X. P.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2009, 156, A495-A499.
Tao, Ying; Yi, Danqin; Li, Jie: *SOLID STATE IONICS*, 2008, 179, 2396-2398.
Tang, Y. F.; Yang, L.; Qiu, Z.; Huang, J. S.: *ELECTROCHEMISTRY COMMUNICATIONS*, 2008, 10, 1513-1516.
Kostlánová, Tereza; Makarova, Marina V.; Krtil, Petr: *JOURNAL OF MATERIALS RESEARCH*, 2008, 23, 1136-1146.
Jiang, Chunhai; Hosono, Eiji; Ichihara, Masaki; Honma, Itaru; Zhou, Haoshen: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2008, 155, A553-A556.
Fattakhova-Rohlfing, Dina; Wark, Michael; Brezesinski, Torsten; Smarsly, Bernd M.; Rathousky, Jiri: *ADVANCED FUNCTIONAL MATERIALS*, 2007, 17, 123-132.
Jirkovský, Jakub; Macounová, Katerina; Dietz, Hartmut; Plieth, Waldfried; Krtil, Petr; Zalis, Stanislav: *COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS*, 2007, 72, 171-184.
Kostlánová, Tereza; Dědeček, Jiri; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2007, 52, 1847-1856.
Pei Xian-Ru; Zhang Shun-Li; Zhang Jing-Wei; Yang Jian-Jun; Jin Zhen-Sheng: *JOURNAL OF INORGANIC MATERIALS*, 2007, 22, 84-88.
Pei Xian-Ru; Wang Xiao-Dong; Zhang Shun-Li; Zhang Jing-Wei; Yang Jian-Jun; Jin Zhen-Sheng: *CHINESE JOURNAL OF INORGANIC CHEMISTRY*, 2006, 22, 2135-2140.

31. Jirkovský, J.; Makarova, M.; Krtil, P.; The effect of coherent domain size on the insertion activity of nanocrystalline RuO_2. *Journal of the Electrochemical Society* **2005**, *152* (8), A1613-A1619. IF= 4.316, Počet citací: 17

Citováno v:
Silva, R. C.; Gouveia, A. F.; Sczancoski, J. C.; Santos, R. S.; Sa, J. L. S.; Longo, E.; Cavalcante, L. S.: *ELECTRONIC MATERIALS LETTERS*, 2019, 15, 645-653.
Lu, Fan; Liu, Shengzhou; Zeng, Guifan; Li, Jumei; Yang, Yin: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2018, 165, A2897-A2903.
Hassan, Ayorinde S.; Moyer, Kathleen; Ramachandran, B. Ramu; Wick, Collin D.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2016, 120, 2036-2046.
Kumar, Vipin; Lee, Pooi See: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2015, 119, 9041-9049.
Navulla, Anantharamulu; Stevens, Geoffrey; Kovalenko, Igor; Meda, Lamartine: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2014, 118, 13382-13386.
Kim, Jong Woung; Augustyn, Veronica; Dunn, Bruce: *ADVANCED ENERGY MATERIALS*, 2012, 2, 141-148.
Chen, Ruiyong; Trieu, Vinh; Natter, Harald; Stoewe, Klaus; Maier, Wilhelm F.; Hempelmann, Rolf; Bulan, Andreas; Kintrup, Juergen; Weber, Rainer: *CHEMISTRY OF MATERIALS*, 2010, 22, 6215-6217.
Munoz-Rojas, David; Casas-Cabanas, Montserrat; Baudrin, Emmanuel: *SOLID STATE IONICS*, 2010, 181, 536-544.
Macounová, Katerina; Makarova, Marina; Krtil, Petr: *ELECTROCHEMISTRY COMMUNICATIONS*, 2009, 11, 1865-1868.
Milne, Nicholas A.; Skyllas-Kazacos, Maria; Luca, Vittorio: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 12983-12995.
Munoz-Rojas, D.; Casas-Cabanas, M.; Baudrin, E.: *SOLID STATE IONICS*, 2009, 180, 308-313.
Macounová, Katerina; Makarova, Marina; Jirkovský, Jakub; Franc, Jiri; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2008, 53, 6126-6134.
Makarova, Marina V.; Jirkovský, Jakub; Klementová, Mariana; Jirka, Ivan; Macounová, Katerina; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2008, 53, 2656-2664.
Iriyama, Y.; Tachibana, Y.; Sasasoka, R.; Kuwata, N.; Abe, T.; Inaba, M.; Tasaka, A.; Kikuchi, K.; Kawamura, J.; Ogumi, Z.: *JOURNAL OF POWER SOURCES*, 2007, 174, 1057-1062.
Lytle, Justin C.; Rhodes, Christopher P.; Long, Jeffrey W.; Pettigrew, Katherine A.; Stroud, Rhonda M.; Rolison, Debra R.: *JOURNAL OF MATERIALS CHEMISTRY*, 2007, 17, 1292-1299.
Kostlánová, Tereza; Dědeček, Jiri; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2007, 52, 1847-1856.
Jirkovský, Jakub; Makarova, Marina; Krtil, Petr: *ELECTROCHEMISTRY COMMUNICATIONS*, 2006, 8, 1417-1422.

32. Samec, Z.; Trojánek, A.; Krtil, P.; Dynamics of phospholipid monolayers on polarised liquid-liquid interfaces. *Faraday Discussions* **2005**, *129*, 301-313. IF= 4.008, Počet citací: 21

Citováno v:
Tummino, A; Scoppola, E; Fragneto, G; Gutfreund, P; Maestro, A; Dryfe, RAW: *ELECTROCHIMICA ACTA*, 2021, 384, - .
Guo, YY; Deng, Y; Xu, BJ; Henzen, A; Hayes, R; Tang, B; Zhou, GF: *LANGMUIR*, 2018, 34, 11943 - 11951.
Uyanik, I: *TURKISH JOURNAL OF CHEMISTRY*, 2018, 42, 264 - 273.
Uyanik, I; Cengeloglu, Y: *ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE-INTERNATIONAL JOURNAL OF RESEARCH IN PHYSICAL CHEMISTRY & CHEMICAL PHYSICS*, 2016, 230, 1607 - 1616.
Ohno, M; Toyota, T; Nomoto, T; Fujinami, M: *COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS*, 2015, 480, 85 - 90.
Yu, H; Yzeiri, I; Hou, BY; Chen, CH; Bu, W; Vanysek, P; Chen, YS; Lin, BH; Kral, P; Schlossman, ML: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2015, 119, 9319 - 9334.
Kaluza, D; Adamiak, W; Opallo, M; Jonsson-Niedziolka, M: *ELECTROCHIMICA ACTA*, 2014, 132, 158 - 164.
Pichot, R; Watson, RL; Norton, IT: *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, 2013, 14, 11767 - 11794.
Uyanik, I; Cengeloglu, Y: *ELECTROCHIMICA ACTA*, 2012, 62, 290 - 295.
Mendez, MA; Nazemi, Z; Uyanik, I; Lu, Y; Girault, HH: *LANGMUIR*, 2011, 27, 13918 - 13924.
Santos, HA; Garcia-Morales, V; Pereira, CM: *CHEMPHYSCHEM*, 2010, 11, 28 - 41.
Martinez-Alvarez, JA; Videa, M: *MES 25: ELECTROCHEMISTRY FOR ALTERNATIVE ENERGY SOURCES AND ENVIRONMENTAL IMPROVEMENT*, 2010, 29, 307 - 314.
Prudent, M; Mendez, MA; Jana, DF; Corminboeuf, C; Girault, HH: *METALLOMICS*, 2010, 2, 400 - 406.
Perera, JM; Stevens, GW: *ANALYTICAL AND BIOANALYTICAL CHEMISTRY*, 2009, 395, 1019 - 1032.
Mendez, MA; Su, B; Girault, HH: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2009, 634, 82 - 89.
Vanysek, P; Ramirez, LB: *JOURNAL OF THE CHILEAN CHEMICAL SOCIETY*, 2008, 53, 1455 - 1463.
Trojánek, A; Langmaier, J; Samcova, E; Samec, Z: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2007, 603, 235 - 242.
Senthilkumar, S; Dryfe, RAW; Saraswathi, R: *LANGMUIR*, 2007, 23, 3455 - 3461.
Sakka, T; Tanaka, K; Shibata, Y; Ogata, YH: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2006, 591, 168 - 174.
Mulkidjanian, AY; Cherepanov, DA: *PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES*, 2006, 5, 577 - 587.
Mulkidjanian, AY; Cherepanov, DA: *PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES*, 2006, 5, 577 - 587.

33. Hoffmannová, H.; Hof, M.; Krtil, P.; Potential controlled adsorption and lateral mobility of DOPC on polycrystalline gold - an EQCM and in situ fluorescence microscopy study. *Journal of Electroanalytical Chemistry* **2006**, *588* (2), 296-302. IF=4.464, Počet citací: 6

Citováno v:
Novakova, Katerina: *CHEMICKE LISTY*, 2015, 109, 166-175.
Navratil, Tomas; Sestakova, Ivana; Marecek, Vladimir: *INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE*, 2011, 6, 6032-6046.
Navratil, Tomas; Sestakova, Ivana; Stulik, Karel; Marecek, Vladimir: *ELECTROANALYSIS*, 2010, 22, 2043-2050.
Navratil, Tomas; Sestakova, Ivana; Marecek, Vladimir; Stulik, Karel: *MODERN ELECTROCHEMICAL METHODS XXX*, 2010, , 119-123.
Lajos, G.; Jancura, D.; Miskovsky, P.; Garcia-Ramos, J. V.; Sanchez-Cortes, S.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 7147-7154.
Garcia-Araez, Nuria; Brosseau, Christa L.; Rodriguez, Paramaconi; Lipkowski, Jacek: *LANGMUIR*, 2006, 22, 10365-10371.

34. Jirkovský, J.; Hoffmannová, H.; Klementová, M.; Krtil, P.; Particle size dependence of the electrocatalytic activity of nanocrystalline RuO_2 electrodes. *Journal of the Electrochemical Society* **2006**, *153* (6), E111-E118. IF= 4.316, Počet citací: 52

Citováno v:
Zhao, Zhi Liang; Wang, Qi; Huang, Xiang; Feng, Qi; Gu, Shuang; Zhang, Zhen; Xu, Hu; Zeng, Lin; Gu, Meng; Li, Hui: *ENERGY & ENVIRONMENTAL SCIENCE*, 2020, 13, 5143-5151.
Devadas, Abirami; Baranton, Steve; Coutanceau, Christophe: *FRONTIERS IN ENERGY RESEARCH*, 2020, 8, - .
Galani, Sunil M.; Mondal, Aniruddha; Srivastava, Divesh N.; Panda, Asit Baran: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2020, 45, 18635-18644.
Jozwiak, Lukasz; Balcerzak, Jacek; Tyczkowski, Jacek: *CATALYSTS*, 2020, 10, -.
Pascuzzi, Marco Etzi Coller; Goryachev, Andrey; Hofmann, Jan P.; Hensen, Ernie J. M.: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2020, 261, -.
Abbott, Daniel F.; Pittkowski, Rebecca K.; Macounová, Katerina; Nebel, Roman; Marelli, Elena; Fabbri, Emiliana; Castelli, Ivano E.; Krtil, Petr; Schmidt, Thomas J.: *ACS APPLIED MATERIALS & INTERFACES*, 2019, 11, 37748-37760.
Macounová, Katerina Minhova; Nebel, Roman; Klusáčková, Monika; Klementová, Mariana; Krtil, Petr: *ACS APPLIED MATERIALS & INTERFACES*, 2019, 11, 16506-16516.

Song, Xiang; Zhao, Hui; Fang, Keneng; Lou, Yongshan; Liu, Zongkui; Liu, Chifeng; Ren, Zhandong; Zhou, Xiaorong; Fang, Hua; Zhu, Yuchan: *RSC ADVANCES*, 2019, 9, 3113-3119.
Macounová, Katefina Minhova; Simic, Nina; Ahlberg, Elisabet; Krtil, Petr: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2018, 165, E751-E758.
Tran Le Luu; Kim, Jiye; Yoon, Jeyong: *DESALINATION AND WATER TREATMENT*, 2017, 99, 204-210.
Takimoto, Daisuke; Ayato, Yusuke; Mochizuki, Dai; Sugimoto, Wataru: *ELECTROCHEMISTRY*, 2017, 85, 779-783.
Tee, Si Yin; Win, Khin Yin; Teo, Wee Siang; Koh, Leng-Duei; Liu, Shuhua; Teng, Choon Peng; Han, Ming-Yong: *ADVANCED SCIENCE*, 2017, 4, -.
Tran Le Luu; Kim, Choonsoo; Kim, Seonghwan; Kim, Jiye; Yoon, Jeyong: *DESALINATION AND WATER TREATMENT*, 2017, 77, 94-104.
Tran Le Luu; Kim, Jiye; Yoon, Jeyong: *DESALINATION AND WATER TREATMENT*, 2017, 77, 105-111.
Macounová, Katerina Minhova; Klusáčková, Monika; Nebel, Roman; Zukalova, Marketa; Klementová, Mariana; Castelli, Ivano E.; Spo, Mathias D.; Rossmeisl, Jan; Kavan, Ladislav; Krtil, Petr: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2017, 121, 6024-6032.
Herranz, Juan; Durst, Julien; Fabbri, Emiliana; Patru, Alexandra; Cheng, Xi; Permyakova, Anastasia A.; Schmidt, Thomas J.: *NANO ENERGY*, 2016, 29, 4-28.
Xu, Shuai; Liu, Yuan; Tong, Jinlin; Hu, Wei; Xia, Qinghua: *RUSSIAN JOURNAL OF ELECTROCHEMISTRY*, 2016, 52, 1021-1031.
Karlsson, Rasmus K. B.; Cornell, Ann: *CHEMICAL REVIEWS*, 2016, 116, 2982-3028.
Krause, Philipp P. T.; Camuka, Hava; Leichtweiss, Thomas; Over, Herbert: *NANOSCALE*, 2016, 8, 13944-13953.
Weremfo, Alexander; Lu, Xunyu; Carter, Paul; Hibbert, D. Brynn; Zhao, Chuan: *CHEMICAL COMMUNICATIONS*, 2016, 52, 4068-4071.
Kim, Jiye; Kim, Choonsoo; Kim, Seonghwan; Yoon, Jeyong: *KOREAN CHEMICAL ENGINEERING RESEARCH*, 2015, 53, 531-539.
Luu, Tran Le; Kim, Choonsoo; Kim, Jiye; Kim, Seonghwan; Yoon, Jeyong: *BULLETIN OF THE KOREAN CHEMICAL SOCIETY*, 2015, 36, 1411-1417.
Ren, Zhandong; Quan, Shanshan; Gao, Jie; Li, Wenyang; Zhu, Yuchan; Liu, Ye; Chai, Bo; Wang, Yourong: *RSC ADVANCES*, 2015, 5, 8778-8786.
Liang, Fengli; Yu, Ying; Zhou, Wei; Xu, Xiaoyong; Zhu, Zhonghua: *JOURNAL OF MATERIALS CHEMISTRY A*, 2015, 3, 634-640.
Goransson, Gert; Jirkovský, Jakub S.; Krtil, Petr; Ahlberg, Elisabet: *ELECTROCHIMICA ACTA*, 2014, 139, 345-355.
Reske, Rulle; Mistry, Hemma; Behafarid, Farzad; Roldan Cuenya, Beatriz; Strasser, Peter: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2014, 136, 6978-6986.
Ananth, Antony; Mok, Young Sun: *CHEMICAL ENGINEERING JOURNAL*, 2014, 239, 290-298.
Katsounaros, Ioannis; Cherevko, Serhiy; Zeradjanin, Aleksandar R.; Mayrhofer, Karl J. J.: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2014, 53, 102-121.
Natarajan, Varagunapandiyan; Basu, Suddhasatula; Scott, Keith: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2013, 38, 16623-16630.
Dell'Era, A.; Zuccari, F.; Santiangeli, A.; Fiori, C.; Micangeli, A.; Orecchini, F.: *ENERGY CONVERSION AND MANAGEMENT*, 2013, 75, 446-452.
Over, Herbert: *ELECTROCHIMICA ACTA*, 2013, 93, 314-333.
Petrykin, Valery; Macounová, Katerina; Okube, Maki; Mukerjee, Sanjeev; Krtil, Petr: *CATALYSIS TODAY*, 2013, 202, 63-69.
Reier, Tobias; Oezaslan, Mehtap; Strasser, Peter: *ACS CATALYSIS*, 2012, 2, 1765-1772.
Over, Herbert: *CHEMICAL REVIEWS*, 2012, 112, 3356-3426.
Moradi, F.; Dehghanian, C.: *MICRO & NANO LETTERS*, 2012, 7, 37-40.
Jirkovský, Jakub S.; Busch, Michael; Ahlberg, Elisabet; Panas, Itai; Krtil, Petr: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2011, 133, 5882-5892.
Adeyemo, Adedunni; Hunter, Gary; Dutta, Prabir K.: *SENSORS AND ACTUATORS B-CHEMICAL*, 2011, 152, 307-315.
Lee, Woong Hee; Kim, Hansung: *CATALYSIS COMMUNICATIONS*, 2011, 12, 408-411.
Tsuji, Etsushi; Imanishi, Akihito; Fukui, Ken-ichi; Nakato, Yoshihiro: *ELECTROCHIMICA ACTA*, 2011, 56, 2009-2016.
Petrykin, Valery; Macounová, Katerina; Franc, Jiri; Shlyakhtin, Oleg; Klementová, Mariana; Mukerjee, Sanjeev; Krtil, Petr: *CHEMISTRY OF MATERIALS*, 2011, 23, 200-207.
Dan Yuan-Yuan; Lu Hai-Yan; Liu Xiao-Lei; Lin Hai-Bo; Huang Wei-Min; Zhao Jing-Zhe: *CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE*, 2011, 32, 124-128.
Fang, Ya-Hui; Liu, Zhi-Pan: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2010, 132, 18214-18222.
Escalante-Garcia, I. L.; Duron-Torres, S. M.; Cruz, J. C.; Arriaga-Hurtado, L. G.: *JOURNAL OF NEW MATERIALS FOR ELECTROCHEMICAL SYSTEMS*, 2010, 13, 227-233.
Malmgren, Christine; Eriksson, Annika K.; Cornell, Ann; Backstrom, Joakim; Eriksson, Sten; Olin, Hakan: *THIN SOLID FILMS*, 2010, 518, 3615-3618.
Petrykin, V.; Macounová, K.; Shlyakhtin, O. A.; Krtil, Petr: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2010, 49, 4813-4815.
Petrykin, V.; Bastl, Z.; Franc, J.; Macounová, K.; Makarova, M.; Mukerjee, S.; Ramaswamy, N.; Spirovová, I.; Krtil, P.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 21657-21666.

Macounová, Katerina; Jirkovský, Jakub; Makarova, Marina V.; Franc, Jiri; Krtil, Petr: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2009, 13, 959-965.
Macounová, Katerina; Makarova, Marina; Jirkovský, Jakub; Franc, Jiri; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2008, 53, 6126-6134.
Shibli, S. M. A.; Dilimon, V. S.: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2008, 33, 1104-1111.
Makarova, Marina V.; Jirkovský, Jakub; Klementová, Mariana; Jirka, Ivan; Macounová, Katerina; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2008, 53, 2656-2664.
Cattarin, Sandro; Musiani, Marco: *ELECTROCHIMICA ACTA*, 2007, 52, 2796-2805.
Jirkovský, Jakub; Makarova, Marina; Krtil, Petr: *ELECTROCHEMISTRY COMMUNICATIONS*, 2006, 8, 1417-1422.

35. Jirkovský, J.; Makarova, M.; Krtil, P.; Particle size dependence of oxygen evolution reaction on nanocrystalline RuO_2 and $Ru_{0.8}Co_{0.2}O_{2-x}$. *Electrochemistry Communications* **2006**, *8* (9), 1417-1422. IF= 4.724, Počet citací: 66

Citováno v:
Dong, Heng; Yu, Weilai; Hoffmann, Michael R.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 20745-20761.
Anwar, Shams; Khan, Faisal; Zhang, Yahui; Djire, Abdoulaye: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2021, 46, 32284-32317.
Yu, Areum; Kim, Myung Hwa; Lee, Chongmok; Lee, Youngmi: *NANOSCALE*, 2021, 13, 13776-13785.
Annamalai, Abinaya; Shinde, Dipak V.; Buha, Joka; Marras, Sergio; Prato, Mirko; Lauciello, Simone; De Trizio, Luca; Manna, Liberato: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 10385-10392.
Anantharaj, Sengeni; Sugime, Hisashi; Noda, Suguru: *CHEMICAL ENGINEERING JOURNAL*, 2021, 408, -.
Anantharaj, Sengeni; Sugime, Hisashi; Chen, Bozhi; Akagi, Natsuho; Noda, Suguru: *ELECTROCHIMICA ACTA*, 2020, 364, -.
Gupta, Gaurav; Selvakumar, Karuppiah; Lakshminarasimhan, Narayanan; Kumar, Sakkarapalayam Murugesan Senthil; Mamlouk, Mohamed: *JOURNAL OF POWER SOURCES*, 2020, 461, -.
Nwanebu, Emmanuel Onyekachi; Yao, Yusong; Omanovic, Sasha: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2020, 865, -.
Anantharaj, Sengeni; Noda, Suguru: *CHEMELECTROCHEM*, 2020, 7, 2297-2308.
Tariq, Muhammad; Zaman, Waqas Qamar; Wu, Yiyi; Nabi, Azeem; Abbas, Zain; Iqbal, Waheed; Sun, Wei; Hao, Zhang; Zhou, Zhen Hua; Cao, Limei; Yang, Ji: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2019, 44, 31082-31093.
Zhou, Zhenhua; Zaman, Waqas Qamar; Sun, Wei; Zhang, Hao; Tariq, Muhammad; Cao, Limei; Yang, Ji: *CHEMELECTROCHEM*, 2019, 6, 4586-4594.
Ibrahim, Kassa B.; Tsai, Meng-Che; Chala, Soressa A.; Berihun, Mulatu K.; Kahsay, Amaha W.; Berhe, Taame A.; Su, Wei-Nien; Hwang, Bing-Joe: *JOURNAL OF THE CHINESE CHEMICAL SOCIETY*, 2019, 66, 829-865.
Ha, Heonjin; Jin, Kyoungsuk; Park, Sunghak; Lee, Kang-Gyu; Cho, Kang Hee; Seo, Hongmin; Ahn, Hyo-Yong; Lee, Yoon Ho; Nam, Ki Tae: *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2019, 10, 1226-1233.
Pittkowski, Rebecca; Krtil, Petr; Rossmeisl, Jan: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 12, 218-224.
Khan, Muhammad Arif; Zhao, Hongbin; Zou, Wenwen; Chen, Zhe; Cao, Wenjuan; Fang, Jianhui; Xu, Jiaqiang; Zhang, Lei; Zhang, Jiujun: *ELECTROCHEMICAL ENERGY REVIEWS*, 2018, 1, 483-530.
Boxall, N. J.; Adamek, N.; Cheng, K. Y.; Haque, N.; Bruckard, W.; Kaksonen, A. H.: *WASTE MANAGEMENT*, 2018, 74, 435-445.
Kim, Jiwhan; Choi, Juhyuk; Lim, Jinkyu; Lee, Hyunjoo: *BIMETALLIC NANOSTRUCTURES: SHAPE-CONTROLLED SYNTHESIS FOR CATALYSIS, PLASMONICS, AND SENSING APPLICATIONS*, 2018, 0, 317-359.
Zheng, Jingjing: *ELECTROCHIMICA ACTA*, 2017, 247, 381-391.
Zeng, Yachao; Guo, Xiaoqian; Shao, Zhigang; Yu, Hongmei; Song, Wei; Wang, Zhiqiang; Zhang, Hongjie; Yi, Baolian: *JOURNAL OF POWER SOURCES*, 2017, 342, 947-955.
Reier, Tobias; Nong, Hong Nhan; Teschner, Detre; Schloegl, Robert; Strasser, Peter: *ADVANCED ENERGY MATERIALS*, 2017, 7, -.
Xu, Shuai; Liu, Yuan; Tong, Jinlin; Hu, Wei; Xia, Qinghua: *RUSSIAN JOURNAL OF ELECTROCHEMISTRY*, 2016, 52, 1021-1031.
Karlsson, Rasmus K. B.; Cornell, Ann: *CHEMICAL REVIEWS*, 2016, 116, 2982-3028.
Sun, Wei; Song, Ya; Gong, Xue-Qing; Cao, Li-mei; Yang, Ji: *ACS APPLIED MATERIALS & INTERFACES*, 2016, 8, 820-826.
Park, Sangmin; SenthilKumar, Baskar; Kim, Kyoungho; Hwang, Soo Min; Kim, Youngsik: *JOURNAL OF MATERIALS CHEMISTRY A*, 2016, 4, 7207-7213.
Shih, Yu-Jen; Su, Chia-Chi; Lu, Ming-Chun; Huang, Chin Pao: *SUSTAINABLE ENVIRONMENT RESEARCH*, 2016, 26, 1-13.
Karlsson, Rasmus K. B.; Cornell, Ann; Pettersson, Lars G. M.: *ELECTROCHIMICA ACTA*, 2015, 180, 514-527.
Hu, Xiao-Hua; Pan, Jia-Chuan; Wang, Dan; Zhong, Wen; Wang, Hao-Yuan; Wang, Lin-Yi: *CHINESE CHEMICAL LETTERS*, 2015, 26, 595-598.
Liu, Gaoyang; Xu, Junyuan; Wang, Yituo; Wang, Xindong: *JOURNAL OF MATERIALS CHEMISTRY A*, 2015, 3, 20791-20800.

Abbott, Daniel F.; Petrykin, Valery; Okube, Maki; Bastl, Zdenk; Mukerjee, Sanjeev; Krtil, Petr: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2015, 162, H23-H31.
Xu, Junyuan; Aili, David; Li, Qingfeng; Christensen, Erik; Jensen, Jens Oluf; Zhang, Wei; Hansen, Martin Kalmar; Liu, Gaoyang; Wang, Xindong; Bjerrum, Niels J.: *ENERGY & ENVIRONMENTAL SCIENCE*, 2014, 7, 820-830.
Zhuiykov, Serge: *NANOSTRUCTURED SEMICONDUCTOR OXIDES FOR THE NEXT GENERATION OF ELECTRONICS AND FUNCTIONAL DEVICES: PROPERTIES AND APPLICATIONS*, 2014, 0, 374-426.
Hummelgard, Christine; Karlsson, Rasmus K. S.; Backstrom, Joakim; Rahman, Seikh M. H.; Cornell, Ann; Eriksson, Sten; Olin, Hakan: *MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS*, 2013, 178, 1515-1522.
Zhuiykov, Serge; Kats, Eugene: *SENSORS AND ACTUATORS B-CHEMICAL*, 2013, 187, 12-19.
Zhuiykov, Serge; Kats, Eugene; Marney, Donavan: *MEASUREMENT SCIENCE AND TECHNOLOGY*, 2013, 24, -.
Petrykin, Valery; Macounová, Katerina; Okube, Maki; Mukerjee, Sanjeev; Krtil, Petr: *CATALYSIS TODAY*, 2013, 202, 63-69.
Wang, Siwen; Xu, Haolong; Yao, Peidong; Chen, Xueming: *ELECTROCHEMISTRY*, 2012, 80, 507-511.
Zhuiykov, Serge: *SENSORS AND ACTUATORS B-CHEMICAL*, 2012, 161, 1-20.
Su, Hai-Yan; Gorlin, Yelena; Man, Isabela C.; Calle-Vallejo, Federico; Norskov, Jens K.; Jaramillo, Thomas F.; Rossmeisl, Jan: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2012, 14, 14010-14022.
Zhuiykov, Serge; Marney, Donavan; Kats, Eugene: *INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY*, 2011, 8, 1192-1200.
Chen, Shenying; Zheng, Yinghan; Wang, Siwen; Chen, Xueming: *CHEMICAL ENGINEERING JOURNAL*, 2011, 172, 47-51.
Man, Isabela C.; Su, Hai-Yan; Calle-Vallejo, Federico; Hansen, Heine A.; Martinez, Jose I.; Inoglu, Nilay G.; Kitchin, John; Jaramillo, Thomas F.; Norskov, Jens K.; Rossmeisl, Jan: *CHEMCATCHEM*, 2011, 3, 1159-1165.
Zhuiykov, Serge; Kats, Eugene; Plashnitsa, Vladimir; Miura, Norio: *ELECTROCHIMICA ACTA*, 2011, 56, 5435-5442.
Zhuiykov, Serge; Marney, Donavan; Kats, Eugene; Kalantar-Zadeh, Kourosh: *SENSORS AND ACTUATORS B-CHEMICAL*, 2011, 153, 312-320.
Jirkovský, Jakub S.; Busch, Michael; Ahlberg, Elisabet; Panas, Itai; Krtil, Petr: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2011, 133, 5882-5892.
Petrykin, Valery; Macounová, Katerina; Franc, Jiri; Shlyakhtin, Oleg; Klementová, Mariana; Mukerjee, Sanjeev; Krtil, Petr: *CHEMISTRY OF MATERIALS*, 2011, 23, 200-207.
Petrykin, V.; Bastl, Z.; Franc, J.; Macounová, K.; Makarova, M.; Mukerjee, S.; Ramaswamy, N.; Spirovová, I.; Krtil, P.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 21657-21666.
Macounová, Katerina; Jirkovský, Jakub; Makarova, Marina V.; Franc, Jiri; Krtil, Petr: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2009, 13, 959-965.
Petrykin, V.; Macounová, K.; Okube, M.; Franc, J.; Krtil, P.: *14TH INTERNATIONAL CONFERENCE ON X-RAY ABSORPTION FINE STRUCTURE (XAFS14), PROCEEDINGS*, 2009, 190, -.
Macounová, Katerina; Makarova, Marina; Jirkovský, Jakub; Franc, Jiri; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2008, 53, 6126-6134.
Macounová, Katerina; Makarova, Marina; Franc, Jiri; Jirkovský, Jakub; Krtil, Petr: *ELECTROCHEMICAL AND SOLID STATE LETTERS*, 2008, 11, F27-F29

36. Makarova, M. V.; Macounová, K.; Krtil, P.; The effect of cationic disorder on the optical and electrochemical behavior of nanocrystalline ZnO prepared from peroxide precursors. *Journal of Solid State Electrochemistry* **2006**, *10* (5), 320-328. IF= 2.647, Počet citací: 6

Citováno v:
Fathollahzadeh, M.; Hosseini, M.; Norouzi, M.; Ebrahimi, A.; Fathipour, M.; Kolahdouz, M.; Haghighi, B.: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2018, 22, 61-67.
Kannan, Padmanathan Karthick; Saraswathi, Ramiah: *JOURNAL OF MATERIALS RESEARCH*, 2017, 32, 2800-2809.
Li, Xiaoming; Song, Jizhong; Liu, Yanli; Zeng, Haibo: *CURRENT APPLIED PHYSICS*, 2014, 14, 521-527.
Dejneka, A.; Aulika, I.; Makarova, M. V.; Hubicka, Z.; Churpita, A.; Chvostova, D.; Jastrabik, L.; Trepakov, V. A.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2010, 157, G67-G70.
Al-Hilli, Safaa; Willander, Magnus: *SENSORS*, 2009, 9, 7445-7480.

37. Jirkovský, J.; Macounová, K.; Dietz, H.; Plieth, W.; Krtil, P.; Záliš, S.; Raman spectroscopy of nanocrystalline Li-Ti-O spinels and comparative DFT calculations on Ti_yO_z and $Li_xTi_yO_z$ clusters. *Collection of Czechoslovak Chemical Communications* **2007**, *72* (2), 171-184. IF= 1.137, Počet citací: 3

Citováno v:
Pelegov, Dmitry V.; Slautin, Boris N.; Gorshkov, Vadim S.; Zelenovskiy, Pavel S.; Kiselev, Evgeny A.; Kholkin, Andrei L.; Shur, Vladimir Ya.: *JOURNAL OF POWER SOURCES*, 2017, 346, 143-150.
Fernando, Amendra; Dimuthu, K. L.; Weerawardene, M.; Karimova, Natalia V.; Aikens, Christine M.: *CHEMICAL REVIEWS*, 2015, 115, 6112-6216.
Jovic, N.; Vucinic-Vasic, M.; Kremenovic, A.; Antic, B.; Jovalekic, C.; Vulic, P.; Kahlenberg, V.; Kaindl, R.: *MATERIALS CHEMISTRY AND PHYSICS*, 2009, 116, 542-549.

38. Kostlánová, T.; Dědeček, J.; Krtil, P.; The effect of the inner particle structure on the electronic structure of the nano-crystalline Li-Ti-O spinels. *Electrochimica Acta* **2007**, *52* (5), 1847-1856. DOI: 10.1016/j.electacta.2006.07.048. IF= 6.901, Počet citací: 36

Citováno v:

Liu, Zhenjie; Huang, Yudai; Cai, Yanjun; Wang, Xingchao; Zhang, Yue; Guo, Yong; Ding, Juan; Cheng, Wenhua: *ACS APPLIED MATERIALS & INTERFACES*, 2021, 13, 18876-18886.

Liu, Zhenjie; Zhang, Yue; Huang, Yudai; Wang, Xingchao; Ding, Juan; Guo, Yong; Tang, Xincun: *JOURNAL OF COLLOID AND INTERFACE SCIENCE*, 2021, 584, 900-906.

Su, Zhong; Liu, Jiahua; Li, Meng; Zhu, Yuxuan; Qian, Shangshu; Weng, Mouyi; Zheng, Jiaxin; Zhong, Yulin; Pan, Feng; Zhang, Shanqing: *ELECTROCHEMICAL ENERGY REVIEWS*, 2020, 3, 286-343.

Joshi, Yug; Saksena, Aparna; Hadjixenophontos, Efi; Schneider, Jochen M.; Schmitz, Guido: *ACS APPLIED MATERIALS & INTERFACES*, 2020, 12, 10616-10625.

Koecher, S. S.; Schleker, P. P. M.; Graf, M. F.; Eichel, R. -A.; Reuter, K.; Granwehr, J.; Scheurer, Ch.: *JOURNAL OF MAGNETIC RESONANCE*, 2018, 297, 33-41.

Widmaier, Mathias; Pfeifer, Kristina; Bommer, Lars; Presser, Volker: *BATTERIES & SUPERCAPS*, 2018, 1, 11-26.

Odziomek, Mateusz; Chaput, Frederic; Rutkowska, Anna; Swierczek, Konrad; Olszewska, Danuta; Sitarz, Maciej; Lerouge, Frederic; Parola, Stephane: *NATURE COMMUNICATIONS*, 2017, 8, 1-7.

Pelegov, Dmitry V.; Slautin, Boris N.; Zelenovskiy, Pavel S.; Kuznetsov, Dmitrii K.; Kiselev, Evgeny A.; Alikin, Denis O.; Kholkin, Andrei L.; Shur, Vladimir Ya.: *JOURNAL OF RAMAN SPECTROSCOPY*, 2017, 48, 278-283.

Graf, Magnus F.; Tempel, Hermann; Kocher, Simone S.; Schierholz, Roland; Scheurer, Christoph; Kungl, Hans; Eichel, Rudiger-A.; Granwehr, Josef: *RSC ADVANCES*, 2017, 7, 25276-25284.

Zahn, Stefan; Janek, Juergen; Mollenhauer, Doreen: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2017, 164, 0-0.

Verde, Michael G.; Baggetto, Loic; Balke, Nina; Veith, Gabriel M.; Seo, Joon Kyo; Wang, Ziying; Meng, Ying Shirley: *ACS NANO*, 2016, 10, 4312-4321.

Ozen, Soner; Senay, Volkan; Pat, Suat; Korkmaz, Sadan: *JOURNAL OF PHYSICS D-APPLIED PHYSICS*, 2016, 49, 0-0.

Zhang, Kun; Wang, Yilun; Jin, Weifeng; Fang, Xin; Wan, Yi; Zhang, Yinfeng; Han, Jingzhi; Dai, Lun: *RSC ADVANCES*, 2016, 6, 25123-25127.

Yue, Junpei; Suchomski, Christian; Brezesinski, Torsten; Smarsly, Bernd M.: *CHEMNANOMAT*, 2015, 1, 415-421.

Zhang, Qianyu; Verde, Michael G.; Seo, Joon Kyo; Li, Xi; Meng, Y. Shirley: *JOURNAL OF POWER SOURCES*, 2015, 280, 355-362.

Blaakmeer, E. S. (Merijn); Rosciano, Fabio; van Eck, Ernst R. H.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2015, 119, 7565-7577.

Zhao, Hailei: *RECHARGEABLE BATTERIES: MATERIALS, TECHNOLOGIES AND NEW TRENDS*, 2015, 0, 157-187.

Tsai, Ping-chun; Hsu, Wen-Dung; Lin, Shih-kang: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2014, 161, 0-0.

Hayashi, Hiromichi; Nakamura, Takashi; Ebina, Takeo: *JOURNAL OF THE CERAMIC SOCIETY OF JAPAN*, 2014, 122, 78-82.

Zhu, Yan-Rong; Yin, Long-Cheng; Yi, Ting-Feng; Liu, Haiping; Xie, Ying; Zhu, Rong-Sun: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2013, 547, 107-112.

Lapinski, M.; Koscielska, B.; Sadowski, W.: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2012, 536, 30-32.

Hain, Holger; Scheuermann, Marco; Heinzmann, Ralf; Wuensche, Linda; Hahn, Horst; Indris, Sylvio: *SOLID STATE NUCLEAR MAGNETIC RESONANCE*, 2012, 42, 9-16.

Jhan, Yi-Ruei; Duh, Jenq-Gong: *ELECTROCHIMICA ACTA*, 2012, 63, 9-15.

Li, Dengyue; Li, Hongtao; Sun, Hehui; Zhao, Liancheng: *NANOSCALE RESEARCH LETTERS*, 2011, 6, 1-4.

Mathew, Vinod; Lim, Jinsub; Gim, Jihyeon; Kim, Donghan; Moon, Jieh; Kang, Jungwon; Kim, Jaekook: *JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY*, 2011, 11, 7294-7298.

Khomane, Ramdas B.; Prakash, A. S.; Ramesha, K.; Sathiya, M.: *MATERIALS RESEARCH BULLETIN*, 2011, 46, 1139-1142.

Vijayakumar, M.; Kerisit, Sebastien; Rosso, Kevin M.; Burton, Sarah D.; Sears, Jesse A.; Yang, Zhenguo; Graff, Gordon L.; Liu, Jun; Hu, Jianzhi: *JOURNAL OF POWER SOURCES*, 2011, 196, 2211-2220.

Ding, Zijing; Zhao, Liang; Suo, Liumin; Jiao, Yang; Meng, Sheng; Hu, Yong-Sheng; Wang, Zhaoxiang; Chen, Liquan: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2011, 13, 15127-15133.

Lim, Jinsub; Choi, Eunseok; Mathew, Vinod; Kim, Donghan; Ahn, Docheon; Gim, Jihyeon; Kang, Sun-Ho; Kim, Jaekook: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2011, 158, 0-0.

Yuan, Tao; Cai, Rui; Ran, Ran; Zhou, Yingke; Shao, Zongping: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2010, 505, 367-373.

Kellerman, D. G.; Mukhina, N. A.; Zhuravlev, N. A.; Valova, M. S.; Gorshkov, V. S.: *PHYSICS OF THE SOLID STATE*, 2010, 52, 459-464.

Vijayakumar, M.; Kerisit, Sebastien; Yang, Zhenguo; Graff, Gordon L.; Liu, Jun; Sears, Jesse A.; Burton, Sarah D.; Rosso, Kevin M.; Hu, Jianzhi: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 20108-20116.

Kostlánová, Tereza; Makarova, Marina V.; Krtil, Petr: *JOURNAL OF MATERIALS RESEARCH*, 2008, 23, 1136-1146.

Wilson, Gregory J.: *AUSTRALIAN JOURNAL OF CHEMISTRY*, 2007, 60, 964-964.
Jirkovský, Jakub; Macounová, Katerina; Dietz, Hartmut; Plieth, Waldfried; Krtil, Petr; Zalis, Stanislav: *COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS*, 2007, 72, 171-184.

39. Macounová, K.; Jirka, I.; Trojánek, A.; Makarova, M.; Samec, Z.; Krtil, P.; Electrochemical Behavior of nanocrystalline $Ru_{0.8}Me_{0.2}O_{2-chi}$ (Me = Fe,Co,Ni) oxide electrodes in double-layer region. *Journal of the Electrochemical Society* **2007**, *154* (12), A1077-A1082. IF= 4.316, Počet citací: 5

Citováno v:
Abbott, Daniel F.; Mukerjee, Sanjeev; Petrykin, Valery; Bastl, Zdenek; Halck, Niels Bendtsen; Rossmeisl, Jan; Krtil, Petr: *RSC ADVANCES*, 2015, 5, 1235-1243.
Pan, Hui: *NANOFABRICATION AND ITS APPLICATION IN RENEWABLE ENERGY*, 2014, , 121-198.
Yuan, Changzhou; Hou, Linrui; Yang, Long; Li, Diankai; Tan, Jie; Shen, Laifa; Zhang, Fang; Zhang, Xiaogang: *JOURNAL OF COLLOID AND INTERFACE SCIENCE*, 2011, 354, 804-809.
Pan, Hui; Li, Jianyi; Feng, Yuan Ping: *NANOSCALE RESEARCH LETTERS*, 2010, 5, 654-668.
Macounová, Katerina; Jirkovský, Jakub; Makarova, Marina V.; Franc, Jiri; Krtil, Petr: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2009, 13, 959-965.

40. Franc, J.; Nešpůrek, S.; Makarova, M. V.; Krtil, P.; Doped cadmium sulfide particles in polymer matrix: X-ray diffraction, optical reflectivity and photoconductivity study. *Journal of Optoelectronics and Advanced Materials* **2008**, *10* (3), 520-527. IF= 0.587, Počet citací: 0

41. Kostlánová, T.; Makarova, M. V.; Krtil, P.; Solvothermal approach to nanocrystalline Li-Ti-O insertion hosts-solvent polarity effect. *Journal of Materials Research* **2008**, *23* (4), 1136-1146. DOI: 10.1557/jmr.2008.0145. IF= 3.089, Počet citací: 4

Citováno v:
Hayashi, Hiromichi; Nakamura, Takashi; Ebina, Takeo: *JOURNAL OF THE CERAMIC SOCIETY OF JAPAN*, 2014, 122, 78-82.
Makarova, M.; Bykov, P.; Drahokoupil, J.; Cernansky, M.; Dlabacek, Z.; Dejneka, A.; Jastrabik, L.; Trepakova, V.: *MATERIALS RESEARCH BULLETIN*, 2012, 47, 1768-1773.
Lim, Jinsub; Choi, Eunseok; Mathew, Vinod; Kim, Donghan; Ahn, Docheon; Gim, Jihyeon; Kang, Sun-Ho; Kim, Jaekook: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2011, 158, A275-A280.
Makarova, M.; Dejneka, A.; Franc, J.; Drahokoupil, J.; Jastrabik, L.; Trepakov, V.: *OPTICAL MATERIALS*, 2010, 32, 803-806.

42. Macounová, K.; Makarova, M.; Franc, J.; Jirkovský, J.; Krtil, P.; Influence of Oxygen on Reactivity of $Ru_{1-x}Fe_xO_{2-y}$ -Doped Materials. *Electrochemical and Solid State Letters* **2008**, *11* (12), F27-F29, Article. DOI: 10.1149/1.2978963. IF= 2.321, Počet citací: 20

Citováno v:
Dong, Heng; Yu, Weilai; Hoffmann, Michael R.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 20745-20761.
Wang, Maoyu; Feng, Zhenxing: *CHEMICAL COMMUNICATIONS*, 2021, 57, 10453-10468.
Wang, Yihan; Liu, Yangyang; Wiley, Dianne; Zhao, Shenlong; Tang, Zhiyong: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 18974-18993.
Annamalai, Abinaya; Shinde, Dipak V.; Buha, Joka; Marras, Sergio; Prato, Mirko; Lauciello, Simone; De Trizio, Luca; Manna, Liberato: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 10385-10392.
Nwanebu, Emmanuel Onyekachi; Yao, Yusong; Omanovic, Sasha: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2020, 865, -.
Pascuzzi, Marco Etzi Coller; Goryachev, Andrey; Hofmann, Jan P.; Hensen, Ernie J. M.: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2020, 261, -.
Nakada, Akinobu; Suzuki, Hajime; Verizo, Junie Jhon M.; Ogawa, Kanta; Higashi, Masanobu; Saeki, Akinori; Yamakata, Akira; Kageyama, Hiroshi; Abe, Ryu: *ACS APPLIED MATERIALS & INTERFACES*, 2019, 11, 45606-45611.
Saha, Sulay; Kishor, Koshal; Pala, Raj Ganesh S.: *CATALYSIS SCIENCE & TECHNOLOGY*, 2018, 8, 878-886.
Yao, Zhen; Reuter, Karsten: *CHEMCATCHEM*, 2018, 10, 465-469.
Kim, Jiwhan; Choi, Juhyuk; Lim, Jinkyu; Lee, Hyunjoo: *BIMETALLIC NANOSTRUCTURES: SHAPE-CONTROLLED SYNTHESIS FOR CATALYSIS, PLASMONICS, AND SENSING APPLICATIONS*, 2018, 0, 317-359.
Reier, Tobias; Nong, Hong Nhan; Teschner, Detre; Schloegl, Robert; Strasser, Peter: *ADVANCED ENERGY MATERIALS*, 2017, 7, -.
Karlsson, Rasmus K. B.; Cornell, Ann: *CHEMICAL REVIEWS*, 2016, 116, 2982-3028.
Abbott, Daniel F.; Petrykin, Valery; Okube, Maki; Bastl, Zdenk; Mukerjee, Sanjeev; Krtil, Petr: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2015, 162, H23-H31.
Petrykin, Valery; Macounová, Katerina; Okube, Maki; Mukerjee, Sanjeev; Krtil, Petr: *CATALYSIS TODAY*, 2013, 202, 63-69.

Chen, Dong; Fang, Ya-Hui; Liu, Zhi-Pan: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2012, 14, 16612-16617.
Valdes, Alvaro; Brillet, Jeremie; Graetzel, Michael; Gudmundsdottir, Hildur; Hansen, Heine A.; Jonsson, Hannes; Kluepfel, Peter; Kroes, Geert-Jan; Le Formal, Florian; Man, Isabela C.; Martins, Rafael S.; Norskov, Jens K.; Rossmeisl, Jan; Sivula, Kevin; Vo: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2012, 14, 49-70.
Man, Isabela C.; Su, Hai-Yan; Calle-Vallejo, Federico; Hansen, Heine A.; Martinez, Jose I.; Inoglu, Nilay G.; Kitchin, John; Jaramillo, Thomas F.; Norskov, Jens K.; Rossmeisl, Jan: *CHEMCATCHEM*, 2011, 3, 1159-1165.
Petrykin, Valery; Macounová, Katerina; Franc, Jiri; Shlyakhtin, Oleg; Klementová, Mariana; Mukerjee, Sanjeev; Krtil, Petr: *CHEMISTRY OF MATERIALS*, 2011, 23, 200-207.
Petrykin, V.; Bastl, Z.; Franc, J.; Macounová, K.; Makarova, M.; Mukerjee, S.; Ramaswamy, N.; Spirovová, I.; Krtil, P.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 21657-21666.
Petrykin, V.; Macounová, K.; Okube, M.; Franc, J.; Krtil, P.: *14TH INTERNATIONAL CONFERENCE ON X-RAY ABSORPTION FINE STRUCTURE (XAFS14), PROCEEDINGS*, 2009, 190, -.

43. Macounová, K.; Makarova, M.; Jirkovský, J.; Franc, J.; Krtil, P.; Parallel oxygen and chlorine evolution on $Ru_{1-x}Ni_xO_{2-y}$ nanostructured electrodes. *Electrochimica Acta* **2008**, *53* (21), 6126-6134, Article; Proceedings Paper. DOI: 10.1016/j.electacta.2007.11.014. IF=6.901 , Počet citací: 71

Citováno v:
Liu, Xingxin; Song, Chol Nam; Zhang, Yuxin; Sha, Li; Li, Yiming; Zhang, Shuting: *SEPARATION AND PURIFICATION TECHNOLOGY*, 2021, 276, -.
Lim, Taejung; Kim, Jae Hyung; Kim, Jinjong; Baek, Du San; Shin, Tae Joo; Jeong, Hu Young; Lee, Kug-Seung; Exner, Kai S.; Joo, Sang Hoon: *ACS CATALYSIS*, 2021, 11, 12232-12246.
Dong, Heng; Yu, Weilai; Hoffmann, Michael R.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 20745-20761.
Zhou, Feng; Zhang, Lijie; Li, Juan; Wang, Qi; Chen, Yurou; Chen, Hailun; Lu, Guolong; Chen, Guang; Jin, Huile; Wang, Shun; Wang, Jichang: *ENGINEERING REPORTS*, 2021, 3, -.
Wang, Yihan; Liu, Yangyang; Wiley, Dianne; Zhao, Shenlong; Tang, Zhiyong: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 18974-18993.
Annamalai, Abinaya; Shinde, Dipak V.; Buha, Joka; Marras, Sergio; Prato, Mirko; Lauciello, Simone; De Trizio, Luca; Manna, Liberato: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 10385-10392.
Wang, Hongsen; Abruna, Hector D.: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2020, 277, -.
Huang, Jiahui; Hou, Mengjie; Wang, Jianying; Teng, Xue; Niu, Yanli; Xu, Mingze; Chen, Zuofeng: *ELECTROCHIMICA ACTA*, 2020, 339, -.
Goryachev, Andrey; Pascuzzi, Marco Etzi Coller; Carla, Francesco; Weber, Tim; Over, Herbert; Hensen, Emiel J. M.; Hofmann, Jan P.: *ELECTROCHIMICA ACTA*, 2020, 336, -.
Tong, Wenming; Forster, Mark; Dionigi, Fabio; Dresp, Soeren; Sadeghi Erami, Roghayeh; Strasser, Peter; Cowan, Alexander J.; Farras, Pau: *NATURE ENERGY*, 2020, 5, 367-377.
Pascuzzi, Marco Etzi Coller; Goryachev, Andrey; Hofmann, Jan P.; Hensen, Ernie J. M.: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2020, 261, -.
Zuo, Juan; Zhu, Junqiu; Zhang, Mingzhou; Hong, Qiming; Han, Jie; Liu, Jianfu: *APPLIED SURFACE SCIENCE*, 2020, 502, -.
Lim, Taejung; Jung, Gwan Yeong; Kim, Jae Hyung; Park, Sung O.; Park, Jaehyun; Kim, Yong-Tae; Kang, Seok Ju; Jeong, Hu Young; Kwak, Sang Kyu; Joo, Sang Hoon: *NATURE COMMUNICATIONS*, 2020, 11, -.
Anantharaj, Sengeni; Aravindan, Vanchiappan: *ADVANCED ENERGY MATERIALS*, 2020, 10, -.
Yuan, Fanglu; Cui, Lele; Ding, Peipei; Jing, Wenheng: *CHINESE JOURNAL OF CHEMICAL ENGINEERING*, 2020, 28, 271-278.
Wang, Ju; Zhai, Conghui; Chen, Hanruo; Cong, Ning; Tan, Lingjun; Fang, Hua; Zhou, Xiaorong; Ren, Zhandong; Zhu, Yuchan: *INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE*, 2019, 14, 10187-10197.
Filimonenkov, Ivan S.; Tsirlina, Galina A.; Savinova, Elena R.: *ELECTROCHIMICA ACTA*, 2019, 319, 227-236.
Vos, Johannes G.; Liu, Zhichao; Speck, Florian D.; Perini, Nickson; Fu, Wentian; Cherevko, Serhiy; Koper, Marc T. M.: *ACS CATALYSIS*, 2019, 9, 8561-8574.
Silva, R. C.; Gouveia, A. F.; Sczancoski, J. C.; Santos, R. S.; Sa, J. L. S.; Longo, E.; Cavalcante, L. S.: *ELECTRONIC MATERIALS LETTERS*, 2019, 15, 645-653.
Wintrich, Daniela; Oehl, Denis; Barwe, Stefan; Ganassin, Alberto; Moeller, Sandra; Tarnev, Tsvetan; Botz, Alexander; Ruff, Adrian; Clausmeyer, Jan; Masa, Justus; Schuhmann, Wolfgang: *CHEMELECTROCHEM*, 2019, 6, 3108-3112.
Ha, Heonjin; Jin, Kyoungsuk; Park, Sunghak; Lee, Kang-Gyu; Cho, Kang Hee; Seo, Hongmin; Ahn, Hyo-Yong; Lee, Yoon Ho; Nam, Ki Tae: *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2019, 10, 1226-1233.
Macounová, Katerina Minhova; Simic, Nina; Ahlberg, Elisabet; Krtil, Petr: *ELECTROCATALYSIS*, 2019, 10, 45-55.
Filimonenkov, Ivan S.; Istomin, Sergey Ya; Antipov, Evgeny, V; Tsirlina, Galina A.; Savinova, Elena R.: *ELECTROCHIMICA ACTA*, 2018, 286, 304-312.
Vos, J. G.; Koper, M. T. M.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2018, 819, 260-268.
Saha, Sulay; Kishor, Koshal; Pala, Raj Ganesh S.: *CATALYSIS SCIENCE & TECHNOLOGY*, 2018, 8, 878-886.
Yao, Zhen; Reuter, Karsten: *CHEMCATCHEM*, 2018, 10, 465-469.
Bao Xiaoyang; Bao Jiqing: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2018, 165, H177-H182.

Saha, S.; Kishor, K.; Pala, R. G. S.: *INDUSTRIAL ELECTROCHEMISTRY AND ELECTROCHEMICAL ENGINEERING GENERAL SESSION*, 2018, 85, 3-11.
Kim, Jiwhan; Choi, Juhyuk; Lim, Jinkyu; Lee, Hyunjoo: *BIMETALLIC NANOSTRUCTURES: SHAPE-CONTROLLED SYNTHESIS FOR CATALYSIS, PLASMONICS, AND SENSING APPLICATIONS*, 2018, 0, 317-359.
Xue, Lingzhi; Sun, Na; Chen, Feng: *COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS*, 2017, 535, 1-7.
Anantharaj, Sengeni; Kundu, Subrata: *CURRENT NANOSCIENCE*, 2017, 13, 333-341.
Sapountzi, Foteini M.; Gracia, Jose M.; Weststrate, C. J. (Kees-Jan); Fredriksson, Hans O. A.; Niemantsverdriet, J. W. (Hans): *PROGRESS IN ENERGY AND COMBUSTION SCIENCE*, 2017, 58, 1-35.
Xu, Shuai; Liu, Yuan; Tong, Jinlin; Hu, Wei; Xia, Qinghua: *RUSSIAN JOURNAL OF ELECTROCHEMISTRY*, 2016, 52, 1021-1031.
Xu, Shuai; Chen, Shengli; Tian, Lihong; Xia, Qinghua; Hu, Wei: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2016, 20, 1961-1970.
Dionigi, Fabio; Reier, Tobias; Pawolek, Zarina; Gliech, Manuel; Strasser, Peter: *CHEMSUSCHEM*, 2016, 9, 962-972.
Makarova, Marina V.; Artemenko, Anna; Kopecek, Jaromir; Laufek, Frantisek; Zemenova, Petra; Trepakov, Vladimir A.; Dejneka, Alexandr: *SCRIPTA MATERIALIA*, 2016, 116, 21-25.
Karlsson, Rasmus K. B.; Cornell, Ann: *CHEMICAL REVIEWS*, 2016, 116, 2982-3028.
Hu, Xiao-Hua; Pan, Jia-Chuan; Wang, Dan; Zhong, Wen; Wang, Hao-Yuan; Wang, Lin-Yi: *CHINESE CHEMICAL LETTERS*, 2015, 26, 595-598.
Kuznetsova, Elizaveta; Petrykin, Valery; Sunde, Svein; Krtil, Petr: *ELECTROCATALYSIS*, 2015, 6, 198-210.
Tran Le Luu; Kim, Jiye; Yoon, Jeyong: *JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY*, 2015, 21, 400-404.
Abbott, Daniel F.; Petrykin, Valery; Okube, Maki; Bastl, Zdenk; Mukerjee, Sanjeev; Krtil, Petr: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2015, 162, H23-H31.
Abbott, Daniel F.; Mukerjee, Sanjeev; Petrykin, Valery; Bastl, Zdenek; Halck, Niels Bendtsen; Rossmeisl, Jan; Krtil, Petr: *RSC ADVANCES*, 2015, 5, 1235-1243.
Zhuiykov, Serge: *NANOSTRUCTURED SEMICONDUCTOR OXIDES FOR THE NEXT GENERATION OF ELECTRONICS AND FUNCTIONAL DEVICES: PROPERTIES AND APPLICATIONS*, 2014, 0, 374-426.
Zeradjanin, Aleksandar R.; Menzel, Nadine; Schuhmann, Wolfgang; Strasser, Peter: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2014, 16, 13741-13747.
Dell'Era, A.; Zuccari, F.; Santiangeli, A.; Fiori, C.; Micangeli, A.; Orecchini, F.: *ENERGY CONVERSION AND MANAGEMENT*, 2013, 75, 446-452.
Zhuiykov, Serge; Kats, Eugene: *SENSORS AND ACTUATORS B-CHEMICAL*, 2013, 187, 12-19.
Xiong, Kun; Deng, Zihua; Li, Li; Chen, Siguo; Xia, Meirong; Zhang, Li; Qi, Xueqiang; Ding, Wei; Tan, Shiyu; Wei, Zidong: *JOURNAL OF APPLIED ELECTROCHEMISTRY*, 2013, 43, 847-854.
Zhuiykov, Serge; Kats, Eugene; Marney, Donavan: *MEASUREMENT SCIENCE AND TECHNOLOGY*, 2013, 24, -.
Petrykin, Valery; Macounová, Katerina; Okube, Maki; Mukerjee, Sanjeev; Krtil, Petr: *CATALYSIS TODAY*, 2013, 202, 63-69.
Mascia, Michele; Vacca, Annalisa; Palmas, Simonetta: *CHEMICAL ENGINEERING JOURNAL*, 2013, 219, 512-519.
Mascia, M.; Vacca, A.; Palmas, S.: *CHEMICAL ENGINEERING JOURNAL*, 2012, 211, 479-487.
Wang, Siwen; Xu, Haolong; Yao, Peidong; Chen, Xueming: *ELECTROCHEMISTRY*, 2012, 80, 507-511.
Over, Herbert: *CHEMICAL REVIEWS*, 2012, 112, 3356-3426.
Du, Lin; Wu, Jin; Hu, Changwei: *ELECTROCHIMICA ACTA*, 2012, 68, 69-73.
Zhuiykov, Serge: *SENSORS AND ACTUATORS B-CHEMICAL*, 2012, 161, 1-20.
Zhuiykov, Serge; Marney, Donavan; Kats, Eugene: *INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY*, 2011, 8, 1192-1200.
Simka, Wojciech; Gorewoda, Tadeusz; Mazurkiewicz, Roman; Nawrat, Ginter: *JOURNAL OF APPLIED ELECTROCHEMISTRY*, 2011, 41, 809-815.
Zhuiykov, Serge; Kats, Eugene; Plashnitsa, Vladimir; Miura, Norio: *ELECTROCHIMICA ACTA*, 2011, 56, 5435-5442.
Zhuiykov, Serge; Marney, Donavan; Kats, Eugene; Kalantar-Zadeh, Kourosh: *SENSORS AND ACTUATORS B-CHEMICAL*, 2011, 153, 312-320.
Jirkovský, Jakub S.; Busch, Michael; Ahlberg, Elisabet; Panas, Itai; Krtil, Petr: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2011, 133, 5882-5892.
Zhuiykov, Serge; Plashnitsa, Vladimir; Miura, Norio: *MATERIALS LETTERS*, 2011, 65, 991-994.
Petrykin, Valery; Macounová, Katerina; Franc, Jiri; Shlyakhtin, Oleg; Klementová, Mariana; Mukerjee, Sanjeev; Krtil, Petr: *CHEMISTRY OF MATERIALS*, 2011, 23, 200-207.
Fang, Ya-Hui; Liu, Zhi-Pan: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2010, 132, 18214-18222.
Zhuiykov, Serge; Kats, Eugene; Marney, Donavan: *TALANTA*, 2010, 82, 502-507.
Petrykin, V.; Macounová, K.; Shlyakhtin, O. A.; Krtil, Petr: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2010, 49, 4813-4815.
Petrykin, V.; Bastl, Z.; Franc, J.; Macounová, K.; Makarova, M.; Mukerjee, S.; Ramaswamy, N.; Spirovová, I.; Krtil, P.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 21657-21666.
Zhuiykov, Serge: *IONICS*, 2009, 15, 693-701.
Macounová, Katerina; Makarova, Marina; Krtil, Petr: *ELECTROCHEMISTRY COMMUNICATIONS*, 2009, 11, 1865-1868.

Macounová, Katerina; Jirkovský, Jakub; Makarova, Marina V.; Franc, Jiri; Krtil, Petr: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2009, 13, 959-965.
Petrykin, V.; Macounová, K.; Okube, M.; Franc, J.; Krtil, P.: *14TH INTERNATIONAL CONFERENCE ON X-RAY ABSORPTION FINE STRUCTURE (XAFS14), PROCEEDINGS*, 2009, 190, -.
Macounová, Katerina; Makarova, Marina; Franc, Jiri; Jirkovský, Jakub; Krtil, Petr: *ELECTROCHEMICAL AND SOLID STATE LETTERS*, 2008, 11, F27-F29.

44. Makarova, M. V.; Jirkovský, J.; Klementová, M.; Jirka, I.; Macounová, K.; Krtil, P.; The electrocatalytic behavior of $Ru_{0.8}Co_{0.2}O_{2-x}$ - the effect of particle shape and surface composition. *Electrochimica Acta* **2008**, *53* (5), 2656-2664. IF= 6.901, Počet citací: 50

Citováno v:
Dong, Heng; Yu, Weilai; Hoffmann, Michael R.: JOURNAL OF PHYSICAL CHEMISTRY C, 2021, 125, 20745-20761.
Anwar, Shams; Khan, Faisal; Zhang, Yahui; Djire, Abdoulaye: INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, 2021, 46, 32284-32317.
Yu, Areum; Kim, Myung Hwa; Lee, Chongmok; Lee, Youngmi: NANOSCALE, 2021, 13, 13776-13785.
Annamalai, Abinaya; Shinde, Dipak V.; Buha, Joka; Marras, Sergio; Prato, Mirko; Lauciello, Simone; De Trizio, Luca; Manna, Liberato: JOURNAL OF MATERIALS CHEMISTRY A, 2021, 9, 10385-10392.
Anantharaj, Sengeni; Sugime, Hisashi; Noda, Suguru: CHEMICAL ENGINEERING JOURNAL, 2021, 408, -.
Anantharaj, Sengeni; Sugime, Hisashi; Chen, Bozhi; Akagi, Natsuho; Noda, Suguru: ELECTROCHIMICA ACTA, 2020, 364, -.
Gupta, Gaurav; Selvakumar, Karuppiah; Lakshminarasimhan, Narayanan; Kumar, Sakkarapalayam Murugesan Senthil; Mamlouk, Mohamed: JOURNAL OF POWER SOURCES, 2020, 461, -.
Nwanebu, Emmanuel Onyekachi; Yao, Yusong; Omanovic, Sasha: JOURNAL OF ELECTROANALYTICAL CHEMISTRY, 2020, 865, -.
Anantharaj, Sengeni; Noda, Suguru: CHEMELECTROCHEM, 2020, 7, 2297-2308.
Tariq, Muhammad; Zaman, Waqas Qamar; Wu, Yiyi; Nabi, Azeem; Abbas, Zain; Iqbal, Waheed; Sun, Wei; Hao, Zhang; Zhou, Zhen Hua; Cao, Limei; Yang, Ji: INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, 2019, 44, 31082-31093.
Zhou, Zhenhua; Zaman, Waqas Qamar; Sun, Wei; Zhang, Hao; Tariq, Muhammad; Cao, Limei; Yang, Ji: CHEMELECTROCHEM, 2019, 6, 4586-4594.
Ibrahim, Kassa B.; Tsai, Meng-Che; Chala, Soressa A.; Berihun, Mulatu K.; Kahsay, Amaha W.; Berhe, Taame A.; Su, Wei-Nien; Hwang, Bing-Joe: JOURNAL OF THE CHINESE CHEMICAL SOCIETY, 2019, 66, 829-865.
Ha, Heonjin; Jin, Kyoungsuk; Park, Sunghak; Lee, Kang-Gyu; Cho, Kang Hee; Seo, Hongmin; Ahn, Hyo-Yong; Lee, Yoon Ho; Nam, Ki Tae: JOURNAL OF PHYSICAL CHEMISTRY LETTERS, 2019, 10, 1226-1233.
Pittkowski, Rebecca; Krtil, Petr; Rossmeisl, Jan: CURRENT OPINION IN ELECTROCHEMISTRY, 2018, 12, 218-224.
Khan, Muhammad Arif; Zhao, Hongbin; Zou, Wenwen; Chen, Zhe; Cao, Wenjuan; Fang, Jianhui; Xu, Jiaqiang; Zhang, Lei; Zhang, Jiujun: ELECTROCHEMICAL ENERGY REVIEWS, 2018, 1, 483-530.
Boxall, N. J.; Adamek, N.; Cheng, K. Y.; Haque, N.; Bruckard, W.; Kaksonen, A. H.: WASTE MANAGEMENT, 2018, 74, 435-445.
Kim, Jiwhan; Choi, Juhyuk; Lim, Jinkyu; Lee, Hyunjoo: BIMETALLIC NANOSTRUCTURES: SHAPE-CONTROLLED SYNTHESIS FOR CATALYSIS, PLASMONICS, AND SENSING APPLICATIONS, 2018, 0, 317-359.
Zheng, Jingjing: ELECTROCHIMICA ACTA, 2017, 247, 381-391.
Zeng, Yachao; Guo, Xiaoqian; Shao, Zhigang; Yu, Hongmei; Song, Wei; Wang, Zhiqiang; Zhang, Hongjie; Yi, Baolian: JOURNAL OF POWER SOURCES, 2017, 342, 947-955.
Reier, Tobias; Nong, Hong Nhan; Teschner, Detre; Schloegl, Robert; Strasser, Peter: ADVANCED ENERGY MATERIALS, 2017, 7, -.
Xu, Shuai; Liu, Yuan; Tong, Jinlin; Hu, Wei; Xia, Qinghua: RUSSIAN JOURNAL OF ELECTROCHEMISTRY, 2016, 52, 1021-1031.
Karlsson, Rasmus K. B.; Cornell, Ann: CHEMICAL REVIEWS, 2016, 116, 2982-3028.
Sun, Wei; Song, Ya; Gong, Xue-Qing; Cao, Li-mei; Yang, Ji: ACS APPLIED MATERIALS & INTERFACES, 2016, 8, 820-826.
Park, Sangmin; SenthilKumar, Baskar; Kim, Kyoungho; Hwang, Soo Min; Kim, Youngsik: JOURNAL OF MATERIALS CHEMISTRY A, 2016, 4, 7207-7213.
Shih, Yu-Jen; Su, Chia-Chi; Lu, Ming-Chun; Huang, Chin Pao: SUSTAINABLE ENVIRONMENT RESEARCH, 2016, 26, 1-13.
Karlsson, Rasmus K. B.; Cornell, Ann; Pettersson, Lars G. M.: ELECTROCHIMICA ACTA, 2015, 180, 514-527.
Hu, Xiao-Hua; Pan, Jia-Chuan; Wang, Dan; Zhong, Wen; Wang, Hao-Yuan; Wang, Lin-Yi: CHINESE CHEMICAL LETTERS, 2015, 26, 595-598.
Liu, Gaoyang; Xu, Junyuan; Wang, Yituo; Wang, Xindong: JOURNAL OF MATERIALS CHEMISTRY A, 2015, 3, 20791-20800.
Abbott, Daniel F.; Petrykin, Valery; Okube, Maki; Bastl, Zdenk; Mukerjee, Sanjeev; Krtil, Petr: JOURNAL OF THE ELECTROCHEMICAL SOCIETY, 2015, 162, H23-H31.

Xu, Junyuan; Aili, David; Li, Qingfeng; Christensen, Erik; Jensen, Jens Oluf; Zhang, Wei; Hansen, Martin Kalmar; Liu, Gaoyang; Wang, Xindong; Bjerrum, Niels J.: ENERGY & ENVIRONMENTAL SCIENCE, 2014, 7, 820-830.
Zhuiykov, Serge: NANOSTRUCTURED SEMICONDUCTOR OXIDES FOR THE NEXT GENERATION OF ELECTRONICS AND FUNCTIONAL DEVICES: PROPERTIES AND APPLICATIONS, 2014, 0, 374-426.
Hummelgard, Christine; Karlsson, Rasmus K. S.; Backstrom, Joakim; Rahman, Seikh M. H.; Cornell, Ann; Eriksson, Sten; Olin, Hakan: MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS, 2013, 178, 1515-1522.
Zhuiykov, Serge; Kats, Eugene: SENSORS AND ACTUATORS B-CHEMICAL, 2013, 187, 12-19.
Zhuiykov, Serge; Kats, Eugene; Marney, Donavan: MEASUREMENT SCIENCE AND TECHNOLOGY, 2013, 24, -.
Petrykin, Valery; Macounová, Katerina; Okube, Maki; Mukerjee, Sanjeev; Krtil, Petr: CATALYSIS TODAY, 2013, 202, 63-69.
Wang, Siwen; Xu, Haolong; Yao, Peidong; Chen, Xueming: ELECTROCHEMISTRY, 2012, 80, 507-511.
Zhuiykov, Serge: SENSORS AND ACTUATORS B-CHEMICAL, 2012, 161, 1-20.
Su, Hai-Yan; Gorlin, Yelena; Man, Isabela C.; Calle-Vallejo, Federico; Norskov, Jens K.; Jaramillo, Thomas F.; Rossmeisl, Jan: PHYSICAL CHEMISTRY CHEMICAL PHYSICS, 2012, 14, 14010-14022.
Zhuiykov, Serge; Marney, Donavan; Kats, Eugene: INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY, 2011, 8, 1192-1200.
Chen, Shenying; Zheng, Yinghan; Wang, Siwen; Chen, Xueming: CHEMICAL ENGINEERING JOURNAL, 2011, 172, 47-51.
Man, Isabela C.; Su, Hai-Yan; Calle-Vallejo, Federico; Hansen, Heine A.; Martinez, Jose I.; Inoglu, Nilay G.; Kitchin, John; Jaramillo, Thomas F.; Norskov, Jens K.; Rossmeisl, Jan: CHEMCATCHEM, 2011, 3, 1159-1165.
Zhuiykov, Serge; Kats, Eugene; Plashnitsa, Vladimir; Miura, Norio: ELECTROCHIMICA ACTA, 2011, 56, 5435-5442.
Zhuiykov, Serge; Marney, Donavan; Kats, Eugene; Kalantar-Zadeh, Kourosh: SENSORS AND ACTUATORS B-CHEMICAL, 2011, 153, 312-320.
Jirkovský, Jakub S.; Busch, Michael; Ahlberg, Elisabet; Panas, Itai; Krtil, Petr: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 2011, 133, 5882-5892.
Petrykin, Valery; Macounová, Katerina; Franc, Jiri; Shlyakhtin, Oleg; Klementová, Mariana; Mukerjee, Sanjeev; Krtil, Petr: CHEMISTRY OF MATERIALS, 2011, 23, 200-207.
Petrykin, V.; Bastl, Z.; Franc, J.; Macounová, K.; Makarova, M.; Mukerjee, S.; Ramaswamy, N.; Spirovová, I.; Krtil, P.: JOURNAL OF PHYSICAL CHEMISTRY C, 2009, 113, 21657-21666.
Macounová, Katerina; Jirkovský, Jakub; Makarova, Marina V.; Franc, Jiri; Krtil, Petr: JOURNAL OF SOLID STATE ELECTROCHEMISTRY, 2009, 13, 959-965.
Petrykin, V.; Macounová, K.; Okube, M.; Franc, J.; Krtil, P.: 14TH INTERNATIONAL CONFERENCE ON X-RAY ABSORPTION FINE STRUCTURE (XAFS14), PROCEEDINGS, 2009, 190, -.
Macounová, Katerina; Makarova, Marina; Jirkovský, Jakub; Franc, Jiri; Krtil, Petr: ELECTROCHIMICA ACTA, 2008, 53, 6126-6134.
Macounová, Katerina; Makarova, Marina; Franc, Jiri; Jirkovský, Jakub; Krtil, Petr: ELECTROCHEMICAL AND SOLID STATE LETTERS, 2008, 11, F27-F29.

45. Macounová, K.; Jirkovský, J.; Makarova, M. V.; Franc, J.; Krtil, P.; Oxygen evolution on $Ru_{1-x}Ni_xO_{2-y}$ nanocrystalline electrodes. *Journal of Solid State Electrochemistry* **2009**, *13* (6), 959-965, Article. DOI: 10.1007/s10008-008-0624-1. IF= 2.647, Počet citací: 48

Citováno v:
Dong, Heng; Yu, Weilai; Hoffmann, Michael R.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 20745-20761.
Xue, Yanrong; Fang, Jinjie; Wang, Xingdong; Xu, Zhiyuan; Zhang, Yufeng; Lv, Qingqing; Liu, Mengyuan; Zhu, Wei; Zhuang, Zhongbin: *ADVANCED FUNCTIONAL MATERIALS*, 2021, 31, -.
Pittkowski, Rebecca K.; Abbott, Daniel F.; Nebel, Roman; Divanis, Spyridon; Fabbri, Emiliana; Castelli, Ivano E.; Schmidt, Thomas J.; Rossmeisl, Jan; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2021, 366, -.
Siwal, Samarjeet Singh; Yang, Wenqiang; Zhang, Qibo: *JOURNAL OF ENERGY CHEMISTRY*, 2020, 51, 113-133.
Lacnjevac, Uros; Vasilic, Rastko; Dobrota, Ana; Durdic, Sladana; Tomanec, Ondrej; Zboril, Radek; Mohajernia, Shiva; Nhat Truong Nguyen; Skorodumova, Natalia; Manojlovic, Dragan; Elezovic, Nevenka; Pasti, Igor; Schmuki, Patrik: *JOURNAL OF MATERIALS CHEMISTRY A*, 2020, 8, 22773-22790.
Gu, Xiang-Kui; Camayang, John Carl A.; Samira, Samji; Nikolla, Eranda: *JOURNAL OF CATALYSIS*, 2020, 388, 130-140.
Shi, Zhaoping; Wang, Xian; Ge, Junjie; Liu, Changpeng; Xing, Wei: *NANOSCALE*, 2020, 12, 13249-13275.
Nwanebu, Emmanuel Onyekachi; Yao, Yusong; Omanovic, Sasha: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2020, 865, -.
Pascuzzi, Marco Etzi Coller; Goryachev, Andrey; Hofmann, Jan P.; Hensen, Ernie J. M.: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2020, 261, -.
Nguyen, Tam D.; Nguyen, Hai H.; Dai, Chencheng; Wang, Jingxian; Scherer, Gunther G.: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2020, 45, 46-55.
Kutyla, Dawid; Kolczyk-Siedlecka, Karolina; Kwiecinska, Anna; Skibinska, Katarzyna; Kowalik, Remigiusz; Zabinski, Piotr: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2019, 23, 3089-3097.

Wei, Chao; Rao, Reshma R.; Peng, Jiayu; Huang, Botao; Stephens, Ifan E. L.; Risch, Marcel; Xu, Zhichuan J.; Shao-Horn, Yang: *ADVANCED MATERIALS*, 2019, 31, -.
Hayashi, Toru; Bonnet-Mercier, Nadege; Yamaguchi, Akira; Suetsugu, Kazumasa; Nakamura, Ryuhei: *ROYAL SOCIETY OPEN SCIENCE*, 2019, 6, -.
Zhou, Lan; Shinde, Aniketa; Montoya, Joseph H.; Singh, Arunima; Gul, Sheraz; Yano, Junko; Ye, Yifan; Crumlin, Ethan J.; Richter, Matthias H.; Cooper, Jason K.; Stein, Helge S.; Haber, Joel A.; Persson, Kristin A.; Gregoire, John M.: *ACS CATALYSIS*, 2018, 8, 10938-10948.
Fabbri, Emiliana; Schmidt, Thomas J.: *ACS CATALYSIS*, 2018, 8, 9765-9774.
Kim, Jiwhan; Choi, Juhyuk; Lim, Jinkyu; Lee, Hyunjoo: *BIMETALLIC NANOSTRUCTURES: SHAPE-CONTROLLED SYNTHESIS FOR CATALYSIS, PLASMONICS, AND SENSING APPLICATIONS*, 2018, 0, 317-359.
Yu, Areum; Lee, Chongmok; Kim, Myung Hwa; Lee, Youngmi: *ACS APPLIED MATERIALS & INTERFACES*, 2017, 9, 35057-35066.
Spoeri, Camillo; Kwan, Jason Tai Hong; Bonakdarpour, Arman; Wilkinson, David P.; Strasser, Peter: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2017, 56, 5994-6021.
Frydendal, Rasmus; Seitz, Linsey C.; Sokaras, Dimosthenis; Weng, Tsu-Chien; Nordlund, Dennis; Chorkendorff, Ib; Stephens, Ifan E. L.; Jaramillo, Thomas F.: *ELECTROCHIMICA ACTA*, 2017, 230, 22-28.
Reier, Tobias; Nong, Hong Nhan; Teschner, Detre; Schloegl, Robert; Strasser, Peter: *ADVANCED ENERGY MATERIALS*, 2017, 7, -.
Beitollahi, Hadi; Yoonesfar, Roghayeh: *INORGANIC AND NANO-METAL CHEMISTRY*, 2017, 47, 1441-1448.
Herranz, Juan; Durst, Julien; Fabbri, Emiliana; Patru, Alexandra; Cheng, Xi; Permyakova, Anastasia A.; Schmidt, Thomas J.: *NANO ENERGY*, 2016, 29, 4-28.
Xu, Shuai; Liu, Yuan; Tong, Jinlin; Hu, Wei; Xia, Qinghua: *RUSSIAN JOURNAL OF ELECTROCHEMISTRY*, 2016, 52, 1021-1031.
Paoli, Elisa Antares; Masini, Federico; Frydendal, Rasmus; Deiana, Davide; Malacrida, Paolo; Hansen, Thomas W.; Chorkendorff, Ib; Stephens, Ifan E. L.: *CATALYSIS TODAY*, 2016, 262, 57-64.
Karlsson, Rasmus K. B.; Cornell, Ann: *CHEMICAL REVIEWS*, 2016, 116, 2982-3028.
Beitollahi, Hadi; Yoonesfar, Roghayeh: *ANALYTICAL & BIOANALYTICAL ELECTROCHEMISTRY*, 2016, 8, 29-37.
Reier, Tobias; Pawolek, Zarina; Cherevko, Serhiy; Bruns, Michael; Jones, Travis; Teschner, Detre; Selve, Soeren; Bergmann, Arno; Nong, Hong Nhan; Schloegl, Robert; Mayrhofer, Karl J. J.; Strasser, Peter: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2015, 137, 13031-13040.
Ju, Hua; Li, Zhihu; Xu, Yanhui: *MATERIALS RESEARCH BULLETIN*, 2015, 64, 171-174.
Frydendal, Rasmus; Busch, Michael; Halck, Niels B.; Paoli, Elisa A.; Krtil, Petr; Chorkendorff, Ib; Rossmeisl, Jan: *CHEMCATCHEM*, 2015, 7, 149-154.
Paoli, Elisa A.; Masini, Federico; Frydendal, Rasmus; Deiana, Davide; Schlaup, Christian; Malizia, Mauro; Hansen, Thomas W.; Horch, Sebastian; Stephens, Ifan E. L.; Chorkendorff, Ib: *CHEMICAL SCIENCE*, 2015, 6, 190-196.
Frydendal, Rasmus; Paoli, Elisa A.; Knudsen, Brian P.; Wickman, Bjorn; Malacrida, Paolo; Stephens, Ifan E. L.; Chorkendorff, Ib: *CHEMELECTROCHEM*, 2014, 1, 2075-2081.
Fang, Ya-Hui; Liu, Zhi-Pan: *ACS CATALYSIS*, 2014, 4, 4364-4376.
Hardin, William G.; Mefford, J. Tyler; Slanac, Daniel A.; Patel, Bijal B.; Wang, Xiqing; Dai, Sheng; Zhao, Xin; Ruoff, Rodney S.; Johnston, Keith P.; Stevenson, Keith J.: *CHEMISTRY OF MATERIALS*, 2014, 26, 3368-3376.
Trepakov, V.; Makarova, M.; Stupakov, O.; Tereshina, E. A.; Drahokoupil, J.; Cernansky, M.; Potucek, Z.; Borodavka, F.; Valvoda, V.; Lynnyk, A.; Jaeger, A.; Jastrabik, L.; Dejneka, A.: *MATERIALS CHEMISTRY AND PHYSICS*, 2014, 143, 570-577.
Katsounaros, Ioannis; Cherevko, Serhiy; Zeradjanin, Aleksandar R.; Mayrhofer, Karl J. J.: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2014, 53, 102-121.
Hummelgard, Christine; Karlsson, Rasmus K. S.; Backstrom, Joakim; Rahman, Seikh M. H.; Cornell, Ann; Eriksson, Sten; Olin, Hakan: *MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS*, 2013, 178, 1515-1522.
Torun, E.; Fang, C. M.; de Wijs, G. A.; de Groot, R. A.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2013, 117, 6353-6357.
Petrykin, Valery; Macounová, Katerina; Okube, Maki; Mukerjee, Sanjeev; Krtil, Petr: *CATALYSIS TODAY*, 2013, 202, 63-69.
Sadiek, Ibrahim M.; Mohammad, Ahmad M.; El-Shakre, Mohamed E.; El-Deab, Mohamed S.; El-Anadouli, Bahgat E.: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2013, 17, 871-879.
Over, Herbert: *CHEMICAL REVIEWS*, 2012, 112, 3356-3426.
Chen, Dong; Fang, Ya-Hui; Liu, Zhi-Pan: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2012, 14, 16612-16617.
Valdes, Alvaro; Brillet, Jeremie; Graetzel, Michael; Gudmundsdottir, Hildur; Hansen, Heine A.; Jonsson, Hannes; Kluepfel, Peter; Kroes, Geert-Jan; Le Formal, Florian; Man, Isabela C.; Martins, Rafael S.; Norskov, Jens K.; Rossmeisl, Jan; Sivula, Kevin; Vo: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2012, 14, 49-70.
Sathek, Ibrahim M.; Mohammad, Ahmad M.; El-Shakre, Mohammed E.; El-Deab, Mohamed S.: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2012, 37, 68-77.
Li, Y.; Jiang, L. X.; Lv, X. J.; Lai, Y. Q.; Zhang, H. L.; Li, J.; Liu, Y. X.: *HYDROMETALLURGY*, 2011, 109, 252-257.
Man, Isabela C.; Su, Hai-Yan; Calle-Vallejo, Federico; Hansen, Heine A.; Martinez, Jose I.; Inoglu, Nilay G.; Kitchin, John; Jaramillo, Thomas F.; Norskov, Jens K.; Rossmeisl, Jan: *CHEMCATCHEM*, 2011, 3, 1159-1165.

Fang, Ya-Hui; Liu, Zhi-Pan: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2010, 132, 18214-18222.
Petrykin, V.; Bastl, Z.; Franc, J.; Macounová, K.; Makarova, M.; Mukerjee, S.; Ramaswamy, N.; Spirovová, I.; Krtil, P.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2009, 113, 21657-21666.

46. Macounová, K.; Makarova, M.; Krtil, P.; Oxygen evolution on nanocrystalline RuO_2 and $Ru_{0.9}Ni_{0.1}O_{2\text{-delta}}$ electrodes - DEMS approach to reaction mechanism determination. *Electrochemistry Communications* **2009**, *11* (10), 1865-1868, Article. DOI: 10.1016/j.elecom.2009.08.004. IF= 4.724, Počet citací: 66

Citováno v:
Falling, Lorenz J.; Velasco-Velez, Juan J.; Mom, Rik, V; Knop-Gericke, Axel; Schloegl, Robert; Teschner, Detre; Jones, Travis E.: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2021, 30, -.
Dong, Heng; Yu, Weilai; Hoffmann, Michael R.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 20745-20761.
Chen, Feng-Yang; Wu, Zhen-Yu; Adler, Zachary; Wang, Haotian: *JOULE*, 2021, 5, 1704-1731.
Gao, Jiajian; Tao, Huabing; Liu, Bin: *ADVANCED MATERIALS*, 2021, 33, -.
de Araffljo, Jorge Ferreira; Dionigi, Fabio; Merzdorf, Thomas; Oh, Hyung-Suk; Strasser, Peter: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2021, 60, 14981-14988.
Kim, Taekyung; Kim, Byeongyoon; Kwon, Taehyun; Kim, Ho Young; Kim, Jin Young; Lee, Kwangyeol: *MATERIALS CHEMISTRY FRONTIERS*, 2021, 5, 4445-4473.
Gonzalez, Danilo; Heras-Domingo, Javier; Sodupe, Mariona; Rodriguez-Santiago, Luis; Solans-Monfort, Xavier: *JOURNAL OF CATALYSIS*, 2021, 396, 192-201.
Scott, Soren B.; Kibsgaard, Jakob; Vesborg, Peter C. K.; Chorkendorff, Ib: *ELECTROCHIMICA ACTA*, 2021, 374, -.
An, Li; Wei, Chao; Lu, Min; Liu, Hanwen; Chen, Yubo; Scherer, Guenther G.; Fisher, Adrian C.; Xi, Pinxian; Xu, Zhichuan J.; Yan, Chun-Hua: *ADVANCED MATERIALS*, 2021, 33, -.
Zhang, Yu; Zhu, Xiaojuan; Zhang, Guanglu; Shi, Peidong; Wang, An-Liang: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 5890-5914.
Harzandi, Ahmad M.; Shadman, Sahar; Nissimagoudar, Arun S.; Kim, Dong Yeon; Lim, Hee-Dae; Lee, Jong Hoon; Kim, Min Gyu; Jeong, Hu Young; Kim, Youngsik; Kim, Kwang S.: *ADVANCED ENERGY MATERIALS*, 2021, 11, -.
Jin, Haneul; Ruqia, Bibi; Park, Yeji; Kim, Hee Jin; Oh, Hyung-Suk; Choi, Sang-Il; Lee, Kwangyeol: *ADVANCED ENERGY MATERIALS*, 2021, 11, -.
Siwal, Samarjeet Singh; Yang, Wenqiang; Zhang, Qibo: *JOURNAL OF ENERGY CHEMISTRY*, 2020, 51, 113-133.
Hao, Shaoyun; Liu, Min; Pan, Junjie; Liu, Xiangnan; Tan, Xiaoli; Xu, Nan; He, Yi; Lei, Lecheng; Zhang, Xingwang: *NATURE COMMUNICATIONS*, 2020, 11, -.
Bu, Xiuming; Li, Yanguang; Ho, Johnny C.: *MRS BULLETIN*, 2020, 45, 531-538.
Zwaschka, Gregor; Nahalka, Igor; Marchioro, Arianna; Tong, Yujin; Roke, Sylvie; Campen, R. Kramer: *ACS CATALYSIS*, 2020, 10, 6084-6093.
Lei, Zhanwu; Wang, Tanyuan; Zhao, Bote; Cai, Wenbin; Liu, Yang; Jiao, Shuhong; Li, Qing; Cao, Ruiguo; Liu, Meilin: *ADVANCED ENERGY MATERIALS*, 2020, 10, -.
Song, Jiajia; Wei, Chao; Huang, Zhen-Feng; Liu, Chuntai; Zeng, Lin; Wang, Xin; Xu, Zhichuan J.: *CHEMICAL SOCIETY REVIEWS*, 2020, 49, 2196-2214.
Zagalskaya, Alexandra; Alexandrov, Vitaly: *ACS CATALYSIS*, 2020, 10, 3650-3657.
Yu, Jie; He, Qijiao; Yang, Guangming; Zhou, Wei; Shao, Zongping; Ni, Meng: *ACS CATALYSIS*, 2019, 9, 9973-10011.
Abbott, Daniel F.; Pittkowski, Rebecca K.; Macounová, Katerina; Nebel, Roman; Marelli, Elena; Fabbri, Emiliana; Castelli, Ivano E.; Krtil, Petr; Schmidt, Thomas J.: *ACS APPLIED MATERIALS & INTERFACES*, 2019, 11, 37748-37760.
Amin, Hatem M. A.; Koenigshoven, Peter; Hegemann, Martina; Baltruschat, Helmut: *ANALYTICAL CHEMISTRY*, 2019, 91, 12653-12660.
Klyukin, Konstantin; Zagalskaya, Alexandra; Alexandrov, Vitaly: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 22151-22157.
Hu, Congling; Zhang, Lei; Gong, Jinlong: *ENERGY & ENVIRONMENTAL SCIENCE*, 2019, 12, 2620-2645.
Lee, Jihoon; Kim, Ingyeom; Park, Sehkyu: *CHEMCATCHEM*, 2019, 11, 2615-2623.
Nebel, Roman; Macounová, Katerina Minhova; Tarabkova, Hana; Kavan, Ladislav; Krtil, Petr: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 10857-10867.
Yang, Chunzhen; Batuk, Maria; Jacquet, Quentin; Rousse, Gwenaelle; Yin, Wei; Zhang, Leiting; Hadermann, Joke; Abakumov, Artem M.; Cibin, Giannantonio; Chadwick, Alan; Tarascon, Jean-Marie; Grimaud, Alexis: *ACS ENERGY LETTERS*, 2018, 3, 2884-2890.
Pittkowski, Rebecca; Krtil, Petr; Rossmeisl, Jan: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 12, 218-224.
Roy, C.; Sebok, B.; Scott, S. B.; Fiordaliso, E. M.; Sorensen, J. E.; Bodin, A.; Trimarco, D. B.; Damsgaard, C. D.; Vesborg, P. C. K.; Hansen, O.; Stephens, I. E. L.; Kibsgaard, J.; Chorkendorff, I: *NATURE CATALYSIS*, 2018, 1, 820-829.
Ni, Bing; Wang, Kai; He, Ting; Gong, Yue; Gu, Lin; Zhuang, Jing; Wang, Xun: *ADVANCED ENERGY MATERIALS*, 2018, 8, -.

Kasian, Olga; Grote, Jan-Philipp; Geiger, Simon; Cherevko, Serhiy; Mayrhofer, Karl J. J.: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2018, 57, 2488-2491.
Rao, Reshma R.; Kolb, Manuel J.; Halck, Niels Bendtsen; Pedersen, Anders Filsoe; Mehta, Apurva; You, Hoydoo; Stoerzinger, Kelsey A.; Feng, Zhenxing; Hansen, Heine A.; Zhou, Hua; Giordano, Livia; Rossmeisl, Jan; Vegge, Tejs; Chorkendorff, Ib; Stephens, Ifa: *ENERGY & ENVIRONMENTAL SCIENCE*, 2017, 10, 2626-2637.
Mierwaldt, Daniel; Roddatis, Vladimir; Risch, Marcel; Scholz, Julius; Geppert, Janis; Abrishami, Majid Ebrahimizadeh; Jooss, Christian: *ADVANCED SUSTAINABLE SYSTEMS*, 2017, 1, -.
Anantharaj, Sengeni; Karthick, Kannimuthu; Kundu, Subrata: *MATERIALS TODAY ENERGY*, 2017, 6, 1-26.
Amin, Hatem M. A.; Baltruschat, Helmut: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2017, 19, 25527-25536.
Yamaguchi, Shingi; Kamiya, Kazuhide; Hashimoto, Kazuhito; Nakanishi, Shuji: *CHEMICAL COMMUNICATIONS*, 2017, 53, 10437-10440.
Lim, Hyungseob; Kim, Jae Young; Evans, Edward J.; Rai, Amritesh; Kim, Jun-Hyuk; Wygant, Bryan R.; Mullins, C. Buddie: *ACS APPLIED MATERIALS & INTERFACES*, 2017, 9, 30654-30661.
Liyanage, D. Ruchira; Li, Da; Cheek, Quintin B.; Baydoun, Habib; Brock, Stephanie L.: *JOURNAL OF MATERIALS CHEMISTRY A*, 2017, 5, 17609-17618.
Spoeri, Camillo; Kwan, Jason Tai Hong; Bonakdarpour, Arman; Wilkinson, David P.; Strasser, Peter: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2017, 56, 5994-6021.
Stoerzinger, Kelsey A.; Rao, Reshma R.; Wang, Xiao Renshaw; Hong, Wesley T.; Rouleau, Christopher M.; Shao-Horn, Yang: *CHEM*, 2017, 2, 668-675.
Grimaud, Alexis; Diaz-Morales, Oscar; Han, Binghong; Hong, Wesley T.; Lee, Yueh-Lin; Giordano, Livia; Stoerzinger, Kelsey A.; Koper, Marc T. M.; Shao-Horn, Yang: *NATURE CHEMISTRY*, 2017, 9, 457-465.
Stoerzinger, Kelsey A.; Diaz-Morales, Oscar; Kolb, Manuel; Rao, Reshma R.; Frydendal, Rasmus; Qiao, Liang; Wang, Xiao Renshaw; Halck, Niels Bendtsen; Rossmeisl, Jan; Hansen, Heine A.; Vegge, Tejs; Stephens, Ifan E. L.; Koper, Marc T. M.; Shao-Horn, Yang: *ACS ENERGY LETTERS*, 2017, 2, 876-881.
Abghoui, Younes; Skuilason, Egill: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2017, 121, 6141-6151.
Ulman, Kanchan; Manh-Thuong Nguyen; Seriani, Nicola; Piccinin, Simone; Gebauer, Ralph: *ACS CATALYSIS*, 2017, 7, 1793-1804.
Reier, Tobias; Nong, Hong Nhan; Teschner, Detre; Schloegl, Robert; Strasser, Peter: *ADVANCED ENERGY MATERIALS*, 2017, 7, -.
Karlsson, Rasmus K. B.; Cornell, Ann: *CHEMICAL REVIEWS*, 2016, 116, 2982-3028.
Rong, Xi; Parolin, Jules; Kolpak, Alexie M.: *ACS CATALYSIS*, 2016, 6, 1153-1158.
Kasian, Olga; Geiger, Simon; Stock, Philipp; Polymeros, George; Breitbach, Benjamin; Savan, Alan; Ludwig, Alfred; Cherevko, Serhiy; Mayrhofer, Karl J. J.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2016, 163, F3099-F3104.
Kim, Jin Yeong; Choi, Jihui; Kim, Ho Young; Hwang, Eunkyoung; Kim, Hyoung-Juhn; Ahn, Sang Hyun; Kim, Soo-Kil: *APPLIED SURFACE SCIENCE*, 2015, 359, 227-235.
Hymel, Paul J.; Guan, D. S.; Mu, Yang; Meng, W. J.; Meng, Andrew C.: *JOURNAL OF MICROMECHANICS AND MICROENGINEERING*, 2015, 25, -.
Cherevko, Serhiy; Reier, Tobias; Zeradjanin, Aleksandar R.; Pawolek, Zarina; Strasser, Peter; Mayrhofer, Karl J. J.: *ELECTROCHEMISTRY COMMUNICATIONS*, 2014, 48, 81-85.
Kuznetsov, Vitaly V.; Kladiti, Sofia Yu.; Filatova, Elena A.; Kolesnikov, Artem V.: *MENDELEEV COMMUNICATIONS*, 2014, 24, 365-367.
Kuznetsova, E.; Cuesta, A.; Thomassen, M. S.; Sunde, S.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2014, 728, 102-111.
Zhuiykov, Serge: *NANOSTRUCTURED SEMICONDUCTOR OXIDES FOR THE NEXT GENERATION OF ELECTRONICS AND FUNCTIONAL DEVICES: PROPERTIES AND APPLICATIONS*, 2014, 0, 374-426.
Petrykin, Valery; Macounová, Katerina; Okube, Maki; Mukerjee, Sanjeev; Krtil, Petr: *CATALYSIS TODAY*, 2013, 202, 63-69.
Busch, M.; Ahlberg, E.; Panas, I.: *CATALYSIS TODAY*, 2013, 202, 114-119.
Busch, Michael; Ahlberg, Elisabet; Panas, Itai: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2013, 117, 288-292.
Diaz-Morales, Oscar; Calle-Vallejo, Federico; de Munck, Casper; Koper, Marc T. M.: *CHEMICAL SCIENCE*, 2013, 4, 2334-2343.
Zhuiykov, Serge: *SENSORS AND ACTUATORS B-CHEMICAL*, 2012, 161, 1-20.
Oliveira, Luiz Fernando L.; Laref, Slimane; Mayousse, Eric; Jallut, Christian; Franco, Alejandro A.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2012, 14, 10215-10224.
Chen, Dong; Fang, Ya-Hui; Liu, Zhi-Pan: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2012, 14, 16612-16617.
Su, Hai-Yan; Gorlin, Yelena; Man, Isabela C.; Calle-Vallejo, Federico; Norskov, Jens K.; Jaramillo, Thomas F.; Rossmeisl, Jan: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2012, 14, 14010-14022.
Zhuiykov, Serge; Marney, Donavan; Kats, Eugene: *INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY*, 2011, 8, 1192-1200.
Man, Isabela C.; Su, Hai-Yan; Calle-Vallejo, Federico; Hansen, Heine A.; Martinez, Jose I.; Inoglu, Nilay G.; Kitchin, John; Jaramillo, Thomas F.; Norskov, Jens K.; Rossmeisl, Jan: *CHEMCATCHEM*, 2011, 3, 1159-1165.
Zhuiykov, Serge; Kats, Eugene; Marney, Donavan: *TALANTA*, 2010, 82, 502-507.
Petrykin, V.; Macounová, K.; Shlyakhtin, O. A.; Krtil, Petr: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2010, 49, 4813-4815.

47. Petrykin, V.; Bastl, Z.; Franc, J.; Macounová, K.; Makarova, M.; Mukerjee, S.; Ramaswamy, N.; Spirovová, I.; Krtil, P.; Local Structure of Nanocrystalline $Ru_{1-x}Ni_xO_{2-delta}$ Dioxide and Its Implications for Electrocatalytic Behavior-An XPS and XAS Study. *Journal of Physical Chemistry C* **2009**, *113* (52), 21657-21666. DOI: 10.1021/jp904935e. IF= 4.126, Počet citací: 32

    Citováno v:

    Reier, Tobias; Nong, Hong Nhan; Teschner, Detre; Schloegl, Robert; Strasser, Peter: ADVANCED ENERGY MATERIALS, 2017, 7, -.

    Reier, Tobias; Pawolek, Zarina; Cherevko, Serhiy; Bruns, Michael; Jones, Travis; Teschner, Detre; Selve, Soeren; Bergmann, Arno; Nong, Hong Nhan; Schloegl, Robert; Mayrhofer, Karl J. J.; Strasser, Peter: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, 2015, 137, 13031-13040.

    Spoeri, Camillo; Kwan, Jason Tai Hong; Bonakdarpour, Arman; Wilkinson, David P.; Strasser, Peter: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION, 2017, 56, 5994-6021.

    Halck, Niels Bendtsen; Petrykin, Valery; Krtil, Petr; Rossmeisl, Jan: PHYSICAL CHEMISTRY CHEMICAL PHYSICS, 2014, 16, 13682-13688.

    Karlsson, Rasmus K. B.; Cornell, Ann: CHEMICAL REVIEWS, 2016, 116, 2982-3028.

    Naslund, Lars-Ake; Sanchez-Sanchez, Carlos M.; Ingason, Arni S.; Backstrom, Joakim; Herrero, Enrique; Rosen, Johanna; Holmin, Susanne: JOURNAL OF PHYSICAL CHEMISTRY C, 2013, 117, 6126-6135.

    Yamamoto, Masanori; Wang, Lei; Li, Fusheng; Fukushima, Takashi; Tanaka, Koji; Sun, Licheng; Imahori, Hiroshi: CHEMICAL SCIENCE, 2016, 7, 1430-1439.

    Herranz, Juan; Durst, Julien; Fabbri, Emiliana; Patru, Alexandra; Cheng, Xi; Permyakova, Anastasia A.; Schmidt, Thomas J.: NANO ENERGY, 2016, 29, 4-28.

    Petrykin, Valery; Macounová, Katerina; Okube, Maki; Mukerjee, Sanjeev; Krtil, Petr: CATALYSIS TODAY, 2013, 202, 63-69.

    Petrykin, Valery; Macounová, Katerina; Franc, Jiri; Shlyakhtin, Oleg; Klementová, Mariana; Mukerjee, Sanjeev; Krtil, Petr: CHEMISTRY OF MATERIALS, 2011, 23, 200-207.

    Kuznetsova, Elizaveta; Petrykin, Valery; Sunde, Svein; Krtil, Petr: ELECTROCATALYSIS, 2015, 6, 198-210.

    Godinez-Salomon, Fernando; Albiter, Luis; Alia, Shaun M.; Pivovar, Bryan S.; Camacho-Forero, Luis E.; Balbuena, Perla B.; Mendoza-Cruz, Ruben; Arellano-Jimenez, M. Josefina; Rhodes, Christopher P.: ACS CATALYSIS, 2018, 8, 10498-10520.

    Abbott, Daniel F.; Petrykin, Valery; Okube, Maki; Bastl, Zdenk; Mukerjee, Sanjeev; Krtil, Petr: JOURNAL OF THE ELECTROCHEMICAL SOCIETY, 2015, 162, H23-H31.

    Salvatore, D. A.; Pena, B.; Dettelbach, K. E.; Berlinguette, C. P.: JOURNAL OF MATERIALS CHEMISTRY A, 2017, 5, 1575-1580.

    Abbott, Daniel F.; Mukerjee, Sanjeev; Petrykin, Valery; Bastl, Zdenek; Halck, Niels Bendtsen; Rossmeisl, Jan; Krtil, Petr: RSC ADVANCES, 2015, 5, 1235-1243.

    Kishor, Koshal; Saha, Sulay; Gupta, Manish Kumar; Bajpai, Anshumaan; Chatterjee, Moitrayee; Sivakumar, Sri; Pala, Raj Ganesh S.: CHEMELECTROCHEM, 2015, 2, 1839-1846.

    Bucinsky, Lukas; Buechel, Gabriel E.; Ponec, Robert; Rapta, Peter; Breza, Martin; Kozisek, Jozef; Gall, Marian; Biskupic, Stanislav; Fronc, Marek; Schiessl, Katharina; Cuzan, Olesea; Prodius, Denis; Turta, Constantin; Shova, Sergiu; Zajac, Dariusz A.; Ari: EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, 2013, 0, 2505-2519.

    Pittkowski, Rebecca; Krtil, Petr; Rossmeisl, Jan: CURRENT OPINION IN ELECTROCHEMISTRY, 2018, 12, 218-224.

    Kishor, Koshal; Saha, Sulay; Parashtekar, Alhad; Pala, Raj Ganesh S.: JOURNAL OF THE ELECTROCHEMICAL SOCIETY, 2018, 165, J3276-J3280.

    Hao, Shaoyun; Zheng, Guokui; Gao, Shaojie; Qiu, Lingshu; Xu, Nan; He, Yi; Lei, Lecheng; Zhang, Xingwang: ACS SUSTAINABLE CHEMISTRY & ENGINEERING, 2019, 7, 14361-14367.

    Gayen, Pralay; Saha, Sulay; Ramani, Vijay: ACS APPLIED ENERGY MATERIALS, 2020, 3, 3978-3983.

    Saha, Sulay; Kishor, Koshal; Sivakumar, Sri; Pala, Raj Ganesh S.: JOURNAL OF THE INDIAN INSTITUTE OF SCIENCE, 2016, 96, 325-349.

    Burnett, David L.; Petrucco, Enrico; Rigg, Katie M.; Zalitis, Christopher M.; Lok, Jamie G.; Kashtiban, Reza J.; Lees, Martin R.; Sharman, Jonathan D. B.; Walton, Richard I.: CHEMISTRY OF MATERIALS, 2020, 32, 6150-6160.

    McLeod, Lucy K.; Spikes, Geoffrey H.; Kashtiban, Reza J.; Walker, Marc; Chadwick, Alan, V; Sharman, Jonathan D. B.; Walton, Richard, I: DALTON TRANSACTIONS, 2020, 49, 2661-2670.

    Zhou, Zhenhua; Zaman, Waqas Qamar; Sun, Wei; Zhang, Hao; Tariq, Muhammad; Cao, Limei; Yang, Ji: CHEMELECTROCHEM, 2019, 6, 4586-4594.

    Saha, S.; Kishor, K.; Pala, R. G. S.: INDUSTRIAL ELECTROCHEMISTRY AND ELECTROCHEMICAL ENGINEERING GENERAL SESSION, 2018, 85, 3-11.

48. Petrykin, V.; Macounová, K.; Okube, M.; Franc, J.; Krtil, P.; Analysis of local structure of $Ru_{1-x}Ni_xO_2$ electrocatalytic materials. In *14th International Conference on X-Ray Absorption Fine Structure (XAFS14)*, Camerino, ITALY, 2009 Jul 26-31, 2009; 2009; Vol. 190. DOI: 10.1088/1742-6596/190/1/012166. IF= 0, Počet citací: 0

49. Petrykin, V.; Macounová, K.; Shlyakhtin, O. A.; Krtil, P.; Tailoring the Selectivity for Electrocatalytic Oxygen Evolution on Ruthenium Oxides by Zinc Substitution. *Angewandte Chemie-International Edition* **2010**, *49* (28), 4813-4815. DOI: 10.1002/anie.200907128. IF=15.336, Počet citací: 180

Citováno v:

Wang, Hao-Yu; Weng, Chen-Chen; Ren, Jin-Tao; Yuan, Zhong-Yong: *FRONTIERS OF CHEMICAL SCIENCE AND ENGINEERING*, 2021, , -.

Lim, Taejung; Kim, Jae Hyung; Kim, Jinjong; Baek, Du San; Shin, Tae Joo; Jeong, Hu Young; Lee, Kug-Seung; Exner, Kai S.; Joo, Sang Hoon: *ACS CATALYSIS*, 2021, 11, 12232-12246.

Dong, Heng; Yu, Weilai; Hoffmann, Michael R.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 20745-20761.

Liu, Qiuyu; Jia, Chenghao; Zhou, Mengzhen; He, Zuyun; Gong, Zhiheng; Ling, Yihan; Wang, Xinxin; Yashiro, Keiji; Chen, Yan: *ENERGY & FUELS*, 2021, 35, 13967-13974.

Hou, Mengjie; Gong, Shuaiqi; Ji, Lvlv; Huang, Jiahui; Xu, Mingze; Chen, Zuofeng: *CHEMICAL ENGINEERING JOURNAL*, 2021, 419, -.

Talib, Shamraiz Hussain; Lu, Zhansheng; Yu, Xiaohu; Ahmad, Khalil; Bashir, Beenish; Yang, Zongxian; Li, Jun: *ACS CATALYSIS*, 2021, 11, 8929-8941.

Zhao, Xiaomei; Pei, Yong: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 12541-12550.

Abe, Hikaru; Murakami, Ai; Tsunekawa, Shun; Okada, Takuya; Wakabayashi, Toru; Yoshida, Masaaki; Nakayama, Masaharu: *ACS CATALYSIS*, 2021, 11, 6390-6397.

Luo, Shanshan; Wang, Ran; Hei, Peng; Gao, Lili; Yang, Jingyue; Jiao, Tifeng: *COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS*, 2021, 612, -.

Bhardwaj, Amar A.; Vos, Johannes G.; Beatty, Marissa E. S.; Baxter, Amanda F.; Koper, Marc T. M.; Yip, Ngai Yin; Esposito, Daniel, V: *ACS CATALYSIS*, 2021, 11, 1316-1330.

Pittkowski, Rebecca; Divanis, Spyridon; Klementová, Mariana; Nebel, Roman; Nikman, Shahin; Hoster, Harry; Mukerjee, Sanjeev; Rossmeisl, Jan; Krtil, Petr: *ACS CATALYSIS*, 2021, 11, 985-997.

Pittkowski, Rebecca K.; Abbott, Daniel F.; Nebel, Roman; Divanis, Spyridon; Fabbri, Emiliana; Castelli, Ivano E.; Schmidt, Thomas J.; Rossmeisl, Jan; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2021, 366, -.

Khatun, Sakila; Hirani, Harish; Roy, Poulomi: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 74-86.

Ojha, Gunendra Prasad; Muthurasu, Alagan; Tiwari, Arjun Prasad; Pant, Bishweshwar; Chhetri, Kisan; Mukhiya, Tanka; Dahal, Bipeen; Lee, Minju; Park, Mira; Kim, Hak-Yong: *CHEMICAL ENGINEERING JOURNAL*, 2020, 399, -.

Devadas, Abirami; Baranton, Steve; Coutanceau, Christophe: *FRONTIERS IN ENERGY RESEARCH*, 2020, 8, -.

Akbar, Muhammad; Shah, Afzal; Iftikhar, Faiza Jan; Ali, Ghulam; Han, HyukSu; Rahman, Gul: *INTERNATIONAL JOURNAL OF ENERGY RESEARCH*, 2021, 45, 2931-2944.

Jiang, Binbin; Fan, Xing; Dang, Qian; Liao, Fan; Li, Youyong; Lin, Haiping; Kang, Zhenhui; Shao, Mingwang: *NANO ENERGY*, 2020, 76, -.

Gao, Lulu; Tang, Chongyang; Liu, Jiangchao; He, Lanli; Wang, Hongbo; Ke, Zunjian; Li, Wenqing; Jiang, Changzhong; He, Dong; Cheng, Li; Xiao, Xiangheng: *ENERGY & ENVIRONMENTAL MATERIALS*, 2021, 4, 392-398.

Vos, Johannes G.; Venugopal, Anirudh; Smith, Wilson A.; Koper, Marc T. M.: *JOURNAL OF CATALYSIS*, 2020, 389, 99-110.

Zhao, Yasong; Yang, Nailiang; Yu, Ranbo; Zhang, Yue; Zhang, Jin; Li, Yuliang; Wang, Dan: *ENERGYCHEM*, 2020, 2, -.

Lu, Mengjie; Chen, Duo; Li, Ruiqing; Wang, Boran; Cai, Dong; Li, La; Han, Wei: *SUSTAINABLE ENERGY & FUELS*, 2020, 4, 4039-4045.

Gu, Xiang-Kui; Camayang, John Carl A.; Samira, Samji; Nikolla, Eranda: *JOURNAL OF CATALYSIS*, 2020, 388, 130-140.

Burnett, David L.; Petrucco, Enrico; Rigg, Katie M.; Zalitis, Christopher M.; Lok, Jamie G.; Kashtiban, Reza J.; Lees, Martin R.; Sharman, Jonathan D. B.; Walton, Richard I.: *CHEMISTRY OF MATERIALS*, 2020, 32, 6150-6160.

Li, Yi; Wang, Huanhuan; Priest, Cameron; Li, Siwei; Xu, Ping; Wu, Gang: *ADVANCED MATERIALS*, 2021, 33, -.

Shi, Zhaoping; Wang, Xian; Ge, Junjie; Liu, Changpeng; Xing, Wei: *NANOSCALE*, 2020, 12, 13249-13275.

Ma, Junling; Yang, Minjun; Batchelor-McAuley, Christopher; Compton, Richard G.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2020, 22, 12422-12433.

Gayen, Pralay; Saha, Sulay; Ramani, Vijay: *ACS APPLIED ENERGY MATERIALS*, 2020, 3, 3978-3983.

Dong, Zhun; Zhang, Wanli; Xiao, Yun; Wang, Yao; Luan, Chenglong; Qin, Congli; Dong, Yin; Li, Mingxuan; Dai, Xiaoping; Zhang, Xin: *ACS SUSTAINABLE CHEMISTRY & ENGINEERING*, 2020, 8, 5464-5477.

Exner, Kai S.: *CHEMELECTROCHEM*, 2020, 7, 1448-1455.

Goryachev, Andrey; Pascuzzi, Marco Etzi Coller; Carla, Francesco; Weber, Tim; Over, Herbert; Hensen, Emiel J. M.; Hofmann, Jan P.: *ELECTROCHIMICA ACTA*, 2020, 336, -.

Exner, Kai S.: *CHEMELECTROCHEM*, 2020, 7, 1528-1530.

Gao, Rui; Yan, Dongpeng: *ADVANCED ENERGY MATERIALS*, 2020, 10, -.

McLeod, Lucy K.; Spikes, Geoffrey H.; Kashtiban, Reza J.; Walker, Marc; Chadwick, Alan, V; Sharman, Jonathan D. B.; Walton, Richard, I: *DALTON TRANSACTIONS*, 2020, 49, 2661-2670.

Ji, Haoqing; Wang, Mengfan; Liu, Sisi; Sun, He; Liu, Jie; Qian, Tao; Yan, Chenglin: *ELECTROCHIMICA ACTA*, 2020, 334, -.

Tong, Wenming; Forster, Mark; Dionigi, Fabio; Dresp, Soeren; Sadeghi Erami, Roghayeh; Strasser, Peter; Cowan, Alexander J.; Farras, Pau: *NATURE ENERGY*, 2020, 5, 367-377.
Kan, Dongxiao; Wang, Dashuai; Zhang, Xilin; Lian, Ruqian; Xu, Jing; Chen, Gang; Wei, Yingjin: *JOURNAL OF MATERIALS CHEMISTRY A*, 2020, 8, 3097-3108.
Vos, Johannes G.; Venugopal, Anirudh; Smith, Wilson A.; Koper, Marc T. M.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2020, 167, -.
Khan, Muhammad Shuaib; Diao, Zhidan; Osada, Minoru; Shen, Shaohua: *SOLAR ENERGY MATERIALS AND SOLAR CELLS*, 2020, 205, -.
Lim, Taejung; Jung, Gwan Yeong; Kim, Jae Hyung; Park, Sung O.; Park, Jaehyun; Kim, Yong-Tae; Kang, Seok Ju; Jeong, Hu Young; Kwak, Sang Kyu; Joo, Sang Hoon: *NATURE COMMUNICATIONS*, 2020, 11, -.
Hu, Xueyan; Wang, Ruijing; Sun, Peng; Xiang, Zheyuan; Wang, Xuefeng: *ACS SUSTAINABLE CHEMISTRY & ENGINEERING*, 2019, 7, 19426-19433.
Feng, Haopeng; Yu, Jiangfang; Tang, Lin; Zeng, Guangming; Tang, Wangwang; Wang, Jiajia; Luo, Ting; Peng, Bo; Song, Biao; Wang, Longlu; Liang, Chao: *ENVIRONMENTAL SCIENCE & TECHNOLOGY*, 2019, 53, 13878-13887.
Kim, Namil; Lim, Dongwook; Choi, Yeji; Shim, Sang Eun; Baeck, Sung-Hyeon: *ELECTROCHIMICA ACTA*, 2019, 324, -.
Zhao, Xiaomei; Liu, Xia; Huang, Baoyu; Wang, Pu; Pei, Yong: *JOURNAL OF MATERIALS CHEMISTRY A*, 2019, 7, 24583-24593.
Yang, Pengju; Wang, Long; Zhuzhang, Hangyu; Wang, Ruirui; Titirici, Maria-Magdalena; Wang, Xinchen: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2019, 256, -.
Yu, Jie; He, Qijiao; Yang, Guangming; Zhou, Wei; Shao, Zongping; Ni, Meng: *ACS CATALYSIS*, 2019, 9, 9973-10011.
Abbott, Daniel F.; Pittkowski, Rebecca K.; Macounová, Katerina; Nebel, Roman; Marelli, Elena; Fabbri, Emiliana; Castelli, Ivano E.; Krtil, Petr; Schmidt, Thomas J.: *ACS APPLIED MATERIALS & INTERFACES*, 2019, 11, 37748-37760.
Yin, Huajie; Dou, Yuhai; Chen, Shan; Zhu, Zhengju; Liu, Porun; Zhao, Huijun: *ADVANCED MATERIALS*, 2020, 32, -.
Liu, Hengqi; Zhao, Depeng; Liu, Ying; Hu, Pengfei; Wu, Xiang; Xia, Hui: *CHEMICAL ENGINEERING JOURNAL*, 2019, 373, 485-492.
Li, Yuan-Yuan; Si, Yuan; Zhou, Bing-Xin; Huang, Wei-Qing; Hu, Wangyu; Pan, Anlian; Fan, Xiaoxing; Huang, Gui-Fang: *NANOSCALE*, 2019, 11, 16393-16405.
Zhang, Shaoyang; She, Guangwei; Li, Shengyang; Qu, Fangmu; Mu, Lixuan; Shi, Wensheng: *CATALYSIS COMMUNICATIONS*, 2019, 129, -.
Liu, Xiangyu; Chen, Zhuo; Cao, Maosheng: *ACS APPLIED ENERGY MATERIALS*, 2019, 2, 5960-5967.
Zhang, Haojie; de Souza e Silva, Juliana Martins; Lu, Xubin; de Oliveira, Cristine Santos; Cui, Bin; Li, Xiaopeng; Lin, Chao; Schweizer, Stefan L.; Maijenburg, A. Wouter; Bron, Michael; Wehrspohn, Ralf B.: *ADVANCED MATERIALS INTERFACES*, 2019, 6, -.
Gao, Rui; Dai, Quanbin; Du, Feng; Yan, Dongpeng; Dai, Liming: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2019, 141, 11658-11666.
Chen, Yixin; Wang, Mingyue; Xiang, Siyuan; Liu, Jingwei; Feng, Siyang; Wang, Congcong; Zhang, Nan; Feng, Tanglue; Yang, Mingxi; Zhang, Kai; Yang, Bai: *ACS SUSTAINABLE CHEMISTRY & ENGINEERING*, 2019, 7, 10912-+.
Kumar, Amit; Phillips, Katherine R.; Cai, Janny; Schroeder, Uwe; Lienhard, John H.: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2019, 58, 6502-6511.
Cheng, Xian; Zheng, Jianfeng; Li, Jintang; Luo, Xuetao: *CHEMISTRYSELECT*, 2019, 4, 4271-4277.
Liu, Zailun; Yuan, Chen; Teng, Fei: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2019, 781, 460-466.
Dresp, Soeren; Dionigi, Fabio; Klingenhof, Malte; Strasser, Peter: *ACS ENERGY LETTERS*, 2019, 4, 933-942.
An, Li; Feng, Jianrui; Zhang, Yu; Zhao, Yong-Qing; Si, Rui; Wang, Gui-Chang; Cheng, Fangyi; Xi, Pinxian; Sun, Shouheng: *NANO ENERGY*, 2019, 57, 644-652.
Yuan, Menglei; Dipazir, Sobia; Wang, Meng; Sun, Yu; Gao, Denglei; Bai, Yiling; Zhang, Min; Lu, Peilong; He, Hongyan; Zhu, Xiangyang; Li, Shuwei; Liu, Zhanjun; Luo, Zhaopeng; Zhang, Guangjin: *JOURNAL OF MATERIALS CHEMISTRY A*, 2019, 7, 3317-3326.
Katkar, Pranav K.; Marje, Supriya J.; Kale, Shital B.; Lokhande, Abhishek C.; Lokhande, Chandrakant D.; Patil, Umakant M.: *CRYSTENGCOMM*, 2019, 21, 884-893.
Miao, Xianbing; Wu, Liang; Lin, Yue; Yuan, Xueyou; Zhao, Jiyin; Yan, Wensheng; Zhou, Shiming; Shi, Lei: *CHEMICAL COMMUNICATIONS*, 2019, 55, 1442-1445.
Zhang, Jie; Dong, Chaoqun; Wang, Zhenbin; Gao, Hui; Niu, Jiazheng; Peng, Zhangquan; Zhang, Zhonghua: *SMALL METHODS*, 2019, 3, -.
Luo, Xiaoling; Shao, Qi; Pi, Yecan; Huang, Xiaoqing: *ACS CATALYSIS*, 2019, 9, 1013-1018.
Kumar, Amit; Phillips, Katherine R.; Thiel, Gregory P.; Schroeder, Uwe; Lienhard, John H.: *NATURE CATALYSIS*, 2019, 2, 106-113.
Yang, Jian; Shao, Qi; Huang, Bolong; Sun, Mingzi; Huang, Xiaoqing: *ISCIENCE*, 2019, 11, 492-+.
Macounová, Katerina Minhova; Simic, Nina; Ahlberg, Elisabet; Krtil, Petr: *ELECTROCATALYSIS*, 2019, 10, 45-55.
Zhao, Yasong; Tang, Hongjie; Yang, Nailiang; Wang, Dan: *ADVANCED SCIENCE*, 2018, 5, -.
Kishor, Koshal; Saha, Sulay; Parashtekar, Alhad; Pala, Raj Ganesh S.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2018, 165, J3276-J3280.
Han, Weijia; Kuepper, Karsten; Hou, Peilong; Akram, Wajiha; Eickmeier, Henning; Hardege, Joerg; Steinhart, Martin; Schaefer, Helmut: *CHEMSUSCHEM*, 2018, 11, 3661-3671.

Wu, Jun-Xi; He, Chun-Ting; Li, Gao-Ren; Zhang, Jie-Peng: *JOURNAL OF MATERIALS CHEMISTRY A*, 2018, 6, 19176-19181.
Guo, Kailu; Zou, Zehua; Du, Jing; Zhao, Yongqing; Zhou, Baofan; Xu, Cailing: *CHEMICAL COMMUNICATIONS*, 2018, 54, 11140-11143.
Yang, Jian; Ji, Yujin; Shao, Qi; Zhang, Nan; Li, Youyong; Huang, Xiaoqing: *ADVANCED FUNCTIONAL MATERIALS*, 2018, 28, -.
Zhong, Dazhong; Zhang, Lei; Li, Chengcheng; Li, Dandan; Wei, Congcong; Zhao, Qiang; Li, Jinping; Gong, Jinlong: *JOURNAL OF MATERIALS CHEMISTRY A*, 2018, 6, 16810-16817.
Zhang, Jie; Dong, Chaoqun; Wang, Zhenbin; Zhang, Chi; Gao, Hui; Niu, Jiazheng; Zhang, Zhonghua: *ELECTROCHIMICA ACTA*, 2018, 284, 495-503.
Jiang, Yilan; Geng, Zhibin; Yuan, Long; Sun, Yu; Cong, Yingge; Huang, Keke; Wang, Lei; Zhang, Wei: *ACS SUSTAINABLE CHEMISTRY & ENGINEERING*, 2018, 6, 11999-12005.
Tang, Hao; Zheng, Mingbo; Hu, Qin; Chi, Yao; Xu, Bingyan; Zhang, Songtao; Xue, Huaiguo; Pang, Huan: *JOURNAL OF MATERIALS CHEMISTRY A*, 2018, 6, 13999-14024.
Dresp, Soeren; Dionigi, Fabio; Loos, Stefan; de Araujo, Jorge Ferreira; Spoeri, Camillo; Gliech, Manuel; Dau, Holger; Strasser, Peter: *ADVANCED ENERGY MATERIALS*, 2018, 8, -.
Chen, Binling; Yang, Zhuxian; Niu, Qijian; Chang, Hong; Ma, Guiping; Zhu, Yanqiu; Xia, Yongde: *ELECTROCHEMISTRY COMMUNICATIONS*, 2018, 93, 191-196.
Zhao, Yingji; Fan, Guoli; Yang, Lan; Lin, Yanjun; Li, Feng: *NANOSCALE*, 2018, 10, 13555-13564.
Ming, Ruoxi; Zhu, Yuchan; Deng, Li; Zhang, Ailian; Wang, Ju; Han, Yongqi; Chai, Bo; Ren, Zhandong: *NEW JOURNAL OF CHEMISTRY*, 2018, 42, 12143-12151.
Lin, Yunxiang; Yang, Li; Zhang, Youkui; Jiang, Hongliang; Xiao, Zijian; Wu, Chuanqiang; Zhang, Guobin; Jiang, Jun; Song, Li: *ADVANCED ENERGY MATERIALS*, 2018, 8, -.
Vos, J. G.; Koper, M. T. M.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2018, 819, 260-268.
Mishra, Avinna; Samantara, Aneeya K.; Kamila, Swagatika; Jena, Bikash Kumar; Manju, U.; Bhattacharjee, Sarama: *MATERIALS TODAY COMMUNICATIONS*, 2018, 15, 48-54.
Liu, Wei; Hou, Yang; Lin, Zhan; Yang, Shikuan; Yu, Chunlin; Lei, Chaojun; Wu, Xiaolin; He, Denghong; Jia, Qing; Zheng, Guokui; Zhang, Xingwang; Lei, Lecheng: *CHEMSUSCHEM*, 2018, 11, 1479-1485.
Zhang, Haixia; Zheng, Jianfeng; Chao, Yuguang; Zhang, Kangming; Zhu, Zhenping: *NEW JOURNAL OF CHEMISTRY*, 2018, 42, 7254-7261.
Hsu, Shao-Hui; Miao, Jianwei; Zhang, Liping; Gao, Jiajian; Wang, Hongming; Tao, Huabing; Hung, Sung-Fu; Vasileff, Anthony; Qiao, Shi Zhang; Liu, Bin: *ADVANCED MATERIALS*, 2018, 30, -.
Lu, Wenqing; Song, Ye; Dou, Meiling; Ji, Jing; Wang, Feng: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2018, 43, 8794-8804.
Fang, Zhiqiang; Hao, Zhaomin; Dong, Qingsong; Cui, Yong: *JOURNAL OF NANOPARTICLE RESEARCH*, 2018, 20, -.
She, Sixuan; Yu, Jie; Tang, Wanqi; Zhu, Yinlong; Chen, Yubo; Sunarso, Jaka; Zhou, Wei; Shao, Zongping: *ACS APPLIED MATERIALS & INTERFACES*, 2018, 10, 11715-11721.
Zhang, Xilin; Yang, Zongxian; Lu, Zhansheng; Wang, Weichao: *CARBON*, 2018, 130, 112-119.
Gao, Rui; Yan, Dongpeng: *NANO RESEARCH*, 2018, 11, 1883-1894.
Muthukumar, Pandi; Kumar, Vadivel Vinod; Reddy, Gajjala Rajendra Kumar; Kumar, P. Suresh; Anthony, Savarimuthu Philip: *CATALYSIS SCIENCE & TECHNOLOGY*, 2018, 8, 1414-1422.
Liu, Zhifeng; Zhang, Jing; Yang, Weiguo: *ACS SUSTAINABLE CHEMISTRY & ENGINEERING*, 2018, 6, 3565-3574.
Liu, Hengjie; Zhou, Jing; Wu, Chuanqiang; Wang, Changda; Zhang, Youkui; Liu, Daobin; Lin, Yunxiang; Jiang, Hongliang; Song, Li: *ACS SUSTAINABLE CHEMISTRY & ENGINEERING*, 2018, 6, 2911-2915.
Zhang, Fangfang; Ge, Yuancai; Chu, Hang; Dong, Pei; Baines, Robert; Pei, Yu; Ye, Mingxin; Shen, Jianfeng: *ACS APPLIED MATERIALS & INTERFACES*, 2018, 10, 7087-7095.
Yang, Yejin; Jo, Ara; Lee, Youngmi; Lee, Chongmok: *SENSORS AND ACTUATORS B-CHEMICAL*, 2018, 255, 316-324.
Yan, Dafeng; Dong, Chung-Li; Huang, Yu-Cheng; Zou, Yuqin; Xie, Chao; Wang, Yanyong; Zhang, Yiqiong; Liu, Dongdong; Shen, Shaohua; Wang, Shuangyin: *JOURNAL OF MATERIALS CHEMISTRY A*, 2018, 6, 805-810.
Busch, Michael; Wang, Richard Baochang; Hellman, Anders; Rossmeisl, Jan; Gronbeck, Henrik: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 216-226.
Ma, Zizai; Meng, Huijie; Wang, Mei; Tang, Bin; Li, Jinping; Wang, Xiaoguang: *CHEMELECTROCHEM*, 2018, 5, 335-342.
Yan, Dafeng; Li, Yunxiao; Huo, Jia; Chen, Ru; Dai, Liming; Wang, Shuangyin: *ADVANCED MATERIALS*, 2017, 29, -.
Gnanakumar, Edwin S.; Ng, Wesley; Filiz, Bilge Coskuner; Rothenberg, Gadi; Wang, Sheng; Xu, Hualong; Pastor-Perez, Laura; Mercedes Pastor-Blas, M.; Sepulveda-Escribano, Antonio; Yan, Ning; Shiju, N. Raveendran: *CHEMCATCHEM*, 2017, 9, 4159-4163.
Liu, Hengjie; He, Qun; Jiang, Hongliang; Lin, Yunxiang; Zhang, Youkui; Habib, Muhammad; Chen, Shuangming; Song, Li: *ACS NANO*, 2017, 11, 11574-11583.
Mahala, Chavi; Basu, Mrinmoyee: *ACS OMEGA*, 2017, 2, 7559-7567.
Chen, Shichuan; Kang, Zhixiong; Hu, Xin; Zhang, Xiaodong; Wang, Hui; Xie, Junfeng; Zheng, XuSheng; Yan, Wensheng; Pan, Bicai; Xie, Yi: *ADVANCED MATERIALS*, 2017, 29, -.
Cheng, Guanhua; Kou, Tianyi; Zhang, Jie; Si, Conghui; Gao, Hui; Zhang, Zhonghua: *NANO ENERGY*, 2017, 38, 155-166.

Li, Jian; Gao, Xin; Jiang, Xin; Li, Xu-Bing; Liu, Zhongfan; Zhang, Jin; Tung, Chen-Ho; Wu, Li-Zhu: *ACS CATALYSIS*, 2017, 7, 5209-5213.
Wang, Mengfan; Qian, Tao; Liu, Sisi; Zhou, Jingiu; Yan, Chenglin: *ACS APPLIED MATERIALS & INTERFACES*, 2017, 9, 21216-21224.
Gao, Qiang; Huang, Chuan-Qi; Ju, Yi-Ming; Gao, Min-Rui; Liu, Jian-Wei; An, Duo; Cui, Chun-Hua; Zheng, Ya-Rong; Li, Wei-Xue; Yu, Shu-Hong: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2017, 56, 7769-7773.
Eftekhari, Ali: *MATERIALS TODAY CHEMISTRY*, 2017, 4, 117-132.
Sun, Hainan; Chen, Gao; Zhu, Yinlong; Liu, Bo; Zhou, Wei; Shao, Zongping: *CHEMISTRY-A EUROPEAN JOURNAL*, 2017, 23, 5722-5728.
Cai, Pingwei; Huang, Junheng; Chen, Junxiang; Wen, Zhenhai: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2017, 56, 4858-4861.
Liu, Wei; Liu, Hu; Dang, Lianna; Zhang, Hongxiu; Wu, Xiaolin; Yang, Bin; Li, Zhongjian; Zhang, Xingwang; Lei, Lecheng; Jin, Song: *ADVANCED FUNCTIONAL MATERIALS*, 2017, 27, -.
Zou, Hong-Hong; Yuan, Cheng-Zong; Zou, Hong-Yan; Cheang, Tuck-Yun; Zhao, Sheng-Jie; Qazi, Umair Yaqub; Zhong, Sheng-Liang; Wang, Lei; Xu, An-Wu: *CATALYSIS SCIENCE & TECHNOLOGY*, 2017, 7, 1549-1555.
Dutta, Soumen; Ray, Chaiti; Negishi, Yuichi; Pal, Tarasankar: *ACS APPLIED MATERIALS & INTERFACES*, 2017, 9, 8134-8141.
Wang, Jianghao; Li, Liping; Tian, Haiquan; Zhang, Yuelan; Che, Xiangli; Li, Guangshe: *ACS APPLIED MATERIALS & INTERFACES*, 2017, 9, 7100-7107.
Yu, Jing; Li, Qianqian; Xu, Cheng-Yan; Chen, Na; Li, Yuan; Liu, Heguang; Zhen, Liang; Dravid, Vinayak P.; Wu, Jinsong: *JOURNAL OF MATERIALS CHEMISTRY A*, 2017, 5, 3981-3986.
Anantharaj, S.; Karthik, P. E.; Kundu, Subrata: *CATALYSIS SCIENCE & TECHNOLOGY*, 2017, 7, 882-893.
Wang, Mengfan; Qian, Tao; Zhou, Jinqiu; Yan, Chenglin: *ACS APPLIED MATERIALS & INTERFACES*, 2017, 9, 5213-5221.
Xu, Han; Feng, Jin-Xian; Tong, Ye-Xiang; Li, Gao-Ren: *ACS CATALYSIS*, 2017, 7, 986-991.
Reier, Tobias; Nong, Hong Nhan; Teschner, Detre; Schloegl, Robert; Strasser, Peter: *ADVANCED ENERGY MATERIALS*, 2017, 7, -.
Chaudhari, Nitin Kaduba; Oh, Aram; Sa, Young Jin; Jin, Haneul; Baik, Hionsuck; Kim, Sang Gu; Lee, Suk Joong; Joo, Sang Hoon; Lee, Kwangyeol: *NANO CONVERGENCE*, 2017, 4, -.
Bhowmik, Tanmay; Kundu, Manas Kumar; Barman, Sudip: *ACS APPLIED MATERIALS & INTERFACES*, 2016, 8, 28678-28688.
Saha, Sulay; Kishor, Koshal; Sivakumar, Sri; Pala, Raj Ganesh S.: *JOURNAL OF THE INDIAN INSTITUTE OF SCIENCE*, 2016, 96, 325-349.
Fathi, Ahlam M.; Abdel-Hameed, Salwa A. M.; Margha, Fatma H.; Ghany, Nabil A. Abdel: *ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE-INTERNATIONAL JOURNAL OF RESEARCH IN PHYSICAL CHEMISTRY & CHEMICAL PHYSICS*, 2016, 230, 1519-1530.
Zhu, Yinlong; Zhou, Wei; Sunarso, Jaka; Zhong, Yijun; Shao, Zongping: *ADVANCED FUNCTIONAL MATERIALS*, 2016, 26, 5862-5872.
Wang, Ling; Huang, Xiaolei; Xue, Junmin: *CHEMSUSCHEM*, 2016, 9, 1835-1842.
Yuan, Cheng-Zong; Jiang, Yi-Fan; Wang, Zhou; Xie, Xiao; Yang, Zheng-Kun; Bin Yousaf, Ammar; Xu, An-Wu: *JOURNAL OF MATERIALS CHEMISTRY A*, 2016, 4, 8155-8160.
Dionigi, Fabio; Reier, Tobias; Pawolek, Zarina; Gliech, Manuel; Strasser, Peter: *CHEMSUSCHEM*, 2016, 9, 962-972.
Paoli, Elisa Antares; Masini, Federico; Frydendal, Rasmus; Deiana, Davide; Malacrida, Paolo; Hansen, Thomas W.; Chorkendorff, Ib; Stephens, Ifan E. L.: *CATALYSIS TODAY*, 2016, 262, 57-64.
Zhu, Chengzhou; Fu, Shaofang; Du, Dan; Lin, Yuehe: *CHEMISTRY-A EUROPEAN JOURNAL*, 2016, 22, 4000-+.
Karlsson, Rasmus K. B.; Cornell, Ann: *CHEMICAL REVIEWS*, 2016, 116, 2982-3028.
Chen, Jun Song; Ren, Jiawen; Shalom, Menny; Fellinger, Tim; Antoniettit, Markus: *ACS APPLIED MATERIALS & INTERFACES*, 2016, 8, 5509-5516.
Xia, Dao-cheng; Zhou, Lei; Qiao, Shi; Zhang, Yalin; Tang, Di; Liu, Juan; Huang, Hui; Liu, Yang; Kang, Zhenhui: *MATERIALS RESEARCH BULLETIN*, 2016, 74, 441-446.
Liu, Yang; Li, Jing; Li, Feng; Li, Wenzhu; Yang, Haidong; Zhang, Xueyao; Liu, Yansheng; Ma, Jiantai: *JOURNAL OF MATERIALS CHEMISTRY A*, 2016, 4, 4472-4478.
Hou, Libo; Bu, Qijing; Li, Shuo; Wang, Dejun; Xie, Tengfeng: *RSC ADVANCES*, 2016, 6, 99081-99087.
Chen, Pengzuo; Xu, Kun; Tong, Yun; Li, Xiuling; Tao, Shi; Fang, Zhiwei; Chu, Wangsheng; Wu, Xiaojun; Wu, Changzheng: *INORGANIC CHEMISTRY FRONTIERS*, 2016, 3, 236-242.
Li, Zejun; Dou, Xinyu; Zhao, Yingcheng; Wu, Changzheng: *INORGANIC CHEMISTRY FRONTIERS*, 2016, 3, 1021-1027.
Ray, Chaiti; Dutta, Soumen; Negishi, Yuichi; Pal, Tarasankar: *CHEMICAL COMMUNICATIONS*, 2016, 52, 6095-6098.
Li, Xinzhe; Fang, Yiyun; Wen, Lixin; Li, Feng; Yin, Guanlin; Chen, Wanmin; An, Xingcai; Jin, Jun; Ma, Jiantai: *DALTON TRANSACTIONS*, 2016, 45, 5575-5582.
Chen, Pengzuo; Xu, Kun; Fang, Zhiwei; Tong, Yun; Wu, Junchi; Lu, Xiuli; Peng, Xu; Ding, Hui; Wu, Changzheng; Xie, Yi: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2015, 54, 14710-14714.
Schaefer, Helmut; Kuepper, Karsten; Wollschlaeger, Joachim; Kashaev, Nikolai; Hardege, Joerg; Walder, Lorenz; Beladi-Mousavi, Seyyed Mohsen; Hartmann-Azanza, Brigitte; Steinhart, Martin; Sadaf, Shamaila; Dorn, Falk: *CHEMSUSCHEM*, 2015, 8, 3099-3110.

Yang, Yang; Zhou, Ming; Guo, Wenlong; Cui, Xun; Li, Yanhong; Liu, Feila; Xiao, Peng; Zhang, Yunhuai: *ELECTROCHIMICA ACTA*, 2015, 174, 246-253.
Luu, Tran Le; Kim, Choonsoo; Kim, Jiye; Kim, Seonghwan; Yoon, Jeyong: *BULLETIN OF THE KOREAN CHEMICAL SOCIETY*, 2015, 36, 1411-1417.
Schaefer, Helmut; Beladi-Mousavi, Seyyed Mohsen; Walder, Lorenz; Wollschlaeger, Joachim; Kuschel, Olga; Ichilmann, Sachar; Sadaf, Shamaila; Steinhart, Martin; Kuepper, Karsten; Schneider, Lilli: *ACS CATALYSIS*, 2015, 5, 2671-2680.
Ren, Jiawen; Antonietti, Markus; Fellinger, Tim-Patrick: *ADVANCED ENERGY MATERIALS*, 2015, 5, -.
Kuznetsova, Elizaveta; Petrykin, Valery; Sunde, Svein; Krtil, Petr: *ELECTROCATALYSIS*, 2015, 6, 198-210.
Schaefer, Helmut; Sadaf, Shamaila; Walder, Lorenz; Kuepper, Karsten; Dinklage, Stephan; Wollschlaeger, Joachim; Schneider, Lilli; Steinhart, Martin; Hardege, Joerg; Daum, Diemo: *ENERGY & ENVIRONMENTAL SCIENCE*, 2015, 8, 2685-2697.
Abbott, Daniel F.; Petrykin, Valery; Okube, Maki; Bastl, Zdenk; Mukerjee, Sanjeev; Krtil, Petr: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2015, 162, H23-H31.
Zhu, Chengzhou; Wen, Dan; Leubner, Susanne; Oschatz, Martin; Liu, Wei; Holzschuh, Matthias; Simon, Frank; Kaskel, Stefan; Eychmueller, Alexander: *CHEMICAL COMMUNICATIONS*, 2015, 51, 7851-7854.
Kim, Yu Lim; Choi, Hyun-A; Lee, Nam-Suk; Son, Byungrak; Kim, Hee Jun; Baik, Jeong Min; Lee, Youngmi; Lee, Chongmok; Kim, Myung Hwa: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2015, 17, 7435-7442.
Xu, Qi-Zhi; Su, Yu-Zhi; Wu, Hao; Cheng, Hui; Guo, Yun-Ping; Li, Nan; Liu, Zhao-Qing: *CURRENT NANOSCIENCE*, 2015, 11, 107-112.
Abbott, Daniel F.; Mukerjee, Sanjeev; Petrykin, Valery; Bastl, Zdenek; Halck, Niels Bendtsen; Rossmeisl, Jan; Krtil, Petr: *RSC ADVANCES*, 2015, 5, 1235-1243.
Li, Zhuo-ying; Shi, Shu-ting; Zhong, Qi-sui; Zhang, Chan-juan; Xu, Chang-wei: *ELECTROCHIMICA ACTA*, 2014, 146, 119-124.
Liu, Youwen; Cheng, Hao; Lyu, Mengjie; Fan, Shaojuan; Liu, Qinghua; Zhang, Wenshuai; Zhi, Yuduo; Wang, Chengming; Xiao, Chong; Wei, Shiqiang; Ye, Bangjiao; Xie, Yi: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2014, 136, 15670-15675.
Li, Zhuo-ying; Ye, Kai-hang; Zhong, Qi-sui; Zhang, Chan-juan; Shi, Shu-ting; Xu, Chang-wei: *CHEMPLUSCHEM*, 2014, 79, 1569-1572.
Shin, Hae-Young; Lee, Jaeyeon; Lee, Yumin; Jeong, Sewon; Jung, Hayoung; Yu, Hak Ki; Baik, Jeong Min; Kim, Myung Hwa; Yoon, Seokhyun: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2014, 118, 20716-20720.
Kuznetsova, E.; Cuesta, A.; Thomassen, M. S.; Sunde, S.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2014, 728, 102-111.
Kim, Su-jin; Jung, Hayoung; Lee, Chongmok; Kim, Myung Hwa; Lee, Youngmi: *SENSORS AND ACTUATORS B-CHEMICAL*, 2014, 191, 298-304.
Liu, Xuehua; Shao, Yanqun; Liu, Yuru; Wang, Xin; Tang, Zhongzhi; Tang, Dian; Lin, Wei: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2014, 161, E119-E127.
Wang, Jing; Gao, Dunfeng; Wang, Guoxiong; Miao, Shu; Wu, Haihua; Li, Jiayuan; Bao, Xinhe: *JOURNAL OF MATERIALS CHEMISTRY A*, 2014, 2, 20067-20074.
Li, Zhuo-Ying; Liu, Zi-li; Liang, Jie-Cong; Xu, Chang-Wei; Lu, Xihong: *JOURNAL OF MATERIALS CHEMISTRY A*, 2014, 2, 18236-18240.
Zhou, Weijia; Hou, Dongman; Sang, Yuanhua; Yao, Shuhua; Zhou, Jian; Li, Guoqiang; Li, Ligui; Liu, Hong; Chen, Shaowei: *JOURNAL OF MATERIALS CHEMISTRY A*, 2014, 2, 11358-11364.
Halck, Niels Bendtsen; Petrykin, Valery; Krtil, Petr; Rossmeisl, Jan: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2014, 16, 13682-13688.
Kriek, Roelof J.; Rossmeisl, Jan; Siahrostami, Samira; Bjorketun, Marten E.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2014, 16, 9572-9579.
Zhou, Weijia; Wu, Xue-Jun; Cao, Xiehong; Huang, Xiao; Tan, Chaoliang; Tian, Jian; Liu, Hong; Wang, Jiyang; Zhang, Hua: *ENERGY & ENVIRONMENTAL SCIENCE*, 2013, 6, 2921-2924.
Zhao, Yong; Nakamura, Ryuhei; Kamiya, Kazuhide; Nakanishi, Shuji; Hashimoto, Kazuhito: *NATURE COMMUNICATIONS*, 2013, 4, -.
Petrykin, Valery; Macounová, Katerina; Okube, Maki; Mukerjee, Sanjeev; Krtil, Petr: *CATALYSIS TODAY*, 2013, 202, 63-69.
Busch, M.; Ahlberg, E.; Panas, I.: *CATALYSIS TODAY*, 2013, 202, 114-119.
Wang, Xinwei; Gordon, Roy G.: *CRYSTAL GROWTH & DESIGN*, 2013, 13, 1316-1321.
Busch, Michael; Ahlberg, Elisabet; Panas, Itai: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2013, 117, 288-292.
Lee, Jaeyeon; Yang, Hee-Sung; Lee, Nam-Suk; Kwon, Osung; Shin, Hae-Young; Yoon, Seokhyun; Baik, Jeong Min; Seo, Young-Soo; Kim, Myung Hwa: *CRYSTENGCOMM*, 2013, 15, 2367-2371.
Kang, Minkyung; Lee, Yumin; Jung, Hayoung; Shim, Jun Ho; Lee, Nam-Suk; Baik, Jeong Min; Lee, Sang Cheol; Lee, Chongmok; Lee, Youngmi; Kim, Myung Hwa: *ANALYTICAL CHEMISTRY*, 2012, 84, 9485-9491.
Garcia-Mota, Monica; Bajdich, Michal; Viswanathan, Venkatasubramanian; Vojvodic, Aleksandra; Bell, Alexis T.; Norskov, Jens K.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2012, 116, 21077-21082.
Chen, Shuang; Zhai, Teng; Lu, Xi-Hong; Zhang, Man-Zhi; Li, Zhuo-Ying; Xu, Chang-Wei; Tong, Yexiang: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2012, 37, 13350-13354.
Over, Herbert: *CHEMICAL REVIEWS*, 2012, 112, 3356-3426.
Gao, Min-Rui; Xu, Yun-Fei; Jiang, Jun; Zheng, Ya-Rong; Yu, Shu-Hong: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2012, 134, 2930-2933.
Garcia-Mota, Monica; Vojvodic, Aleksandra; Metiu, Horia; Man, Isabela C.; Su, Hai-Yan; Rossmeisl, Jan; Norskov, Jens K.: *CHEMCATCHEM*, 2011, 3, 1607-1611.

Tsuji, Etsushi; Imanishi, Akihito; Fukui, Ken-ichi; Nakato, Yoshihiro: *ELECTROCHIMICA ACTA*, 2011, 56, 2009-2016.
Petrykin, Valery; Macounová, Katerina; Franc, Jiri; Shlyakhtin, Oleg; Klementová, Mariana; Mukerjee, Sanjeev; Krtil, Petr: *CHEMISTRY OF MATERIALS*, 2011, 23, 200-207.

50. Sebera, J.; Hoffmannová, H.; Krtil, P.; Samec, Z.; Zalis, S.; Electrochemical and density functional studies of the catalytic ethylene oxidation on nanostructured Au electrodes. *Catalysis Today* **2010**, *158* (1-2), 29-34. DOI: 10.1016/j.cattod.2010.05.025. IF= 6.766, Počet citací: 13

Citováno v:
Salaev, M. A.; Salaeva, A. A.; Vodyankina, O. V.: *CATALYSIS TODAY*, 2021, 375, 585-590.
Salaev, M. A.: *MOLECULAR CATALYSIS*, 2021, 507, -.
Tang, Cheng; Zheng, Yao; Jaroniec, Mietek; Qiao, Shi-Zhang: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2021, 60, 19572-19590.
Chung, Minju; Jin, Kyoungsuk; Zeng, Joy Shuang; Manthiram, Karthish: *ACS CATALYSIS*, 2020, 10, 14015-14023.
Lum, Yanwei; Huang, Jianan Erick; Wang, Ziyun; Luo, Mingchuan; Nam, Dae-Hyun; Leow, Wan Ru; Chen, Bin; Wicks, Joshua; Li, Yuguang C.; Wang, Yuhang; Dinh, Cao-Thang; Li, Jun; Zhuang, Tao-Tao; Li, Fengwang; Sham, Tsun-Kong; Sinton, David; Sargent, Edward H.: *NATURE CATALYSIS*, 2020, 3, 14-22.
Salaev, M. A.; Salaeva, A. A.; Poleschuk, O. Kh.; Vodyankina, O. V.: *JOURNAL OF STRUCTURAL CHEMISTRY*, 2019, 60, 1713-1724.
Lang, Sandra M.; Bernhardt, Thorsten M.; Bakker, Joost M.; Yoon, Bokwon; Landman, Uzi: *JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY*, 2019, 30, 1895-1905.
Salaev, M.A.; Salaeva, A.A.; Poleschuk, O.Kh.; Vodyankina, O.V.: *Journal of Structural Chemistry*, 2019, 60, 1785-1796.
Lang, Sandra M.; Bernhardt, Thorsten M.; Bakker, Joost M.; Yoon, Bokwon; Landman, Uzi: *JOURNAL OF PHYSICS-CONDENSED MATTER*, 2018, 30, -.
Klusáčková, Monika; Nesmerak, Karel: *MONATSHEFTE FUR CHEMIE*, 2018, 149, 1503-1513.
Zhao, Shuang; Li, GuoZhi; Liu, JunNa; Ren, YunLai; Lu, WeiWei; Wang, JianJi: *EUROPEAN PHYSICAL JOURNAL D*, 2014, 68, -.
Ozbek, M. O.; Onal, I.; van Santen, R. A.: *JOURNAL OF CATALYSIS*, 2011, 284, 230-235.
Chen, Cuijie; Zhu, Shengli; Yang, Xianjin; Pi, Lele; Cui, Zhenduo: *ELECTROCHIMICA ACTA*, 2011, 56, 10253-10258.
Jirkovský, Jakub S.; Busch, Michael; Ahlberg, Elisabet; Panas, Itai; Krtil, Petr: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2011, 133, 5882-5892

51. Jirkovský, J. S.; Busch, M.; Ahlberg, E.; Panas, I.; Krtil, P.; Switching on the Electrocatalytic Ethene Epoxidation on Nanocrystalline RuO_2. *Journal of the American Chemical Society* **2011**, *133* (15), 5882-5892. DOI: 10.1021/ja109955w. IF=15.419, Počet citací: 34

Citováno v:
Tomboc, Gracita M.; Park, Yeji; Lee, Kwangyeol; Jin, Kyoungsuk: *CHEMICAL SCIENCE*, 2021, 12, 8967-8995.
Tang, Cheng; Zheng, Yao; Jaroniec, Mietek; Qiao, Shi-Zhang: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2021, 60, 19572-19590.
Wang, Chenlong; Zhan, Hongju; Lu, Xinhuan; Jing, Run; Zhang, Haifu; Yang, Lu; Li, Xixi; Yue, Fanfan; Zhou, Dan; Xia, Qinghua: *NEW JOURNAL OF CHEMISTRY*, 2021, 45, 2147-2156.
Chung, Minju; Jin, Kyoungsuk; Zeng, Joy Shuang; Manthiram, Karthish: *ACS CATALYSIS*, 2020, 10, 14015-14023.
Guo, Ling; Han, Yu; Guo, Sibei: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2020, 45, 12798-12814.
Lum, Yanwei; Huang, Jianan Erick; Wang, Ziyun; Luo, Mingchuan; Nam, Dae-Hyun; Leow, Wan Ru; Chen, Bin; Wicks, Joshua; Li, Yuguang C.; Wang, Yuhang; Dinh, Cao-Thang; Li, Jun; Zhuang, Tao-Tao; Li, Fengwang; Sham, Tsun-Kong; Sinton, David; Sargent, Edward H.: *NATURE CATALYSIS*, 2020, 3, 14-22.
Guo, Sibei; Han, Yu; Guo, Ling: *CATALYSIS SURVEYS FROM ASIA*, 2020, 24, 70-85.
Wang, Jianfeng; Ma, Li-Juan; Han, Min; Jia, Jianfeng; Wu, Hai-Shun; Zhang, Xiang: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2019, 44, 25800-25808.
Perry, Samuel C.; Pangotra, Dhananjai; Vieira, Luciana; Csepei, Lenard-Istvan; Sieber, Volker; Wang, Ling; de Leon, Carlos Ponce; Walsh, Frank C.: *NATURE REVIEWS CHEMISTRY*, 2019, 3, 442-458.
Khosravi, Kaveh; Naserifar, Shirin: *TETRAHEDRON*, 2018, 74, 6584-6592.
Klusáčková, Monika; Nesmerak, Karel: *MONATSHEFTE FUR CHEMIE*, 2018, 149, 1503-1513.
Busch, Michael: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 9, 278-284.
Weerakkody, Chandima; Biswas, Sourav; Song, Wenqiao; He, Junkai; Wasalathanthri, Niluka; Dissanayake, Shanka; Kriz, David A.; Dutta, Biswanath; Suib, Steven L.: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2018, 221, 681-690.
Li, Wenli; Guo, Sibei; Guo, Ling: *CATALYSIS SURVEYS FROM ASIA*, 2017, 21, 185-197.
Li, Wenli; Guo, Ling; Zheng, Xiaoli; Cao, Zhaoru; Liu, Naying: *PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES*, 2017, 53, 602-611.
Zheng, Xiaoli; Guo, Ling; Li, Wenli; Cao, Zhaoru; Liu, Naying; Shi, Yayin; Guo, Juan: *COMPUTATIONAL AND THEORETICAL CHEMISTRY*, 2017, 1105, 1-13.

Stolz, Ferdinand; Appun, Johannes; Naumov, Sergej; Schneider, Christoph; Abel, Bernd: *CHEMPLUSCHEM*, 2017, 82, 233-240.
Han, Xiaoxia; Yang, Jinzhou; Han, Bingying; Sun, Wei; Zhao, Chaofan; Lu, Yanxue; Li, Zhong; Ren, Jun: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2017, 42, 177-192.
Ujwaldev, Sankuviruthiyil M.; Sindhu, Kallikkakam S.; Thankachan, Amrutha P.; Anilkumar, Gopinathan: *TETRAHEDRON*, 2016, 72, 6175-6190.
Colic, Viktor; Pohl, Marcus D.; Scieszka, Daniel; Bandarenka, Aliaksandr S.: *CATALYSIS TODAY*, 2016, 262, 24-35.
Guo, Ling; Cao, Zhaoru; Liu, Naying; An, Xiaoyu; Li, Aixia; Li, Wenli; Zheng, Xiaoli: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2016, 41, 2432-2446.
Guo, Ling; Li, Aixia; An, Xiaoyu; Cao, Zhaoru; Liu, Naying: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2015, 40, 8330-8340.
Yang, Jinzhou; Ren, Jun; Guo, Hailong; Qin, Xiang; Han, Bingying; Lin, Jianying; Li, Zhong: *RSC ADVANCES*, 2015, 5, 59935-59945.
Goransson, Gert; Jirkovský, Jakub S.; Krtil, Petr; Ahlberg, Elisabet: *ELECTROCHIMICA ACTA*, 2014, 139, 345-355.
Zhang, Shi-Tong; Li, Chang-Ming; Yan, Hong; Wei, Min; Evans, David G.; Duan, Xue: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2014, 118, 3514-3522.
Hou, Yu; Chen, Zu Peng; Wang, Dong; Zhang, Bo; Yang, Shuang; Wang, Hai Feng; Hu, P.; Zhao, Hui Jun; Yang, Hua Gui: *SMALL*, 2014, 10, 484-492.
Marenich, Aleksandr V.; Ho, Junming; Coote, Michelle L.; Cramer, Christopher J.; Truhlar, Donald G.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2014, 16, 15068-15106.
Petrykin, Valery; Macounová, Katerina; Okube, Maki; Mukerjee, Sanjeev; Krtil, Petr: *CATALYSIS TODAY*, 2013, 202, 63-69.
Busch, M.; Ahlberg, E.; Panas, I.: *CATALYSIS TODAY*, 2013, 202, 114-119.
Busch, Michael; Ahlberg, Elisabet; Panas, Itai: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2013, 117, 288-292.
Su, Jingyang; Lu, Na; Zhao, Jujiao; Yu, Hongtao; Huang, Hao; Dong, Xinglong; Quan, Xie: *JOURNAL OF HAZARDOUS MATERIALS*, 2012, 231, 105-113.
Over, Herbert: *CHEMICAL REVIEWS*, 2012, 112, 3356-3426.
Jirkovský, Jakub S.; Panas, Itai; Ahlberg, Elisabet; Halasa, Matej; Romani, Simon; Schiffrin, David J.: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2011, 133, 19432-19441.
Zevenbergen, Marcel A. G.; Wouters, Daan; Dam, Van-Anh T.; Brongersma, Sywert H.; Crego-Calama, Mercedes: *ANALYTICAL CHEMISTRY*, 2011, 83, 6300-6307.

52. Petrykin, V.; Macounová, K.; Franc, J.; Shlyakhtin, O.; Klementová, M.; Mukerjee, S.; Krtil, P.; Zn-Doped RuO_2 electrocatalyts for Selective Oxygen Evolution: Relationship between Local Structure and Electrocatalytic Behavior in Chloride Containing Media. *Chemistry of Materials* **2011**, *23* (2), 200-207. DOI: 10.1021/cm1028782. IF= 9.811, Počet citací: 41

Citováno v:
Liu, Xingxin; Song, Chol Nam; Zhang, Yuxin; Sha, Li; Li, Yiming; Zhang, Shuting: *SEPARATION AND PURIFICATION TECHNOLOGY*, 2021, 276, -.
Dong, Heng; Yu, Weilai; Hoffmann, Michael R.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 20745-20761.
Abe, Hikaru; Murakami, Ai; Tsunekawa, Shun; Okada, Takuya; Wakabayashi, Toru; Yoshida, Masaaki; Nakayama, Masaharu: *ACS CATALYSIS*, 2021, 11, 6390-6397.
Wang, Yihan; Liu, Yangyang; Wiley, Dianne; Zhao, Shenlong; Tang, Zhiyong: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 18974-18993.
Kwon, Taehyun; Kim, Taekyung; Son, Yunchang; Lee, Kwangyeol: *ADVANCED ENERGY MATERIALS*, 2021, 11, -.
Pinto, V. C.; Sousa, P. J.; Vieira, E. M. F.; Goncalves, L. M.; Minas, G.: *CHEMICAL ENGINEERING JOURNAL*, 2021, 404, -.
Saha, Sulay; Gayen, Pralay; Ramani, Vijay K.: *CHEMCATCHEM*, 2020, 12, 4922-4929.
Gu, Xiang-Kui; Camayang, John Carl A.; Samira, Samji; Nikolla, Eranda: *JOURNAL OF CATALYSIS*, 2020, 388, 130-140.
Burnett, David L.; Petrucco, Enrico; Rigg, Katie M.; Zalitis, Christopher M.; Lok, Jamie G.; Kashtiban, Reza J.; Lees, Martin R.; Sharman, Jonathan D. B.; Walton, Richard I.: *CHEMISTRY OF MATERIALS*, 2020, 32, 6150-6160.
Goryachev, Andrey; Pascuzzi, Marco Etzi Coller; Carla, Francesco; Weber, Tim; Over, Herbert; Hensen, Emiel J. M.; Hofmann, Jan P.: *ELECTROCHIMICA ACTA*, 2020, 336, -.
McLeod, Lucy K.; Spikes, Geoffrey H.; Kashtiban, Reza J.; Walker, Marc; Chadwick, Alan, V; Sharman, Jonathan D. B.; Walton, Richard, I: *DALTON TRANSACTIONS*, 2020, 49, 2661-2670.
Pascuzzi, Marco Etzi Coller; Goryachev, Andrey; Hofmann, Jan P.; Hensen, Ernie J. M.: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2020, 261, -.
Zuo, Juan; Zhu, Junqiu; Zhang, Mingzhou; Hong, Qiming; Han, Jie; Liu, Jianfu: *APPLIED SURFACE SCIENCE*, 2020, 502, -.
Yu, Jie; He, Qijiao; Yang, Guangming; Zhou, Wei; Shao, Zongping; Ni, Meng: *ACS CATALYSIS*, 2019, 9, 9973-10011.

Miao, Xianbing; Zhang, Lifu; Wu, Liang; Hu, Zhenpeng; Shi, Lei; Zhou, Shiming: *NATURE COMMUNICATIONS*, 2019, 10, -.
Kumar, Amit; Phillips, Katherine R.; Cai, Janny; Schroeder, Uwe; Lienhard, John H.: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2019, 58, 6502-6511.
Deng, Li; Liu, Yi; Zhao, Gan; Chen, Jiahao; He, Shufan; Zhu, Yuchan; Chai, Bo; Ren, Zhandong: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2019, 832, 459-466.
Macounová, Katerina Minhova; Simic, Nina; Ahlberg, Elisabet; Krtil, Petr: *ELECTROCATALYSIS*, 2019, 10, 45-55.
Pittkowski, Rebecca; Krtil, Petr; Rossmeisl, Jan: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 12, 218-224.
Kishor, Koshal; Saha, Sulay; Parashtekar, Alhad; Pala, Raj Ganesh S.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2018, 165, J3276-J3280.
Macounová, Katefina Minhova; Simic, Nina; Ahlberg, Elisabet; Krtil, Petr: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2018, 165, E751-E758.
Yang, Kang; Xu, Pengping; Lin, Zhiyu; Yang, Yang; Jiang, Peng; Wang, Changlai; Liu, Shuai; Gong, Shipeng; Hu, Lin; Chen, Qianwang: *SMALL*, 2018, 14, -.
Ming, Ruoxi; Zhu, Yuchan; Deng, Li; Zhang, Ailian; Wang, Ju; Han, Yongqi; Chai, Bo; Ren, Zhandong: *NEW JOURNAL OF CHEMISTRY*, 2018, 42, 12143-12151.
Saha, Sulay; Kishor, Koshal; Pala, Raj Ganesh S.: *CATALYSIS SCIENCE & TECHNOLOGY*, 2018, 8, 878-886.
Yao, Zhen; Reuter, Karsten: *CHEMCATCHEM*, 2018, 10, 465-469.
Saha, S.; Kishor, K.; Pala, R. G. S.: *INDUSTRIAL ELECTROCHEMISTRY AND ELECTROCHEMICAL ENGINEERING GENERAL SESSION*, 2018, 85, 3-11.
Nadeema, Ayasha; Dhavale, Vishal M.; Kurungot, Sreekumar: *NANOSCALE*, 2017, 9, 12590-12600.
Eftekhari, Ali: *MATERIALS TODAY CHEMISTRY*, 2017, 4, 117-132.
Reier, Tobias; Nong, Hong Nhan; Teschner, Detre; Schloegl, Robert; Strasser, Peter: *ADVANCED ENERGY MATERIALS*, 2017, 7, -.
Wei, Shaonan; Shi, Liubin; Ren, Zhandong; Zhang, Ailian; Ming, Ruoxi; Chai, Bo; Zhu, Yuchan: *RSC ADVANCES*, 2017, 7, 45377-45384.
Saha, Sulay; Kishor, Koshal; Sivakumar, Sri; Pala, Raj Ganesh S.: *JOURNAL OF THE INDIAN INSTITUTE OF SCIENCE*, 2016, 96, 325-349.
Karlsson, Rasmus K. B.; Cornell, Ann: *CHEMICAL REVIEWS*, 2016, 116, 2982-3028.
Sun, Wei; Song, Ya; Gong, Xue-Qing; Cao, Li-mei; Yang, Ji: *ACS APPLIED MATERIALS & INTERFACES*, 2016, 8, 820-826.
Kishor, Koshal; Saha, Sulay; Gupta, Manish Kumar; Bajpai, Anshumaan; Chatterjee, Moitrayee; Sivakumar, Sri; Pala, Raj Ganesh S.: *CHEMELECTROCHEM*, 2015, 2, 1839-1846.
Kuznetsova, Elizaveta; Petrykin, Valery; Sunde, Svein; Krtil, Petr: *ELECTROCATALYSIS*, 2015, 6, 198-210.
Abbott, Daniel F.; Petrykin, Valery; Okube, Maki; Bastl, Zdenk; Mukerjee, Sanjeev; Krtil, Petr: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2015, 162, H23-H31.
Ren, Zhandong; Quan, Shanshan; Gao, Jie; Li, Wenyang; Zhu, Yuchan; Liu, Ye; Chai, Bo; Wang, Yourong: *RSC ADVANCES*, 2015, 5, 8778-8786.
Abbott, Daniel F.; Mukerjee, Sanjeev; Petrykin, Valery; Bastl, Zdenek; Halck, Niels Bendtsen; Rossmeisl, Jan; Krtil, Petr: *RSC ADVANCES*, 2015, 5, 1235-1243.
Zeradjanin, Aleksandar R.; Menzel, Nadine; Schuhmann, Wolfgang; Strasser, Peter: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2014, 16, 13741-13747.
Petrykin, Valery; Macounová, Katerina; Okube, Maki; Mukerjee, Sanjeev; Krtil, Petr: *CATALYSIS TODAY*, 2013, 202, 63-69.
Over, Herbert: *CHEMICAL REVIEWS*, 2012, 112, 3356-3426.

53. Petrykin, V.; Okube, M.; Macounová, K.; Krtil, P.; Effects of local structure on cicctrocatalytic behavior of doped RuO. *Acta Crystallographica a-Foundation and Advances* **2011**, *67*, C427-C427, Meeting Abstract. DOI: 10.1107/s0108767311089276. IF= 2.29, Počet citací: 0

54. Goransson, G.; Peter, M.; Franc, J.; Petrykin, V.; Ahlberg, E.; Krtil, P.; Local Structure of Pulse Plated Ni Rich Ni-Zn Alloys and Its Effect on the Electrocatalytic Activity in the Hydrogen Evolution Reaction. *Journal of the Electrochemical Society* **2012**, *159* (9), D555-D562. DOI: 10.1149/2.047209jes. IF= 4.316, Počet citací: 7

Citováno v:
Pham, Nguyet N. T.; Kang, Sung Gu; Kim, Hyoung-Juhn; Pak, Chanho; Han, Byungchan; Lee, Seung Geol: *APPLIED SURFACE SCIENCE*, 2021, 537, -.
Nady, H.; Negem, Mosaad: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2018, 43, 4942-4950.
Yuan, Li; Gao, Chen; Zeng, Chunyan; Lu, Yue; Qian, Xuzheng; Chen, Fuyi: *NANO*, 2017, 12, -.
van der Wijst, Cornelis; Duan, Xuezhi; Liland, Ingvild Skeie; Walmsley, John C.; Zhu, Jun; Wang, Aiqin; Zhang, Tao; Chen, De: *CHEMCATCHEM*, 2015, 7, 2991-2999.
Goransson, Gert; Jirkovský, Jakub S.; Krtil, Petr; Ahlberg, Elisabet: *ELECTROCHIMICA ACTA*, 2014, 139, 345-355.
Yin, Zuwei; Chen, Fuyi: *ELECTROCHIMICA ACTA*, 2014, 117, 84-91.
Goransson, Gert; Johansson, Annika; Falkenberg, Fredrik; Ahlberg, Elisabet: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2014, 161, D476-D483.

55. He, Q. G.; Shyam, B.; Macounová, K.; Krtil, P.; Ramaker, D.; Mukerjee, S.; Dramatically Enhanced Cleavage of the C-C Bond Using an Electrocatalytically Coupled Reaction. *Journal of the American Chemical Society* **2012**, *134* (20), 8655-8661, Article. DOI: 10.1021/ja301992h. IF= 15.419, Počet citací: 43

Citováno v:

Bai, Shuxing; Xu, Yong; Cao, Kailei; Huang, Xiaoqing: *ADVANCED MATERIALS*, 2021, 33, -.
Zheng, Yunshan; Chen, Fu; Liu, Xinling; Guo, Xiaoyu; Ying, Ye; Wu, Yiping; Wen, Ying; Yang, Haifeng: *JOURNAL OF POWER SOURCES*, 2020, 472, -.
Lan, Bing; Huang, Min; Wei, Rui-Lin; Wang, Chao-Nan; Wang, Qiong-Lan; Yang, Yao-Yue: *SMALL*, 2020, 16, -.
Klaas, Lutho; Modibedi, Mmalewane; Mathe, Mkhulu; Su, Huaneng; Khotseng, Lindiwe: *CATALYSTS*, 2020, 10, -.
Basumatary, Padmini; Konwar, Dimpul; Yoon, Young Soo: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2020, 267, -.
Yu, Xiaoting; Luo, Zhishan; Zhang, Ting; Tang, Pengyi; Li, Junshan; Wang, Xiang; Llorca, Jordi; Arbiol, Jordi; Liu, Junfeng; Cabot, Andreu: *CHEMISTRY OF MATERIALS*, 2020, 32, 2044-2052.
Farsadrooh, Majid; Noroozifar, Meissam; Modarresi-Alam, Ali Reza: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2019, 44, 28821-28832.
Zhang, Zejie; Zhou, Debi; Liao, Jingjing; Huang, Qun; Bao, Xinjun; Yi, Shijie; Zhang, Fangfang: *INTERNATIONAL JOURNAL OF ENERGY RESEARCH*, 2019, 43, 1597-1603.
Zhang, Zejie; Zhou, Debi; Wu, Xuewen; Bao, Xinjun; Liao, Jingjing; Zhang, Fangfang: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2019, 44, 6608-6611.
Monyoncho, Evans A.; Woo, Tom K.; Baranova, Elena A.: *ELECTROCHEMISTRY, VOL 15*, 2019, 0, 1-57.
Zhang, Jiawei; Ye, Jinyu; Fan, Qiyuan; Jiang, Yating; Zhu, Yifan; Li, Huiqi; Cao, Zhenming; Kuang, Qin; Cheng, Jun; Zheng, Jun; Xie, Zhaoxiong: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2018, 140, 11232-11240.
Guo, Junsong; Chen, Rongrong; Zhu, Fu-hun; Sun, Shi-Gang; Villullas, Hebe M.: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2018, 224, 602-611.
Ning, Lina; Zhu, Aimei; Deng, Min; Zhang, Qiugen; Liu, Qinglin: *ELECTROCHIMICA ACTA*, 2018, 259, 1145-1153.
Song, Pingping; Cui, Xiaoneng; Shao, Qi; Feng, Yonggang; Zhu, Xing; Huang, Xiaoqing: *JOURNAL OF MATERIALS CHEMISTRY A*, 2017, 5, 24626-24630.
Mahesh, Ijjada; Jaithaliya, Raghav; Sarkar, A.: *ELECTROCHIMICA ACTA*, 2017, 258, 933-941.
Zhang, Ke; Xu, Hui; Yan, Bo; Wang, Jin; Gu, Zhulan; Du, Yukou: *APPLIED SURFACE SCIENCE*, 2017, 425, 77-82.
He, Xuyan; Ning, Lina; Zhu, Aimei; Zhang, Qiugen; Liu, Qinglin: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2017, 42, 24989-25000.
Zhu, Meiwu; Shao, Qi; Pi, Yecan; Guo, Jun; Huang, Bin; Qian, Yong; Huang, Xiaoqing: *SMALL*, 2017, 13, -.
Corchado-Garcia, Juan; Morais, Claudia; Alonso-Vante, Nicolas; Cabrera, Carlos R.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2017, 799, 228-234.
McClure, Joshua P.; Grew, Kyle N.; Das, Naresh C.; Chu, Deryn; Baker, David; Strnad, Nicholas; Gobrogge, Eric: *MRS ADVANCES*, 2017, 2, 3397-3402.
Wan Zhao-Min; Wei Xing; Peng Wei; Yin Zheng-Lei; Xiao Li; Zhuang Lin: *ACTA PHYSICO-CHIMICA SINICA*, 2016, 32, 1467-1472.
Buso-Rogero, Carlos; Solla-Gullon, Jose; Vidal-Iglesias, Francisco J.; Herrero, Enrique; Feliu, Juan M.: *ELECTROCHIMICA ACTA*, 2016, 196, 270-279.
Luo, Xiaoling; Bai, Ruopeng; Liu, Song; Shan, Chunhui; Chen, Changguo; Lan, Yu: *JOURNAL OF ORGANIC CHEMISTRY*, 2016, 81, 2320-2326.
Miller, Hamish Andrew; Vizza, Francesco; Lavacchi, Alessandro: *NANOMATERIALS FOR FUEL CELL CATALYSIS*, 2016, 0, 477-516.
Moloney, Mark G.: *SUSTAINABLE CATALYSIS: WITH NON-ENDANGERED METALS, PT 2*, 2016, 39, 254-272.
Yi, Qingfeng; Chen, Qinghua: *ELECTROCHIMICA ACTA*, 2015, 182, 96-103.
Roca-Ayats, M.; Garcia, G.; Soler-Vicedo, M.; Pastor, E.; Lazaro, M. J.; Martinez-Huerta, M. V.: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2015, 40, 14519-14528.
Wang, Ye; Zou, Shouzhong; Cai, Wen-Bin: *CATALYSTS*, 2015, 5, 1507-1534.
Yi, Qingfeng; Chu, Hao; Chen, Qinghua; Yang, Zheng; Liu, Xiaoping: *ELECTROANALYSIS*, 2015, 27, 388-397.
Chen, Yanxin; Bellini, Marco; Bevilacqua, Manuela; Fornasiero, Paolo; Lavacchi, Alessandro; Miller, Hamish A.; Wang, Lianqin; Vizza, Francesco: *CHEMSUSCHEM*, 2015, 8, 524-533.
He, Qinggang; Cairns, Elton J.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2015, 162, F1504-F1539.
Leelavathi, Annamalai; Madras, Giridhar; Ravishankar, Narayanan: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2014, 136, 14445-14455.
Jiang, Rongzhong; Tran, Dat T.; McClure, Joshua P.; Chu, Deryn: *ACS CATALYSIS*, 2014, 4, 2577-2586.
Rao Lu; Jiang Yanxia; Zhang Binwei; You Lexing; Li Zhanhong; Sun Shigang: *PROGRESS IN CHEMISTRY*, 2014, 26, 727-736.

Jiang, Rongzhong; Chu, Deryn: *NON-NOBLE METAL FUEL CELL CATALYSTS*, 2014, 0, 271-317.
Shan, Shiyao; Luo, Jin; Wu, Jinfang; Kang, Ning; Zhao, Wei; Cronk, Hannah; Zhao, Yinguang; Joseph, Pharrah; Petkov, Valeri; Zhong, Chuan-Jian: *RSC ADVANCES*, 2014, 4, 42654-42669.
Yu, Hongying; Zhou, Debi; Zhu, Hongmei: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2014, 18, 125-131.
Li, Guanglan; Jiang, Luhua; Zhang, Bingsen; Jiang, Qian; Su, Dang Sheng; Sun, Gongquan: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2013, 38, 12767-12773.
Yin, Jun; Shan, Shiyao; Ng, Mei Shan; Yang, Lefu; Mott, Derrick; Fang, Weiqin; Kang, Ning; Luo, Jin; Zhong, Chuan-Jian: *LANGMUIR*, 2013, 29, 9249-9258.
He, Qinggang; Shyam, Badri; Nishijima, Masahiko; Ramaker, David; Mukerjee, Sanjeev: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2013, 117, 4877-4887.
He, Qinggang; Shyam, Badri; Nishijima, Masahiko; Yang, Xiaofang; Koel, Bruce; Ernst, Frank; Ramaker, David; Mukerjee, Sanjeev: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2013, 117, 1457-1467.
Christensen, P. A.; Jones, S. W. M.; Hamnett, A.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2013, 15, 17268-17276.
Dutta, Abhijit; Datta, Jayati: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2012, 116, 25677-25688.

56. Hoffmannová, H.; Okube, M.; Petrykin, V.; Krtil, P.; Mueller, J. E.; Jacob, T.; Surface Stability of Pt_3Ni Nanoparticulate Alloy Electrocatalysts in Hydrogen Adsorption. *Langmuir* **2013**, *29* (29), 9046-9050. DOI: 10.1021/la401562t. IF=3.882 , Počet citací: 25

Citováno v:
Mueller, Jonathan E.; Hoffmannová, Hana; Hiratoko, Tatsuya; Krtil, Petr; Jacob, Timo: *JOURNAL OF CATALYSIS*, 2021, 398, 89-101.
Linnemann, Julia; Kanokkanchana, Kannasoot; Tschulik, Kristina: *ACS CATALYSIS*, 2021, 11, 5318-5346.
Zhang, Shengjie; Johnson, Duane D.; Shelton, William A.; Xu, Ye: *TOPICS IN CATALYSIS*, 2020, 63, 714-727.
Zalka, Dora; Peter, Laszlo: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2020, 24, 2595-2602.
Bhowmik, Arghya; Hansen, Heine Anton; Vegge, Tejs: *ACS CATALYSIS*, 2017, 7, 8502-8513.
Kibler, Ludwig A.; Soliman, Khaled A.; Plumer, Alan; Wildi, Christopher S.; Bringley, Eric; Mueller, Jonathan E.; Jacob, Timo: *ELECTROCATALYSIS*, 2017, 8, 605-615.
Godinez-Salomon, Fernando; Mendoza-Cruz, Ruben; Arellano-Jimenez, M. Josefina; Jose-Yacaman, Miguel; Rhodes, Christopher P.: *ACS APPLIED MATERIALS & INTERFACES*, 2017, 9, 18660-18674.
Umezawa, Michihisa; Ishikawa, Ryoichi; Miyazaki, Reona; Hihara, Takehiko: *JOURNAL OF APPLIED PHYSICS*, 2017, 121, -.
Galipaud, Jules; Roy, Claudie; Martin, Manuel H.; Garbarino, Sebastien; Roue, Lionel; Guay, Daniel: *CHEMELECTROCHEM*, 2015, 2, 1187-1198.
Standing, Anthony; Assali, Simone; Gao, Lu; Verheijen, Marcel A.; van Dam, Dick; Cui, Yingchao; Notten, Peter H. L.; Haverkort, Jos E. M.; Bakkers, Erik P. A. M.: *NATURE COMMUNICATIONS*, 2015, 6, -.
Okube, Maki; Petrykin, Valery; Mueller, Jonathan E.; Fantauzzi, Donato; Krtil, Petr; Jacob, Timo: *CHEMELECTROCHEM*, 2014, 1, 207-212.
Zhang, Qin-Hao; Yang, Wei-Hua; Wang, Hong-Hui; Wang, Mei-Qing; Cai, Cheng-Jie: *ECS ELECTROCHEMISTRY LETTERS*, 2014, 3, F73-F75.
Mueller, Jonathan E.; Krtil, Petr; Kibler, Ludwig A.; Jacob, Timo: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2014, 16, 15029-15042.
Papaderakis, Athanasios; Pliatsikas, Nikolaos; Prochaska, Chara; Papazisi, Kalliopi M.; Balomenou, Stella P.; Tsiplakides, Dimitrios; Patsalas, Panagiotis; Sotiropoulos, Sotiris: *FRONTIERS IN CHEMISTRY*, 2014, 2, -.
Chantry, Ruth L.; Atanasov, Ivailo; Horswell, Sarah L.; Li, Z. Y.; Johnston, Roy L.: *GOLD CLUSTERS, COLLOIDS AND NANOPARTICLES II*, 2014, 162, 67-90.

57. Petrykin, V.; Macounová, K.; Okube, M.; Mukerjee, S.; Krtil, P.; Local structure of Co doped RuO_2 nanocrystalline electrocatalytic materials for chlorine and oxygen evolution. *Catalysis Today* **2013**, *202*, 63-69, Article. DOI: 10.1016/j.cattod.2012.03.075. IF=6.766, Počet citací: 52

Citováno v:
Liu, Xingxin; Song, Chol Nam; Zhang, Yuxin; Sha, Li; Li, Yiming; Zhang, Shuting: *SEPARATION AND PURIFICATION TECHNOLOGY*, 2021, 276, -.
Dong, Heng; Yu, Weilai; Hoffmann, Michael R.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 20745-20761.
Yu, Areum; Kim, Myung Hwa; Lee, Chongmok; Lee, Youngmi: *NANOSCALE*, 2021, 13, 13776-13785.
Wang, Yihan; Liu, Yangyang; Wiley, Dianne; Zhao, Shenlong; Tang, Zhiyong: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 18974-18993.
Pittkowski, Rebecca K.; Abbott, Daniel F.; Nebel, Roman; Divanis, Spyridon; Fabbri, Emiliana; Castelli, Ivano E.; Schmidt, Thomas J.; Rossmeisl, Jan; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2021, 366, -.
Exner, Kai S.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2020, 22, 22451-22458.
Gu, Xiang-Kui; Camayang, John Carl A.; Samira, Samji; Nikolla, Eranda: *JOURNAL OF CATALYSIS*, 2020, 388, 130-140.
Burnett, David L.; Petrucco, Enrico; Rigg, Katie M.; Zalitis, Christopher M.; Lok, Jamie G.; Kashtiban, Reza J.; Lees, Martin R.; Sharman, Jonathan D. B.; Walton, Richard I.: *CHEMISTRY OF MATERIALS*, 2020, 32, 6150-6160.

Nwanebu, Emmanuel Onyekachi; Yao, Yusong; Omanovic, Sasha: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2020, 865, -.
Gayen, Pralay; Saha, Sulay; Ramani, Vijay: *ACS APPLIED ENERGY MATERIALS*, 2020, 3, 3978-3983.
Goryachev, Andrey; Pascuzzi, Marco Etzi Coller; Carla, Francesco; Weber, Tim; Over, Herbert; Hensen, Emiel J. M.; Hofmann, Jan P.: *ELECTROCHIMICA ACTA*, 2020, 336, -.
McLeod, Lucy K.; Spikes, Geoffrey H.; Kashtiban, Reza J.; Walker, Marc; Chadwick, Alan, V; Sharman, Jonathan D. B.; Walton, Richard, I: *DALTON TRANSACTIONS*, 2020, 49, 2661-2670.
Zuo, Juan; Zhu, Junqiu; Zhang, Mingzhou; Hong, Qiming; Han, Jie; Liu, Jianfu: *APPLIED SURFACE SCIENCE*, 2020, 502, -.
Yu, Jie; He, Qijiao; Yang, Guangming; Zhou, Wei; Shao, Zongping; Ni, Meng: *ACS CATALYSIS*, 2019, 9, 9973-10011.
Abbott, Daniel F.; Pittkowski, Rebecca K.; Macounová, Katerina; Nebel, Roman; Marelli, Elena; Fabbri, Emiliana; Castelli, Ivano E.; Krtil, Petr; Schmidt, Thomas J.: *ACS APPLIED MATERIALS & INTERFACES*, 2019, 11, 37748-37760.
Vos, Johannes G.; Liu, Zhichao; Speck, Florian D.; Perini, Nickson; Fu, Wentian; Cherevko, Serhiy; Koper, Marc T. M.: *ACS CATALYSIS*, 2019, 9, 8561-8574.
Silva, R. C.; Gouveia, A. F.; Sczancoski, J. C.; Santos, R. S.; Sa, J. L. S.; Longo, E.; Cavalcante, L. S.: *ELECTRONIC MATERIALS LETTERS*, 2019, 15, 645-653.
Reksten, Anita Hamar; Russell, Andrea E.; Richardson, Peter W.; Thompson, Stephen J.; Mathisen, Karina; Seland, Frode; Sunde, Svein: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2019, 21, 12217-12230.
Han, Jisu; An, Hyung Jun; Kim, Tae-Wan; Lee, Kwan-Young; Kim, Hyung Ju; Kim, Youngmin; Chae, Ho-Jeong: *CATALYSTS*, 2019, 9, -.
Kumar, Amit; Phillips, Katherine R.; Cai, Janny; Schroeder, Uwe; Lienhard, John H.: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2019, 58, 6502-6511.
Kumar, Amit; Phillips, Katherine R.; Thiel, Gregory P.; Schroeder, Uwe; Lienhard, John H.: *NATURE CATALYSIS*, 2019, 2, 106-113.
Macounová, Katerina Minhova; Simic, Nina; Ahlberg, Elisabet; Krtil, Petr: *ELECTROCATALYSIS*, 2019, 10, 45-55.
Pittkowski, Rebecca; Krtil, Petr; Rossmeisl, Jan: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 12, 218-224.
Kishor, Koshal; Saha, Sulay; Parashtekar, Alhad; Pala, Raj Ganesh S.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2018, 165, J3276-J3280.
Zhu, Xianglin; Wang, Peng; Wang, Zeyan; Liu, Yuanyuan; Zheng, Zhaoke; Zhang, Qianqian; Zhang, Xiaoyang; Dai, Ying; Whangbo, Myung-Hwan; Huang, Baibiao: *JOURNAL OF MATERIALS CHEMISTRY A*, 2018, 6, 12718-12723.
Vos, J. G.; Koper, M. T. M.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2018, 819, 260-268.
Saha, Sulay; Kishor, Koshal; Pala, Raj Ganesh S.: *CATALYSIS SCIENCE & TECHNOLOGY*, 2018, 8, 878-886.
Bao Xiaoyang; Bao Jiqing: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2018, 165, H177-H182.
Saha, S.; Kishor, K.; Pala, R. G. S.: *INDUSTRIAL ELECTROCHEMISTRY AND ELECTROCHEMICAL ENGINEERING GENERAL SESSION*, 2018, 85, 3-11.
Zhang, Jian; Wang, Gang; Liao, Zhongquan; Zhang, Panpan; Wang, Faxing; Zhuang, Xiaodong; Zschech, Ehrenfried; Feng, Xinliang: *NANO ENERGY*, 2017, 40, 27-33.
Eftekhari, Ali: *MATERIALS TODAY CHEMISTRY*, 2017, 4, 117-132.
Tran Le Luu; Kim, Choonsoo; Kim, Seonghwan; Kim, Jiye; Yoon, Jeyong: *DESALINATION AND WATER TREATMENT*, 2017, 77, 94-104.
Carrillo-Abad, J.; Garcia-Gabaldon, M.; Perez-Herranz, V.: *SEPARATION AND PURIFICATION TECHNOLOGY*, 2017, 177, 21-28.
Frydendal, Rasmus; Seitz, Linsey C.; Sokaras, Dimosthenis; Weng, Tsu-Chien; Nordlund, Dennis; Chorkendorff, Ib; Stephens, Ifan E. L.; Jaramillo, Thomas F.: *ELECTROCHIMICA ACTA*, 2017, 230, 22-28.
Reier, Tobias; Nong, Hong Nhan; Teschner, Detre; Schloegl, Robert; Strasser, Peter: *ADVANCED ENERGY MATERIALS*, 2017, 7, -.
Saha, Sulay; Kishor, Koshal; Sivakumar, Sri; Pala, Raj Ganesh S.: *JOURNAL OF THE INDIAN INSTITUTE OF SCIENCE*, 2016, 96, 325-349.
Xiong, Kun; Peng, Lishan; Wang, Yao; Liu, Linghui; Deng, Zihua; Li, Li; Wei, Zidong: *JOURNAL OF APPLIED ELECTROCHEMISTRY*, 2016, 46, 841-849.
Zhu Yu-Chan; Yuan Min; Zhang Huan; Wang Le; Quan Shan-Shan; Chai Bo; Ren Zhan-Dong: *JOURNAL OF INORGANIC MATERIALS*, 2016, 31, 510-516.
Paoli, Elisa Antares; Masini, Federico; Frydendal, Rasmus; Deiana, Davide; Malacrida, Paolo; Hansen, Thomas W.; Chorkendorff, Ib; Stephens, Ifan E. L.: *CATALYSIS TODAY*, 2016, 262, 57-64.
Karlsson, Rasmus K. B.; Cornell, Ann: *CHEMICAL REVIEWS*, 2016, 116, 2982-3028.
Chandran, Dhanya; Nair, Lakshmi S.; Balachandran, S.; Babu, K. Rajendra; Deepa, M.: *JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY*, 2015, 76, 582-591.
Kishor, Koshal; Saha, Sulay; Gupta, Manish Kumar; Bajpai, Anshumaan; Chatterjee, Moitrayee; Sivakumar, Sri; Pala, Raj Ganesh S.: *CHEMELECTROCHEM*, 2015, 2, 1839-1846.
Karlsson, Rasmus K. B.; Cornell, Ann; Pettersson, Lars G. M.: *ELECTROCHIMICA ACTA*, 2015, 180, 514-527.
Luu, Tran Le; Kim, Choonsoo; Kim, Jiye; Kim, Seonghwan; Yoon, Jeyong: *BULLETIN OF THE KOREAN CHEMICAL SOCIETY*, 2015, 36, 1411-1417.
Kuznetsova, Elizaveta; Petrykin, Valery; Sunde, Svein; Krtil, Petr: *ELECTROCATALYSIS*, 2015, 6, 198-210.

Abbott, Daniel F.; Petrykin, Valery; Okube, Maki; Bastl, Zdenk; Mukerjee, Sanjeev; Krtil, Petr: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2015, 162, H23-H31.
Ren, Zhandong; Quan, Shanshan; Gao, Jie; Li, Wenyang; Zhu, Yuchan; Liu, Ye; Chai, Bo; Wang, Yourong: *RSC ADVANCES*, 2015, 5, 8778-8786.
Paoli, Elisa A.; Masini, Federico; Frydendal, Rasmus; Deiana, Davide; Schlaup, Christian; Malizia, Mauro; Hansen, Thomas W.; Horch, Sebastian; Stephens, Ifan E. L.; Chorkendorff, Ib: *CHEMICAL SCIENCE*, 2015, 6, 190-196.
Abbott, Daniel F.; Mukerjee, Sanjeev; Petrykin, Valery; Bastl, Zdenek; Halck, Niels Bendtsen; Rossmeisl, Jan; Krtil, Petr: *RSC ADVANCES*, 2015, 5, 1235-1243.
Gonzalez-Huerta, R. G.; Ramos-Sanchez, G.; Balbuena, P. B.: *JOURNAL OF POWER SOURCES*, 2014, 268, 69-76.
Halck, Niels Bendtsen; Petrykin, Valery; Krtil, Petr; Rossmeisl, Jan: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2014, 16, 13682-13688.
Risch, Marcel; Klingan, Katharina; Zaharieva, Ivelina; Dau, Holger: *MOLECULAR WATER OXIDATION CATALYSIS: A KEY TOPIC FOR NEW SUSTAINABLE ENERGY CONVERSION SCHEMES*, 2014, 0, 163-185.

58. Samec, Z.; Krtil, P.; Special Issue ELECTROCHEMISTRY FOR ADVANCED MATERIALS, TECHNOLOGIES AND INSTRUMENTATION Foreword. *Electrochimica Acta* **2013**, *110*, 1-3. DOI: 10.1016/j.electacta.2013.07.045. IF= 6.901, Počet citací: 0

59. Frydendal, R.; Busch, M.; Halck, N., Bendtsen; Krtil, P.; Chorkendorff, I.; Rossmeisl, J.; Enhancing Activity for the Oxygen Evolution Reaction: The Beneficial Interaction of Gold with Manganese and Cobalt Oxides. *ChemCatChem* **2014**. DOI: 10.1002/cctc.201402756. IF= 5.686, Počet citací: 92

Citováno v:
Babar, Noor-Ul-Ain; Hussain, Fayyaz; Ashiq, Muhammad Naeem; Joya, Khurram Saleem: *ACS APPLIED ENERGY MATERIALS*, 2021, 4, 8953-8968.
Verma, Anand M.; Honkala, Karoliina; Melander, Marko M.: *FRONTIERS IN ENERGY RESEARCH*, 2021, 8, -.
Jin, Rongchao; Li, Gao; Sharma, Sachil; Li, Yingwei; Du, Xiangsha: *CHEMICAL REVIEWS*, 2021, 121, 567-648.
Stumm, Corinna; Bertram, Manon; Kastenmeier, Maximilian; Speck, Florian D.; Sun, Zhaozong; Rodriguez-Fernandez, Jonathan; Lauritsen, Jeppe, V; Mayrhofer, Karl J. J.; Cherevko, Serhiy; Brummel, Olaf; Libuda, Joerg: *ADVANCED FUNCTIONAL MATERIALS*, 2021, 31, -.
Alessandri, Ivano; Vassalini, Irene: *CATALYSTS*, 2021, 11, -.
Yang, Shengxiang; Hetterscheid, Dennis G. H.: *ACS CATALYSIS*, 2020, 10, 12582-12589.
Deng, Xingyi; Sorescu, Dan C.; Waluyo, Iradwikanari; Hunt, Adrian; Kauffman, Douglas R.: *ACS CATALYSIS*, 2020, 10, 11768-11778.
Bigiani, Lorenzo; Gasparotto, Alberto; Andreu, Teresa; Verbeeck, Johan; Sada, Cinzia; Modin, Evgeny; Lebedev, Oleg I.; Morante, Juan Ramon; Barreca, Davide; Maccato, Chiara: *ADVANCED SUSTAINABLE SYSTEMS*, 2020, , -.
Bigiani, Lorenzo; Andreu, Teresa; Maccato, Chiara; Fois, Ettore; Gasparotto, Alberto; Sada, Cinzia; Tabacchi, Gloria; Krishnan, Dileep; Verbeeck, Johan; Ramon Morante, Juan; Barreca, Davide: *JOURNAL OF MATERIALS CHEMISTRY A*, 2020, 8, 16902-16907.
Younus, H. A.; Vandichel, M.; Ahmad, N.; Ahlberg, E.; Busch, M.; Verpoort, F.: *MATERIALS TODAY ENERGY*, 2020, 17, -.
Wang, Xixi; Ge, Lei; Lu, Qian; Dai, Jie; Guan, Daqin; Ran, Ran; Weng, Shih-Chang; Hu, Zhiwei; Zhou, Wei; Shao, Zongping: *JOURNAL OF POWER SOURCES*, 2020, 468, -.
Valter, Mikael; dos Santos, Egon Campos; Pettersson, Lars G. M.; Hellman, Anders: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2020, 124, 17907-17915.
Park, Sunghak; Lee, Yoon Ho; Choi, Seungwoo; Seo, Hongmin; Lee, Moo Young; Balamurugan, Mani; Nam, Ki Tae: *ENERGY & ENVIRONMENTAL SCIENCE*, 2020, 13, 2310-2340.
Vandichel, Matthias; Laasonen, Kari; Kondov, Ivan: *TOPICS IN CATALYSIS*, 2020, 63, 833-845.
Moysiadou, Aliki; Lee, Seunghwa; Hsu, Chia-Shuo; Chen, Hao Ming; Hu, Xile: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2020, 142, 11901-11914.
Bu, Xiuming; Li, Yanguang; Ho, Johnny C.: *MRS BULLETIN*, 2020, 45, 531-538.
Song, Jiajia; Wei, Chao; Huang, Zhen-Feng; Liu, Chuntai; Zeng, Lin; Wang, Xin; Xu, Zhichuan J.: *CHEMICAL SOCIETY REVIEWS*, 2020, 49, 2196-2214.
Divanis, Spyridon; Kutlusoy, Tugce; Boye, Ida Marie Ingmer; Man, Isabela Costinela; Rossmeisl, Jan: *CHEMICAL SCIENCE*, 2020, 11, 2943-2950.
Vandichel, Matthias; Busch, Michael; Laasonen, Kari: *CHEMCATCHEM*, 2020, 12, 1436-1442.
Zhang, Yan; Wang, Xiuxiu; Luo, Fenqiang; Tan, Yang; Zeng, Lingxing; Fang, Baizeng; Liu, Aihua: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2019, 256, -.
Yin, Hai-Jing; Zhou, Jun-Hao; Zhang, Ya-Wen: *INORGANIC CHEMISTRY FRONTIERS*, 2019, 6, 2582-2618.
Gupta, Prashant Kumar; Bhandari, Arihant; Saha, Sulay; Bhattacharya, Jishnu; Pala, Raj Ganesh S.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 22345-22357.
Youk, Sol; Hwang, Jongkook; Lee, Seonggyu; Kim, Min Su; Lee, Jinwoo: *SMALL METHODS*, 2019, 3, -.

Enman, Lisa J.; Vise, Ashlee E.; Stevens, Michaela Burke; Boettcher, Shannon W.: *CHEMPHYSCHEM*, 2019, 20, 3089-3095.
Dickens, Colin F.; Kirk, Charlotte; Norskov, Jens K.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 18960-18977.
Zhang, Jian; Zhang, Qiuyu; Feng, Xinliang: *ADVANCED MATERIALS*, 2019, 31, -.
Gu, Lingli; Zeng, Yiqiang; Feng, Yina; Jiang, Wu; Ji, Weijie; Arandiyan, Hamidreza; Au, Chak-Tong: *CHEMCATCHEM*, 2019, 11, 2926-2935.
Kauffman, Douglas R.; Deng, Xingyi; Sorescu, Dan C.; Thuy-Duong Nguyen-Phan; Wang, Congjun; Marin, Chris M.; Stavitski, Eli; Waluyo, Iradwikanari; Hunt, Adrian: *ACS CATALYSIS*, 2019, 9, 5375-5382.
Cao, Xi; Zhang, Xueqing; Sinha, Rochan; Tao, Shuxia; Bieberle-Hutter, Anja: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2019, 21, 9531-9537.
Govindarajan, Nitish; Koper, Marc T. M.; Meijer, Evert Jan; Calle-Vallejo, Federico: *ACS CATALYSIS*, 2019, 9, 4218-4225.
George, Kiran; van Berkel, Matthijs; Zhang, Xueqing; Sinha, Rochan; Bieberle-Huller, Anja: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 9981-9992.
Song, Fang; Busch, Michael M.; Lassalle-Kaiser, Benedikt; Hsu, Chia-Shuo; Petkucheva, Elitsa; Bensimon, Michael; Chen, Hao Ming; Corminboeuf, Clemence; Hu, Xile: *ACS CENTRAL SCIENCE*, 2019, 5, 558-568.
Gao, Zhi-Wen; Liu, Jie-Yu; Chen, Xue-Min; Zheng, Xue-Li; Mao, Jing; Liu, Hui; Ma, Tian; Li, Lan; Wang, Wei-Chao; Du, Xi-Wen: *ADVANCED MATERIALS*, 2019, 31, -.
Das, Tisita; Chakraborty, Sudip; Ahuja, Rajeev; Das, Gour P.: *CHEMPHYSCHEM*, 2019, 20, 608-617.
Rodriguez-Fernandez, Jonathan; Sun, Zhaozong; Zhang, Liang; Tan, Ting; Curto, Anthony; Fester, Jakob; Vojvodic, Aleksandra; Lauritsen, Jeppe V.: *JOURNAL OF CHEMICAL PHYSICS*, 2019, 150, -.
Hu, Kang; Zhou, Jiahui; Yi, Zixiao; Ye, Chenlu; Dong, Hanying; Yan, Kai: *APPLIED SURFACE SCIENCE*, 2019, 465, 351-356.
Pittkowski, Rebecca; Krtil, Petr; Rossmeisl, Jan: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 12, 218-224.
Murdachaew, Garold; Laasonen, Kari: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 25882-25892.
Fester, Jakob; Makoveev, Anton; Grumelli, Doris; Gutzler, Rico; Sun, Zhaozong; Rodriguez-Fernandez, Jonathan; Kern, Klaus; Lauritsen, Jeppe V.: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2018, 57, 11893-11897.
Roy, Claudie; Rao, Reshma R.; Stoerzinger, Kelsey A.; Hwang, Jonathan; Rossmeisl, Jan; Chorkendorff, Ib; Shao-Horn, Yang; Stephens, Ifan E. L.: *ACS ENERGY LETTERS*, 2018, 3, 2045-2051.
Larses, Patrik; Gomes, Adriano S. O.; Ahlberg, Elisabet; Busch, Michael: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2018, 819, 114-122.
Busch, Michael; Fabrizio, Alberto; Luber, Sandra; Hutter, Jurg; Corminboeuf, Clemence: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 12404-12412.
Busch, Michael: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 9, 278-284.
Valter, Mikael; Busch, Michael; Wickman, Bjorn; Gronbeck, Henrik; Baltrusaitis, Jonas; Hellman, Anders: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 10489-10494.
Sivanantham, Arumugam; Ganesan, Pandian; Estevez, Luis; McGrail, B. Peter; Motkuri, Radha Kishan; Shanmugam, Sangaraju: *ADVANCED ENERGY MATERIALS*, 2018, 8, -.
Li, Ying; Lu, Xuefeng; Li, Yunfang; Zhang, Xueqing: *PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES*, 2018, 99, 1-5.
Schilling, Mauro; Luber, Sandra: *FRONTIERS IN CHEMISTRY*, 2018, 6, -.
Liu, Yuqian; Niu, Zhijuan; Lu, Yiran; Zhang, Lin; Yan, Kai: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2018, 735, 654-659.
Busch, Michael; Mehar, Vikram; Merte, Lindsay R.; Shipilin, Mikhail; Lundgren, Edvin; Weaver, Jason F.; Gronbeck, Henrik: *CHEMICAL PHYSICS LETTERS*, 2018, 693, 84-87.
Fester, Jakob; Sun, Zhaozong; Rodriguez-Fernandez, Jonathan; Walton, Alex; Lauritsen, Jeppe V.: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2018, 122, 561-571.
Busch, Michael; Wang, Richard Baochang; Hellman, Anders; Rossmeisl, Jan; Gronbeck, Henrik: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 216-226.
Zhou, Zhen-Hua; Sun, Wei; Zaman, Waqas Qamar; Cao, Li-Mei; Yang, Ji: *CHEMICAL ENGINEERING COMMUNICATIONS*, 2018, 205, 966-974.
Kang, Kyoung Eun; Kim, Chi Ho; Lee, Myung Sup; Jung, Chang Wook; Kim, Yang Do; Lee, Jae Ho: *JOURNAL OF THE KOREAN PHYSICAL SOCIETY*, 2018, 72, 52-56.
Zhang, Xueqing; Cao, Chonglong; Bieberle-Hutter, Anja: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2017, 19, 31300-31305.
Islam, Dewan Azharul; Barman, Koushik; Jasimuddin, Sk; Acharya, Himadri: *CHEMELECTROCHEM*, 2017, 4, 3110-3118.
Strickler, Alaina L.; Escudero-Escribano, Maria; Jaramillo, Thomas F.: *NANO LETTERS*, 2017, 17, 6040-6046.
Tang, Miru; Ge, Qingfeng: *CHINESE JOURNAL OF CATALYSIS*, 2017, 38, 1621-1628.
Dickens, Colin F.; Norskov, Jens K.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2017, 121, 18516-18524.
Malara, Francesco; Carallo, Sonia; Rotunno, Enzo; Lazzarini, Laura; Piperopoulos, Elpida; Milone, Candida; Naldoni, Alberto: *ACS CATALYSIS*, 2017, 7, 4786-4795.
Vassalini, Irene; Borgese, Laura; Mariz, Michele; Polizzi, Stefano; Aquilanti, Giuliana; Ghigna, Paolo; Sartorel, Andrea; Amendola, Vincenzo; Alessandri, Ivano: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2017, 56, 6589-6593.
Shinagawa, Tatsuya; Takanabe, Kazuhiro: *CHEMSUSCHEM*, 2017, 10, 1318-1336.

Frydendal, Rasmus; Seitz, Linsey C.; Sokaras, Dimosthenis; Weng, Tsu-Chien; Nordlund, Dennis; Chorkendorff, Ib; Stephens, Ifan E. L.; Jaramillo, Thomas F.: *ELECTROCHIMICA ACTA*, 2017, 230, 22-28.
Younus, Hussein A.; Ahmad, Nazir; Chughtai, Adeel H.; Vandichel, Matthias; Busch, Michael; Van Hecke, Kristof; Yusubov, Mekhman; Song, Shaoxian; Verpoort, Francis: *CHEMSUSCHEM*, 2017, 10, 862-875.
Stevens, Michaela Burke; Enman, Lisa J.; Batchellor, Adam S.; Cosby, Monty R.; Vise, Ashlee E.; Trang, Christina D. M.; Boettcher, Shannon W.: *CHEMISTRY OF MATERIALS*, 2017, 29, 120-140.
Reier, Tobias; Nong, Hong Nhan; Teschner, Detre; Schloegl, Robert; Strasser, Peter: *ADVANCED ENERGY MATERIALS*, 2017, 7, -.
Zhang, Xueqing; Cao, Chonglong; Bieberle-Hutter, Anja: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2016, 120, 28694-28700.
Herranz, Juan; Durst, Julien; Fabbri, Emiliana; Patru, Alexandra; Cheng, Xi; Permyakova, Anastasia A.; Schmidt, Thomas J.: *NANO ENERGY*, 2016, 29, 4-28.
Busch, Michael; Halck, Niels B.; Kramm, Ulrike I.; Siahrostami, Samira; Krtil, Petr; Rossmeisl, Jan: *NANO ENERGY*, 2016, 29, 126-135.
Saha, Sulay; Kishor, Koshal; Sivakumar, Sri; Pala, Raj Ganesh S.: *JOURNAL OF THE INDIAN INSTITUTE OF SCIENCE*, 2016, 96, 325-349.
Zhou, Yue; Dong, Cun-Ku; Han, Li-Li; Yang, Jing; Du, Xi-Wen: *ACS CATALYSIS*, 2016, 6, 6699-6703.
Zhang, Xueqing; Klaver, Peter; van Santen, Rutger; van de Sanden, M. C. M.; Bieberle-Hutter, Anja: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2016, 120, 18201-18208.
Zhang, Xueqing; Bieberle-Hutter, Anja: *CHEMSUSCHEM*, 2016, 9, 1223-1242.
Ng, Jia Wei Desmond; Garcia-Melchor, Max; Bajdich, Michal; Chakthranont, Pongkarn; Kirk, Charlotte; Vojvodic, Aleksandra; Jaramillo, Thomas F.: *NATURE ENERGY*, 2016, 1, -.
Reikowski, Finn; Maroun, Fouad; Di, Nan; Allongue, Philippe; Ruge, Martin; Stettner, Jochim; Magnussen, Olaf M.: *ELECTROCHIMICA ACTA*, 2016, 197, 273-281.
Zhang, Jian-Hua; Feng, Jing-Ya; Zhu, Tao; Liu, Zi-Li; Li, Qing-Yu; Chen, Sheng-Zhou; Xu, Chang-Wei: *ELECTROCHIMICA ACTA*, 2016, 196, 661-669.
Bernicke, Michael; Eckhardt, Bjoern; Lippitz, Andreas; Ortel, Erik; Bernsmeier, Denis; Schmack, Roman; Kraehnert, Ralph: *CHEMISTRYSELECT*, 2016, 1, 482-489.
Lehtimaeki, Matti; Hoffmannová, Hana; Boytsova, Olga; Bastl, Zdenek; Busch, Michael; Halck, Niels Bendtsen; Rossmeisl, Jan; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2016, 191, 452-461.
Ejikeme, Paul M.; Makgopa, Katlego; Ozoemena, Kenneth I.: *NANOMATERIALS FOR FUEL CELL CATALYSIS*, 2016, , 517-550.
Ding, Tao; Wang, Wenliang; Zhou, Xiaoli; Zhang, Li; Wang, Chunde; Jiang, Jun; Yang, Weilai; Yang, Qing: *APL MATERIALS*, 2016, 4, -.
Kim, Hyeonghun; Kim, Youngmin; Noh, Yuseong; Kim, Won Bae: *DALTON TRANSACTIONS*, 2016, 45, 13686-13690.
Dresp, Soeren; Luo, Fang; Schmack, Roman; Kuehl, Stefanie; Gliech, Manuel; Strasser, Peter: *ENERGY & ENVIRONMENTAL SCIENCE*, 2016, 9, 2020-2024.
Kim, Jun; Kim, Ju Seong; Baik, Hionsuck; Kang, Kisuk; Lee, Kwangyeol: *RSC ADVANCES*, 2016, 6, 26535-26539.
Zou, Shihui; Burke, Michaela S.; Kast, Matthew G.; Fan, Jie; Danilovic, Nemanja; Boettcher, Shannon W.: *CHEMISTRY OF MATERIALS*, 2015, 27, 8011-8020.
Frydendal, Rasmus; Paoli, Elisa A.; Chorkendorff, Ib; Rossmeisl, Jan; Stephens, Ifan E. L.: *ADVANCED ENERGY MATERIALS*, 2015, 5, -.
Pasqualeti, Anielli M.; Oliveira, Francisca E. R.; Lima, Fabio H. B.: *JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY*, 2015, 26, 2171-2174.
Seitz, Linsey C.; Hersbach, Thomas J. P.; Nordlund, Dennis; Jaramillo, Thomas F.: *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2015, 6, 4178-4183.
Burke, Michaela S.; Zou, Shihui; Enman, Lisa J.; Kellon, Jaclyn E.; Gabor, Christian A.; Pledger, Erica; Boettcher, Shannon W.: *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2015, 6, 3737-3742.
Chen, Hua; Jiang, Guohua; Li, Lei; Liu, Yongkun; Huang, Qin; Jiang, Tengteng; Du, Xiangxiang: *BULLETIN OF MATERIALS SCIENCE*, 2015, 38, 1457-1463.
Zhang, Haojie; Lin, Chao; Du, Fuping; Zhao, Yonghui; Gao, Peng; Chen, Hao; Jiao, Zheng; Li, Xiaopeng; Zhao, Tiejun; Sun, Yuhan: *ACS SUSTAINABLE CHEMISTRY & ENGINEERING*, 2015, 3, 2049-2057.
Doyle, Andrew D.; Montoya, Joseph H.; Vojvodic, Aleksandra: *CHEMCATCHEM*, 2015, 7, 738-742.
Li, Nan; Xia, Wei-Yan; Wang, Jing; Liu, Zi-Li; Li, Qing-Yu; Chen, Sheng-Zhou; Xu, Chang-Wei; Lu, Xi-Hong: *JOURNAL OF MATERIALS CHEMISTRY A*, 2015, 3, 21308-21313.
Xu, Zhongnan; Kitchin, John R.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2015, 17, 28943-28949

60. Goransson, G.; Jirkovský, J. S.; Krtil, P.; Ahlberg, E.; Oxidation of propenol on nanostructured Ni and NiZn electrodes in alkaline solution. *Electrochimica Acta* **2014**, *139*, 345-355. DOI: 10.1016/j.electacta.2014.06.169 IF= 6.901, Počet citací: 5.

Citováno v:
Lourinho, G.; Santos, D. M. F.; Brito, P. S. D.: *JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING*, 2021, 9, -.
Winiwarter, Anna; Silvioli, Luca; Scott, Soren B.; Enemark-Rasmussen, Kasper; Saric, Manuel; Trimarco, Daniel B.; Vesborg, Peter C. K.; Moses, Poul G.; Stephens, Ifan E. L.; Seger, Brian; Rossmeisl, Jan; Chorkendorff, Ib: *ENERGY & ENVIRONMENTAL SCIENCE*, 2019, 12, 1055-1067.

Zhiani, Mohammad; Jalili, Fariba; Kamali, Saeedeh: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2017, 42, 26563-26574.
Sazavska, Tereza; Subrt, Jan; Jakubickova, Michaela; Peterka, Frantisek: *CHEMISTRY-DIDACTICS-ECOLOGY-METROLOGY*, 2015, 20, 113-122.
Souza, N. D. G.; Freire, R. M.; Cunha, A. P.; da Silva, M. A. S.; Mazzetto, S. E.; Sombra, A. S. B.; Denardin, J. C.; Ricardo, N. M. P. S.; Fechine, P. B. A.: *MATERIALS CHEMISTRY AND PHYSICS*, 2015, 156, 113-120.

61. Halck, N. B.; Petrykin, V.; Krtil, P.; Rossmeisl, J.; Beyond the volcano limitations in electrocatalysis - oxygen evolution reaction. *Physical Chemistry Chemical Physics* **2014**, *16* (27), 13682-13688. DOI: 10.1039/c4cp00571f. IF= 3.676, Počet citací: 198

Citováno v:
Meng, Zhe; Zhang, Bikun; Peng, Qiong; Yu, Yadong; Zhou, Jian; Sun, Zhimei: *APPLIED SURFACE SCIENCE*, 2021, 562, -.
Li, Hongdong; Lai, Jianping; Li, Zhenjiang; Wang, Lei: *ADVANCED FUNCTIONAL MATERIALS*, 2021, , -.
Divanis, Spyridon; Frandsen, Adrian Malthe; Kutlusoy, Tugce; Rossmeisl, Jan: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2021, 23, 19141-19145.
Lin, Xiaohang; Tian, Xuelei; Song, Lin; Hua, Minghao; Gross, Axel: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 17962-17970.
Duan, Zhiyao; Xiao, Penghao: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 15243-15250.
Over, Herbert: *ACS CATALYSIS*, 2021, 11, 8848-8871.
Naito, Takahiro; Shinagawa, Tatsuya; Nishimoto, Takeshi; Takanabe, Kazuhiro: *INORGANIC CHEMISTRY FRONTIERS*, 2021, 8, 2900-2917.
Karmodak, Naiwrit; Andreussi, Oliviero: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 10397-10405.
Saha, Sulay; Kishor, Koshal; Pala, Raj Ganesh S.: *CATALYSIS SCIENCE & TECHNOLOGY*, 2021, 11, 4342-+.
Peng, Yuman; Hajiyani, Hamidreza; Pentcheva, Rossitza: *ACS CATALYSIS*, 2021, 11, 5601-5613.
Ooka, Hideshi; Huang, Jun; Exner, Kai S.: *FRONTIERS IN ENERGY RESEARCH*, 2021, 9, -.
Zhang, Rongxian; Hu, Zhichen; Cheng, Shiqing; Ke, Wentao; Ning, Tianya; Wu, Jingbo; Fu, Xiaoqi; Zhu, Guoxing: *INORGANIC CHEMISTRY*, 2021, 60, 6721-6730.
Kwon, Taehyun; Kim, Taekyung; Son, Yunchang; Lee, Kwangyeol: *ADVANCED ENERGY MATERIALS*, 2021, 11, -.
Kim, Taekyung; Kim, Byeongyoon; Kwon, Taehyun; Kim, Ho Young; Kim, Jin Young; Lee, Kwangyeol: *MATERIALS CHEMISTRY FRONTIERS*, 2021, 5, 4445-4473.
An, Li; Wei, Chao; Lu, Min; Liu, Hanwen; Chen, Yubo; Scherer, Guenther G.; Fisher, Adrian C.; Xi, Pinxian; Xu, Zhichuan J.; Yan, Chun-Hua: *ADVANCED MATERIALS*, 2021, 33, -.
Annamalai, Abinaya; Shinde, Dipak V.; Buha, Joka; Marras, Sergio; Prato, Mirko; Lauciello, Simone; De Trizio, Luca; Manna, Liberato: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 10385-10392.
Li, Leigang; Wang, Pengtang; Shao, Qi; Huang, Xiaoqing: *ADVANCED MATERIALS*, 2021, , -.
Schuch, Jona; Klemenz, Sebastian; Schuldt, Patrick; Zieschang, Anne-Marie; Dolique, Stephanie; Connor, Paula; Kaiser, Bernhard; Kramm, Ulrike I.; Albert, Barbara; Jaegermann, Wolfram: *CHEMCATCHEM*, 2021, 13, 1772-1780.
Exner, Kai S.; Ivanova, Anela: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2021, 125, 2098-2104.
Ganesan, Vinoth; Son, Jihye; Kim, Jinkwon: *NANOSCALE*, 2021, 13, 4569-4575.
Yan, Liang; Zhang, Bing; Liu, Zhonggang; Zhu, Junlu: *CHEMICAL ENGINEERING JOURNAL*, 2021, 405, -.
Spori, Camillo; Falling, Lorenz J.; Kroschel, Matthias; Brand, Cornelius; Bonakdarpour, Arman; Kuhl, Stefanie; Berger, Dirk; Gliech, Manuel; Jones, Travis E.; Wilkinson, David P.; Strasser, Peter: *ACS APPLIED MATERIALS & INTERFACES*, 2021, 13, 3748-3761.
Zeradjanin, Aleksandar R.; Masa, Justus; Spanos, Ioannis; Schlogl, Robert: *FRONTIERS IN ENERGY RESEARCH*, 2021, 8, -.
Gyanprakash, Maurya D.; Gupta, Prashant Kumar; Sharma, Gyan Prakash; Pala, Raj Ganesh S.: *ELECTROCHIMICA ACTA*, 2021, 367, -.
Stumm, Corinna; Bertram, Manon; Kastenmeier, Maximilian; Speck, Florian D.; Sun, Zhaozong; Rodriguez-Fernandez, Jonathan; Lauritsen, Jeppe, V; Mayrhofer, Karl J. J.; Cherevko, Serhiy; Brummel, Olaf; Libuda, Joerg: *ADVANCED FUNCTIONAL MATERIALS*, 2021, 31, -.
Gono, Patrick; Pasquarello, Alfredo: *JOURNAL OF CHEMICAL PHYSICS*, 2021, 154, -.
Kim, Eom-Ji; Shin, Jaewook; Bak, Junu; Lee, Sang Jae; Kim, Ki hyun; Song, DongHoon; Roh, JeongHan; Lee, Yongju; Kim, HyoWon; Lee, Kug-Seung; Cho, EunAe: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2021, 280, -.
Zhou, Chuan; Yuan, Haiyang; Hu, P.; Wang, Haifeng: *CHEMICAL COMMUNICATIONS*, 2020, 56, 15201-15204.
Jin, Haneul; Ruqia, Bibi; Park, Yeji; Kim, Hee Jin; Oh, Hyung-Suk; Choi, Sang-Il; Lee, Kwangyeol: *ADVANCED ENERGY MATERIALS*, 2021, 11, -.
Bai, Lichen; Lee, Seunghwa; Hu, Xile: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2021, 60, 3095-3103.
Siwal, Samarjeet Singh; Yang, Wenqiang; Zhang, Qibo: *JOURNAL OF ENERGY CHEMISTRY*, 2020, 51, 113-133.
Wang, Hongsen; Abruna, Hector D.: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2020, 277, -.
Du, Peng; Hu, Kailong; Lyu, Juan; Li, Huanglong; Lin, Xi; Xie, Guoqiang; Liu, Xingjun; Ito, Yoshikazu; Qiu, Hua-Jun: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2020, 276, -.

Lee, Jooyoung; Kim, Geulhan; Yang, Juchan; Park, Yoo Sei; Jang, Myeong Je; Choi, Sung Mook: *JOURNAL OF THE KOREAN ELECTROCHEMICAL SOCIETY*, 2020, 23, 97-104.
Sequeira, Cesar A. C.: *MOLECULES*, 2020, 25, -.
Lin, Chong; Zhao, Wei; Yan, Xiaoran; Liu, Bin; Fang, Xiaozhen; Wang, Jinxin; Xia, Nannan; Tian, Jingyang: *APPLIED SURFACE SCIENCE*, 2020, 529, -.
Hao, Shaoyun; Liu, Min; Pan, Junjie; Liu, Xiangnan; Tan, Xiaoli; Xu, Nan; He, Yi; Lei, Lecheng; Zhang, Xingwang: *NATURE COMMUNICATIONS*, 2020, 11, -.
Exner, Kai S.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2020, 22, 22451-22458.
Miyahara, Yuto; Fukutsuka, Tomokazu; Abe, Takeshi; Miyazaki, Kohei: *CHEMISTRY OF MATERIALS*, 2020, 32, 8195-8202.
Wang, Jian; Kim, Juwon; Choi, Subin; Wang, Hongsheng; Lim, Jongwoo: *SMALL METHODS*, 2020, 4, -.
Younus, H. A.; Vandichel, M.; Ahmad, N.; Ahlberg, E.; Busch, M.; Verpoort, F.: *MATERIALS TODAY ENERGY*, 2020, 17, -.
Wang, Xixi; Ge, Lei; Lu, Qian; Dai, Jie; Guan, Daqin; Ran, Ran; Weng, Shih-Chang; Hu, Zhiwei; Zhou, Wei; Shao, Zongping: *JOURNAL OF POWER SOURCES*, 2020, 468, -.
Mani, Prabu; Sheelam, Anjaiah; Karthik, Pitchiah Esakki; Sankar, Raman; Ramanujam, Kothandaraman; Mandal, Sukhendu: *ACS APPLIED ENERGY MATERIALS*, 2020, 3, 6408-6415.
Hong, Yu-Rim; Kim, Kang Min; Ryu, Jeong Ho; Mhin, Sungwook; Kim, Jungin; Ali, Ghulam; Chung, Kyung Yoon; Kang, Sukhyun; Han, HyukSu: *ADVANCED FUNCTIONAL MATERIALS*, 2020, 30, -.
Lin, Chong; Xia, Nannan; Zhou, Si; Tian, Jingyang; Li, Huiqin: *INORGANIC CHEMISTRY*, 2020, 59, 10253-10261.
Liu, Huan; Li, Xiaoning; Peng, Cailing; Zhu, Liuyang; Zhang, Yuanxi; Cheng, Huiru; Cui, Jiameng; Wu, Qingmei; Zhang, Yingying; Chen, Zezhi; Zou, Wei; Wen, Gu; Huang, Haoliang; Wang, Jianlin; Ye, Bangjiao; Fu, Zhengping; Lu, Yalin: *JOURNAL OF MATERIALS CHEMISTRY A*, 2020, 8, 13150-13159.
Shi, Zhaoping; Wang, Xian; Ge, Junjie; Liu, Changpeng; Xing, Wei: *NANOSCALE*, 2020, 12, 13249-13275.
Wan, Hao; Jensen, Anders W.; Escudero-Escribano, Maria; Rossmeisl, Jan: *ACS CATALYSIS*, 2020, 10, 5979-5989.
Peng, Lishan; Wei, Zidong: *ENGINEERING*, 2020, 6, 653-679.
Rao, Reshma R.; Kolb, Manuel J.; Giordano, Livia; Pedersen, Anders Filsoe; Katayama, Yu; Hwang, Jonathan; Mehta, Apurva; You, Hoydoo; Lunger, Jaclyn R.; Zhou, Hua; Halck, Niels Bendtsen; Vegge, Tejs; Chorkendorff, Ib; Stephens, Ifan E. L.; Shao-Horn, Yang: *NATURE CATALYSIS*, 2020, 3, 516-525.
Zhao, Guoqiang; Li, Peng; Cheng, Ningyan; Dou, Shi Xue; Sun, Wenping: *ADVANCED MATERIALS*, 2020, 32, -.
Su, Hai-Yan; Ma, Xiufang; Sun, Keju; Sun, Chenghua; Xu, Yongjun; Calle-Vallejo, Federico: *CHEMICAL SCIENCE*, 2020, 11, 4119-4124.
Yu, Yadong; Zhou, Jian; Sun, Zhimei: *ADVANCED FUNCTIONAL MATERIALS*, 2020, 30, -.
Kim, Ye Ji; Lee, Gyu Rac; Cho, Eugene N.; Jung, Yeon Sik: *ADVANCED MATERIALS*, 2020, 32, -.
Song, Jiajia; Wei, Chao; Huang, Zhen-Feng; Liu, Chuntai; Zeng, Lin; Wang, Xin; Xu, Zhichuan J.: *CHEMICAL SOCIETY REVIEWS*, 2020, 49, 2196-2214.
Hajiyani, Hamidreza; Pentcheva, Rossitza: *JOURNAL OF CHEMICAL PHYSICS*, 2020, 152, -.
Divanis, Spyridon; Kutlusoy, Tugce; Boye, Ida Marie Ingmer; Man, Isabela Costinela; Rossmeisl, Jan: *CHEMICAL SCIENCE*, 2020, 11, 2943-2950.
Exner, Kai S.: *CHEMCATCHEM*, 2020, 12, 2000-2003.
Exner, Kai S.: *ELECTROCHIMICA ACTA*, 2020, 334, -.
Exner, Kai S.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2020, 124, 822-828.
Vandichel, Matthias; Busch, Michael; Laasonen, Kari: *CHEMCATCHEM*, 2020, 12, 1436-1442.
Chaliha, Chayanika; Kalita, Eeshan: *SUSTAINABLE AMMONIA PRODUCTION*, 2020, , 107-122.
Bystron, T.; Paidar, M.; Klicpera, T.; Schuster, M.; Bouzek, K.: *ELECTROCHEMICAL METHODS FOR HYDROGEN PRODUCTION*, 2020, 25, 59-93.
Huang, Zhen-Feng; Song, Jiajia; Dou, Shuo; Li, Xiaogang; Wang, Jiong; Wang, Xin: *MATTER*, 2019, 1, 1494-1518.
Shan, Jieqiong; Zheng, Yao; Shi, Bingyang; Davey, Kenneth; Qiao, Shi-Zhang: *ACS ENERGY LETTERS*, 2019, 4, 2719-2730.
Exner, Kai S.: *ACS APPLIED ENERGY MATERIALS*, 2019, 2, 7991-8001.
Perez-Ramirez, Javier; Lopez, Nuria: *NATURE CATALYSIS*, 2019, 2, 971-976.
Yu, Jie; He, Qijiao; Yang, Guangming; Zhou, Wei; Shao, Zongping; Ni, Meng: *ACS CATALYSIS*, 2019, 9, 9973-10011.
Gupta, Prashant Kumar; Bhandari, Arihant; Saha, Sulay; Bhattacharya, Jishnu; Pala, Raj Ganesh S.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 22345-22357.
Youk, Sol; Hwang, Jongkook; Lee, Seonggyu; Kim, Min Su; Lee, Jinwoo: *SMALL METHODS*, 2019, 3, -.
Aiyappa, Harshitha Barike; Masa, Justus; Andronescu, Corina; Muhler, Martin; Fischer, Roland A.; Schuhmann, Wolfgang: *SMALL METHODS*, 2019, 3, -.
Dickens, Colin F.; Kirk, Charlotte; Norskov, Jens K.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 18960-18977.
Spoeri, Camillo; Briois, Pascal; Hong Nhan Nong; Reier, Tobias; Billard, Alain; Kuehl, Stefanie; Teschner, Detre; Strasser, Peter: *ACS CATALYSIS*, 2019, 9, 6653-6663.
Exner, Kai S.; Over, Herbert: *ACS CATALYSIS*, 2019, 9, 6755-6765.
Exner, Kai S.: *CHEMELECTROCHEM*, 2019, 6, 3401-3409.
Reksten, Anita Hamar; Russell, Andrea E.; Richardson, Peter W.; Thompson, Stephen J.; Mathisen, Karina; Seland, Frode; Sunde, Svein: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2019, 21, 12217-12230.

Exner, Kai S.: *CHEMSUSCHEM*, 2019, 12, 2330-2344.
Cao, Zhengmao; Jiang, Zhongwei; Li, Yang; Huang, Chengzhi; Li, Yuanfang: *CHEMSUSCHEM*, 2019, 12, 2480-2486.
Ning, Jinliang; Furness, James W.; Zhang, Yubo; Thenuwara, Akila C.; Remsing, Richard C.; Klein, Michael L.; Strongin, Daniel R.; Sun, Jianwei: *JOURNAL OF CATALYSIS*, 2019, 374, 143-149.
Qiu, Hua-Jun; Du, Peng; Hu, Kailong; Gao, Jiaojiao; Li, Huanglong; Liu, Pan; Ina, Toshiaki; Ohara, Koji; Ito, Yoshikazu; Chen, Mingwei: *ADVANCED MATERIALS*, 2019, 31, -.
Nebel, Roman; Macounová, Katerina Minhova; Tarabkova, Hana; Kavan, Ladislav; Krtil, Petr: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 10857-10867.
Chatti, Manjunath; Gardiner, James L.; Fournier, Maxime; Johannessen, Bernt; Williams, Tim; Gengenbach, Thomas R.; Pai, Narendra; Cuong Nguyen; MacFarlane, Douglas R.; Hocking, Rosalie K.; Simonov, Alexandr N.: *NATURE CATALYSIS*, 2019, 2, 457-465.
Govindarajan, Nitish; Koper, Marc T. M.; Meijer, Evert Jan; Calle-Vallejo, Federico: *ACS CATALYSIS*, 2019, 9, 4218-4225.
Cao, Xi; Johnson, Emily; Nath, Manashi: *JOURNAL OF MATERIALS CHEMISTRY A*, 2019, 7, 9877-9889.
Shan, Jieqiong; Ling, Tao; Davey, Kenneth; Zheng, Yao; Qiao, Shi-Zhang: *ADVANCED MATERIALS*, 2019, 31, -.
Song, Fang; Busch, Michael M.; Lassalle-Kaiser, Benedikt; Hsu, Chia-Shuo; Petkucheva, Elitsa; Bensimon, Michael; Chen, Hao Ming; Corminboeuf, Clemence; Hu, Xile: *ACS CENTRAL SCIENCE*, 2019, 5, 558-568.
Gao, Zhi-Wen; Liu, Jie-Yu; Chen, Xue-Min; Zheng, Xue-Li; Mao, Jing; Liu, Hui; Ma, Tian; Li, Lan; Wang, Wei-Chao; Du, Xi-Wen: *ADVANCED MATERIALS*, 2019, 31, -.
Long, X.; Qiu, W.; Wang, Z.; Wang, Y.; Yang, S.: *MATERIALS TODAY CHEMISTRY*, 2019, 11, 16-28.
Houchins, Gregory; Krishnamurthy, Dilip; Viswanathan, Venkatasubramanian: *MRS BULLETIN*, 2019, 44, 204-213.
Kishore, Ravi; Cao, Xi; Zhang, Xueqing; Bieberle-Hutter, Anja: *CATALYSIS TODAY*, 2019, 321, 94-99.
Krishnamurthy, Dilip; Sumaria, Vaidish; Viswanathan, Venkatasubramanian: *JOURNAL OF CHEMICAL PHYSICS*, 2019, 150, -.
Li, Ruiqi; Liu, Yuqian; Li, Haobo; Zhang, Man; Lu, Yiran; Zhang, Lin; Xiao, Jianping; Boehm, Frank; Yan, Kai: *SMALL METHODS*, 2019, 3, -.
Haschke, Sandra; Pankin, Dmitrii; Mikhailovskii, Vladimir; Barr, Maissa K. S.; Both-Engel, Adriana; Manshina, Alina; Bachmann, Julien: *BEILSTEIN JOURNAL OF NANOTECHNOLOGY*, 2019, 10, 157-167.
Wan, Hao; Ostergaard, Thomas Mandal; Arnarson, Logi; Rossmeisl, Jan: *ACS SUSTAINABLE CHEMISTRY & ENGINEERING*, 2019, 7, 611-617.
Oh, Aram; Kim, Ho Young; Baik, Hionsuck; Kim, Byeongyoon; Chaudhari, Nitin Kaduba; Joo, Sang Hoon; Lee, Kwangyeol: *ADVANCED MATERIALS*, 2019, 31, -.
Samantara, Aneeya Kumar; Ratha, Satyajit: *METAL OXIDES/CHALCOGENIDES AND COMPOSITES: EMERGING MATERIALS FOR ELECTROCHEMICAL WATER SPLITTING*, 2019, , 11-29.
Macounová, Katerina Minhova; Simic, Nina; Ahlberg, Elisabet; Krtil, Petr: *ELECTROCATALYSIS*, 2019, 10, 45-55.
Kim, Byunghoon; Park, Inchul; Yoon, Gabin; Kim, Ju Seong; Kim, Hyunah; Kang, Kisuk: *ADVANCED SCIENCE*, 2018, 5, -.
Hajiyani, Hamidreza; Pentcheva, Rossitza: *ACS CATALYSIS*, 2018, 8, 11773-11782.
Pittkowski, Rebecca; Krtil, Petr; Rossmeisl, Jan: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 12, 218-224.
Mondal, Aniruddha; Paul, Anirban; Srivastava, Divesh N.; Panda, Asit B.: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2018, 43, 21665-21674.
Wang, Jinsong; Liu, Jia; Zhang, Bao; Cheng, Feng; Ruan, Yunjun; Ji, Xiao; Xu, Kui; Chen, Chi; Miao, Ling; Jiang, Jianjun: *NANO ENERGY*, 2018, 53, 144-151.
Ouhbi, Hassan; Aschauer, Ulrich: *SURFACE SCIENCE*, 2018, 677, 258-263.
Godinez-Salomon, Fernando; Albiter, Luis; Alia, Shaun M.; Pivovar, Bryan S.; Camacho-Forero, Luis E.; Balbuena, Perla B.; Mendoza-Cruz, Ruben; Arellano-Jimenez, M. Josefina; Rhodes, Christopher P.: *ACS CATALYSIS*, 2018, 8, 10498-10520.
Li, Jingde; Liu, Guihua; Fu, Jing; Jiang, Gaopeng; Luo, Dan; Hassan, Fathy M.; Zhang, Jing; Deng, Ya-Ping; Xu, Pan; Ricardez-Sandoval, Luis; Chen, Zhongwei: *JOURNAL OF CATALYSIS*, 2018, 367, 43-52.
Lee, Minoh; Oh, Hyung-Suk; Cho, Min Kyung; Ahn, Jae-Pyoung; Hwang, Yun Jeong; Min, Byoung Koun: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2018, 233, 130-135.
Sumaria, Vaidish; Krishnamurthy, Dilip; Viswanathan, Venkatasubramanian: *ACS CATALYSIS*, 2018, 8, 9034-9042.
Cheng, Xi; Fabbri, Emiliana; Yamashita, Yuya; Castelli, Ivano E.; Kim, Baejung; Uchida, Makoto; Haumont, Raphael; Puente-Orench, Ines; Schmidt, Thomas J.: *ACS CATALYSIS*, 2018, 8, 9567-9578.
Fabbri, Emiliana; Schmidt, Thomas J.: *ACS CATALYSIS*, 2018, 8, 9765-9774.
Joo, Jinwhan; Jin, Haneul; Oh, Aram; Kim, Byeongyoon; Lee, Jaeyoung; Baik, Hionsuck; Joo, Sang Hoon; Lee, Kwangyeol: *JOURNAL OF MATERIALS CHEMISTRY A*, 2018, 6, 16130-16138.
Debata, Suryakanti; Patra, Santanu; Banerjee, Sanchari; Madhuri, Rashmi; Sharma, Prashant K.: *APPLIED SURFACE SCIENCE*, 2018, 449, 203-212.
Ooka, Hideshi; Hashimoto, Kazuhito; Nakamura, Ryuhei: *MOLECULAR INFORMATICS*, 2018, 37, -.
Song, Fang; Bai, Lichen; Moysiadou, Aliki; Lee, Seunghwa; Hu, Chao; Liardet, Laurent; Hu, Xile: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2018, 140, 7748-7759.
Busch, Michael; Fabrizio, Alberto; Luber, Sandra; Hutter, Jurg; Corminboeuf, Clemence: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 12404-12412.

Busch, Michael: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 9, 278-284.
Falivene, Laura; Kozlov, Sergey M.; Cavallo, Luigi: *ACS CATALYSIS*, 2018, 8, 5637-5656.
Wang, Wenguo; Babu, Dickson D.; Huang, Yiyin; Lv, Jiangquan; Wang, Yaobing; Wu, Maoxiang: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2018, 43, 10351-10358.
Xu, Junyuan; Li, Junjie; Xiong, Dehua; Zhang, Bingsen; Liu, Yuefeng; Wu, Kuang-Hsu; Amorim, Isilda; Li, Wei; Liu, Lifeng: *CHEMICAL SCIENCE*, 2018, 9, 3470-3476.
Kulkarni, Ambarish; Siahrostami, Samira; Patel, Anjli; Norskov, Jens K.: *CHEMICAL REVIEWS*, 2018, 118, 2302-2312.
Govindarajan, Nitish; Garcia-Lastra, Juan M.; Meijer, Evert Jan; Calle-Vallejo, Federico: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 8, 110-117.
Krishnamurthy, Dilip; Sumaria, Vaidish; Viswanathan, Venkatasubramanian: *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2018, 9, 588-595.
Busch, Michael; Wang, Richard Baochang; Hellman, Anders; Rossmeisl, Jan; Gronbeck, Henrik: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 216-226.
Zhou, Zhen-Hua; Sun, Wei; Zaman, Waqas Qamar; Cao, Li-Mei; Yang, Ji: *CHEMICAL ENGINEERING COMMUNICATIONS*, 2018, 205, 966-974.
Kim, Jiwhan; Choi, Juhyuk; Lim, Jinkyu; Lee, Hyunjoo: *BIMETALLIC NANOSTRUCTURES: SHAPE-CONTROLLED SYNTHESIS FOR CATALYSIS, PLASMONICS, AND SENSING APPLICATIONS*, 2018, , 317-359.
Rao, Reshma R.; Kolb, Manuel J.; Halck, Niels Bendtsen; Pedersen, Anders Filsoe; Mehta, Apurva; You, Hoydoo; Stoerzinger, Kelsey A.; Feng, Zhenxing; Hansen, Heine A.; Zhou, Hua; Giordano, Livia; Rossmeisl, Jan; Vegge, Tejs; Chorkendorff, Ib; Stephens, Ifa: *ENERGY & ENVIRONMENTAL SCIENCE*, 2017, 10, 2626-2637.
Wang, Jinsong; Liu, Jia; Zhang, Bao; Wan, Houzhao; Li, Zhishan; Ji, Xiao; Xu, Kui; Chen, Chi; Zha, Dace; Miao, Ling; Jiang, Jianjun: *NANO ENERGY*, 2017, 42, 98-105.
Kim, Yong-Tae; Lopes, Pietro Papa; Park, Shin-Ae; Lee, A-Yeong; Lim, Jinkyu; Lee, Hyunjoo; Back, Seoin; Jung, Yousung; Danilovic, Nemanja; Stamenkovic, Vojislav; Erlebacher, Jonah; Snyder, Joshua; Markovic, Nenad M.: *NATURE COMMUNICATIONS*, 2017, 8, -.
Hong, Wesley T.; Stoerzinger, Kelsey A.; Lee, Yueh-Lin; Giordano, Livia; Grimaud, Alexis; Johnson, Alyssa M.; Hwang, Jonathan; Crumlin, Ethan J.; Yang, Wanli; Shao-Horn, Yang: *ENERGY & ENVIRONMENTAL SCIENCE*, 2017, 10, 2190-2200.
Calle-Vallejo, Federico; Koper, Marc T. M.: *ACS CATALYSIS*, 2017, 7, 7346-7351.
Liyanage, D. Ruchira; Li, Da; Cheek, Quintin B.; Baydoun, Habib; Brock, Stephanie L.: *JOURNAL OF MATERIALS CHEMISTRY A*, 2017, 5, 17609-17618.
Dickens, Colin F.; Norskov, Jens K.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2017, 121, 18516-18524.
Dotel, Utsav R.; Vuorilehto, Kai; Sydnes, Magne O.; Urkedal, Hans; Hemmingsen, Tor: *INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH*, 2017, 56, 8954-8960.
Tkalych, Alexander J.; Zhuang, Houlong L.; Carter, Emily A.: *ACS CATALYSIS*, 2017, 7, 5329-5339.
Mavros, Michael G.; Shepherd, James J.; Tsuchimochi, Takashi; McIsaac, Alexandra R.; Van Voorhis, Troy: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2017, 121, 15665-15674.
Jadhav, Amol R.; Bandal, Harshad A.; Tamboli, Ashif H.; Kim, Hern: *JOURNAL OF ENERGY CHEMISTRY*, 2017, 26, 695-702.
Katsounaros, Ioannis; Figueiredo, Marta C.; Chen, Xiaoting; Calle-Vallejo, Federico; Koper, Marc T. M.: *ACS CATALYSIS*, 2017, 7, 4660-4667.
Lebedev, Dmitry; Povia, Mauro; Waltar, Kay; Abdala, Paula M.; Castelli, Ivano E.; Fabbri, Emiliana; Blanco, Maria V.; Fedorov, Alexey; Coperet, Christophe; Marzari, Nicola; Schmidt, Thomas J.: *CHEMISTRY OF MATERIALS*, 2017, 29, 5182-5191.
Kim, Hoyoung; Hwang, Eunkyoung; Park, Hyanjoo; Lee, Byung-Seok; Jang, Jong Hyun; Kim, Hyoung-Juhn; Ahn, Sang Hyun; Kim, Soo-Kil: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2017, 206, 608-616.
Gauthier, Joseph A.; Dickens, Colin F.; Chen, Leanne D.; Doyle, Andrew D.; Norskov, Jens K.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2017, 121, 11455-11463.
Doyle, Andrew D.; Bajdich, Michal; Vojvodic, Aleksandra: *CATALYSIS LETTERS*, 2017, 147, 1533-1539.
Eftekhari, Ali: *MATERIALS TODAY CHEMISTRY*, 2017, 4, 117-132.
Spoeri, Camillo; Kwan, Jason Tai Hong; Bonakdarpour, Arman; Wilkinson, David P.; Strasser, Peter: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2017, 56, 5994-6021.
Stoerzinger, Kelsey A.; Rao, Reshma R.; Wang, Xiao Renshaw; Hong, Wesley T.; Rouleau, Christopher M.; Shao-Horn, Yang: *CHEM*, 2017, 2, 668-675.
Risch, Marcel: *CATALYSTS*, 2017, 7, -.
Exner, Kai S.; Over, Herbert: *ACCOUNTS OF CHEMICAL RESEARCH*, 2017, 50, 1240-1247.
Shinagawa, Tatsuya; Takanabe, Kazuhiro: *CHEMSUSCHEM*, 2017, 10, 1318-1336.
Briquet, Ludovic G. V.; Sarwar, Misbah; Mugo, Jane; Jones, Glenn; Calle-Vallejo, Federico: *CHEMCATCHEM*, 2017, 9, 1261-1268.
Stoerzinger, Kelsey A.; Diaz-Morales, Oscar; Kolb, Manuel; Rao, Reshma R.; Frydendal, Rasmus; Qiao, Liang; Wang, Xiao Renshaw; Halck, Niels Bendtsen; Rossmeisl, Jan; Hansen, Heine A.; Vegge, Tejs; Stephens, Ifan E. L.; Koper, Marc T. M.; Shao-Horn, Yang: *ACS ENERGY LETTERS*, 2017, 2, 876-881.
Frydendal, Rasmus; Seitz, Linsey C.; Sokaras, Dimosthenis; Weng, Tsu-Chien; Nordlund, Dennis; Chorkendorff, Ib; Stephens, Ifan E. L.; Jaramillo, Thomas F.: *ELECTROCHIMICA ACTA*, 2017, 230, 22-28.
Younus, Hussein A.; Ahmad, Nazir; Chughtai, Adeel H.; Vandichel, Matthias; Busch, Michael; Van Hecke, Kristof; Yusubov, Mekhman; Song, Shaoxian; Verpoort, Francis: *CHEMSUSCHEM*, 2017, 10, 862-875.

Xie, Ye; Deng, Yuanfu; Yang, Chunxiang; Zeng, Zhenou; Li, Yingwei; Chen, Guohua: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2017, 696, 257-265.
Fester, J.; Garcia-Melchor, M.; Walton, A. S.; Bajdich, M.; Li, Z.; Lammich, L.; Vojvodic, A.; Lauritsen, J. V.: *Nature Communications*, 2017, 8, -.
Suen, Nian-Tzu; Hung, Sung-Fu; Quan, Quan; Zhang, Nan; Xu, Yi-Jun; Chen, Hao Ming: *CHEMICAL SOCIETY REVIEWS*, 2017, 46, 337-365.
Seh, Zhi Wei; Kibsgaard, Jakob; Dickens, Colin F.; Chorkendorff, I. B.; Norskov, Jens K.; Jaramillo, Thomas F.: *SCIENCE*, 2017, 355, -.
Reier, Tobias; Nong, Hong Nhan; Teschner, Detre; Schloegl, Robert; Strasser, Peter: *ADVANCED ENERGY MATERIALS*, 2017, 7, -.
Montoya, Joseph H.; Seitz, Linsey C.; Chakthranont, Pongkarn; Vojvodic, Aleksandra; Jaramillo, Thomas F.; Norskov, Jens K.: *NATURE MATERIALS*, 2017, 16, 70-81.
Calle-Vallejo, Federico; Krabbe, Alexander; Garcia-Lastra, Juan M.: *CHEMICAL SCIENCE*, 2017, 8, 124-130.
Dionigi, Fabio; Strasser, Peter: *ADVANCED ENERGY MATERIALS*, 2016, 6, -.
Artrith, Nongnuch; Sailuam, Wutthigrai; Limpijumnong, Sukit; Kolpak, Alexie M.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2016, 18, 29561-29570.
Christensen, Rune; Hansen, Heine A.; Dickens, Colin F.; Norskov, Jens K.; Vegge, Tejs: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2016, 120, 24910-24916.
Herranz, Juan; Durst, Julien; Fabbri, Emiliana; Patru, Alexandra; Cheng, Xi; Permyakova, Anastasia A.; Schmidt, Thomas J.: *NANO ENERGY*, 2016, 29, 4-28.
Busch, Michael; Halck, Niels B.; Kramm, Ulrike I.; Siahrostami, Samira; Krtil, Petr; Rossmeisl, Jan: *NANO ENERGY*, 2016, 29, 126-135.
Lin, Xiaohang; Gossenberger, Florian; Gross, Axel: *INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH*, 2016, 55, 11107-11113.
Saha, Sulay; Kishor, Koshal; Sivakumar, Sri; Pala, Raj Ganesh S.: *JOURNAL OF THE INDIAN INSTITUTE OF SCIENCE*, 2016, 96, 325-349.
Kakekhani, Arvin; Ismail-Beigi, Sohrab: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2016, 18, 19676-19695.
Kim, Jin Yeong; Park, Hyanjoo; Kim, Hoyoung; Hwang, Eunkyoung; Ahn, Sang Hyun; Kim, Soo-Kil: *BULLETIN OF THE KOREAN CHEMICAL SOCIETY*, 2016, 37, 1270-1277.
Kwon, Hyunguk; Han, Jeong Woo: *JOURNAL OF THE KOREAN CERAMIC SOCIETY*, 2016, 53, 306-311.
Watanabe, Eriko; Rossmeisl, Jan; Bjorketun, Marten E.; Ushiyama, Hiroshi; Yamashita, Koichi: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2016, 120, 8096-8103.
Karlsson, Rasmus K. B.; Cornell, Ann: *CHEMICAL REVIEWS*, 2016, 116, 2982-3028.
Guiglion, Pierre; Berardo, Enrico; Butchosa, Cristina; Wobbe, Milena C. C.; Zwijnenburg, Martijn A.: *JOURNAL OF PHYSICS-CONDENSED MATTER*, 2016, 28, -.
Lettenmeier, Philipp; Wang, Li; Golla-Schindler, Ute; Gazdzicki, Pawel; Canas, Natalia A.; Handl, Michael; Hiesgen, Renate; Hosseiny, Seyed S.; Gago, Aldo S.; Friedrich, Kaspar A.: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2016, 55, 742-746.
Tang, Runbang; Nie, Yuefeng; Kawasaki, Jason K.; Kuo, Ding-Yuan; Petretto, Guido; Hautier, Geoffroy; Rignanese, Gian-Marco; Shen, Kyle M.; Schlom, Darrell G.; Suntivich, Jin: *JOURNAL OF MATERIALS CHEMISTRY A*, 2016, 4, 6831-6836.
Dresp, Soeren; Luo, Fang; Schmack, Roman; Kuehl, Stefanie; Gliech, Manuel; Strasser, Peter: *ENERGY & ENVIRONMENTAL SCIENCE*, 2016, 9, 2020-2024.
Kim, Jin Yeong; Choi, Jihui; Kim, Ho Young; Hwang, Eunkyoung; Kim, Hyoung-Juhn; Ahn, Sang Hyun; Kim, Soo-Kil: *APPLIED SURFACE SCIENCE*, 2015, 359, 227-235.
Frydendal, Rasmus; Paoli, Elisa A.; Chorkendorff, Ib; Rossmeisl, Jan; Stephens, Ifan E. L.: *ADVANCED ENERGY MATERIALS*, 2015, 5, -.
Karlsson, Rasmus K. B.; Cornell, Ann; Pettersson, Lars G. M.: *ELECTROCHIMICA ACTA*, 2015, 180, 514-527.
Kortlever, Ruud; Shen, Jing; Schouten, Klaas Jan P.; Calle-Vallejo, Federico; Koper, Marc T. M.: *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2015, 6, 4073-4082.
Seitz, Linsey C.; Hersbach, Thomas J. P.; Nordlund, Dennis; Jaramillo, Thomas F.: *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2015, 6, 4178-4183.
Reier, Tobias; Pawolek, Zarina; Cherevko, Serhiy; Bruns, Michael; Jones, Travis; Teschner, Detre; Selve, Soeren; Bergmann, Arno; Nong, Hong Nhan; Schloegl, Robert; Mayrhofer, Karl J. J.; Strasser, Peter: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2015, 137, 13031-13040.
Bergmann, Arno; Martinez-Moreno, Elias; Teschner, Detre; Chernev, Petko; Gliech, Manuel; de Araujo, Jorge Ferreira; Reier, Tobias; Dau, Holger; Strasser, Peter: *NATURE COMMUNICATIONS*, 2015, 6, -.
Medford, Andrew J.; Vojvodic, Aleksandra; Hummelshoj, Jens S.; Voss, Johannes; Abild-Pedersen, Frank; Studt, Felix; Bligaard, Thomas; Nilsson, Anders; Norskov, Jens K.: *JOURNAL OF CATALYSIS*, 2015, 328, 36-42.
Macounová, Katerina Minhova; Simic, Nina; Ahlberg, Elisabet; Krtil, Petr: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2015, 137, 7262-7265.
Exner, Kai S.; Anton, Josef; Jacob, Timo; Over, Herbert: *CHEMELECTROCHEM*, 2015, 2, 707-713.
Calle-Vallejo, Federico; Loffreda, David; Koper, Marc T. M.; Sautet, Philippe: *NATURE CHEMISTRY*, 2015, 7, 403-410.
Xu, Zhongnan; Kitchin, John R.: *JOURNAL OF CHEMICAL PHYSICS*, 2015, 142, -.
Xu, Zhongnan; Rossmeisl, Jan; Kitchin, John R.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2015, 119, 4827-4833.

Kuznetsova, Elizaveta; Petrykin, Valery; Sunde, Svein; Krtil, Petr: *ELECTROCATALYSIS*, 2015, 6, 198-210.
Doyle, Andrew D.; Montoya, Joseph H.; Vojvodic, Aleksandra: *CHEMCATCHEM*, 2015, 7, 738-742.
Manh-Thuong Nguyen; Piccinin, Simone; Seriani, Nicola; Gebauer, Ralph: *ACS CATALYSIS*, 2015, 5, 715-721.
Hong, Wesley T.; Risch, Marcel; Stoerzinger, Kelsey A.; Grimaud, Alexis; Suntivich, Jin; Shao-Horn, Yang: *ENERGY & ENVIRONMENTAL SCIENCE*, 2015, 8, 1404-1427.
Xu, Zhongnan; Kitchin, John R.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2015, 17, 28943-28949.
Abbott, Daniel F.; Petrykin, Valery; Okube, Maki; Bastl, Zdenk; Mukerjee, Sanjeev; Krtil, Petr: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2015, 162, H23-H31.
Oh, Hyung-Suk; Nong, Hong Nhan; Reier, Tobias; Gliech, Manuel; Strasser, Peter: *CHEMICAL SCIENCE*, 2015, 6, 3321-3328.
Frydendal, Rasmus; Busch, Michael; Halck, Niels B.; Paoli, Elisa A.; Krtil, Petr; Chorkendorff, Ib; Rossmeisl, Jan: *CHEMCATCHEM*, 2015, 7, 149-154.
Paoli, Elisa A.; Masini, Federico; Frydendal, Rasmus; Deiana, Davide; Schlaup, Christian; Malizia, Mauro; Hansen, Thomas W.; Horch, Sebastian; Stephens, Ifan E. L.; Chorkendorff, Ib: *CHEMICAL SCIENCE*, 2015, 6, 190-196.
Abbott, Daniel F.; Mukerjee, Sanjeev; Petrykin, Valery; Bastl, Zdenek; Halck, Niels Bendtsen; Rossmeisl, Jan; Krtil, Petr: *RSC ADVANCES*, 2015, 5, 1235-1243.
Montemore, Matthew M.; Medlin, J. Will: *CATALYSIS SCIENCE & TECHNOLOGY*, 2014, 4, 3748-3761.
Fabbri, E.; Habereder, A.; Waltar, K.; Koetz, R.; Schmidt, T. J.: *CATALYSIS SCIENCE & TECHNOLOGY*, 2014, 4, 3800-3821.

62. Kuznetsova, E.; Petrykin, V.; Sunde, S.; Krtil, P.; Selectivity of Nanocrystalline IrO_2-Based Catalysts in Parallel Chlorine and Oxygen Evolution. *Electrocatalysis* **2014**. DOI: 10.1007/s12678-014-0233-y. IF= 2.713, Počet citací: 35

Citováno v:
Liu, Xingxin; Song, Chol Nam; Zhang, Yuxin; Sha, Li; Li, Yiming; Zhang, Shuting: *SEPARATION AND PURIFICATION TECHNOLOGY*, 2021, 276, -.
Lim, Taejung; Kim, Jae Hyung; Kim, Jinjong; Baek, Du San; Shin, Tae Joo; Jeong, Hu Young; Lee, Kug-Seung; Exner, Kai S.; Joo, Sang Hoon: *ACS CATALYSIS*, 2021, 11, 12232-12246.
Dong, Heng; Yu, Weilai; Hoffmann, Michael R.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 20745-20761.
Pittkowski, Rebecca K.; Abbott, Daniel F.; Nebel, Roman; Divanis, Spyridon; Fabbri, Emiliana; Castelli, Ivano E.; Schmidt, Thomas J.; Rossmeisl, Jan; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2021, 366, -.
Exner, Kai S.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2020, 22, 22451-22458.
Manjakkal, Libu; Szwagierczak, Dorota; Dahiya, Ravinder: *PROGRESS IN MATERIALS SCIENCE*, 2020, 109, -.
Exner, Kai S.: *CHEMELECTROCHEM*, 2020, 7, 1448-1455.
Exner, Kai S.: *ELECTROCHIMICA ACTA*, 2020, 334, -.
Abbott, Daniel F.; Pittkowski, Rebecca K.; Macounová, Katerina; Nebel, Roman; Marelli, Elena; Fabbri, Emiliana; Castelli, Ivano E.; Krtil, Petr; Schmidt, Thomas J.: *ACS APPLIED MATERIALS & INTERFACES*, 2019, 11, 37748-37760.
Vos, Johannes G.; Liu, Zhichao; Speck, Florian D.; Perini, Nickson; Fu, Wentian; Cherevko, Serhiy; Koper, Marc T. M.: *ACS CATALYSIS*, 2019, 9, 8561-8574.
Royaei, N.; Shahrabi, T.; Yaghoubinezhad, Y.: *MATERIALS RESEARCH EXPRESS*, 2019, 6, -.
Exner, Kai S.: *CHEMCATCHEM*, 2019, 11, 3234-3241.
Exner, Kai S.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 16921-16928.
Genova-Koleva, Radostina, V; Alcaide, Francisco; Alvarez, Garbine; Cabot, Pere L.; Grande, Hans-Jurgen; Martinez-Huerta, Maria, V; Miguel, Oscar: *JOURNAL OF ENERGY CHEMISTRY*, 2019, 34, 227-239.
Exner, Kai S.: *CHEMELECTROCHEM*, 2019, 6, 3401-3409.
Reksten, Anita Hamar; Russell, Andrea E.; Richardson, Peter W.; Thompson, Stephen J.; Mathisen, Karina; Seland, Frode; Sunde, Svein: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2019, 21, 12217-12230.
Wu, Yiyi; Tariq, Muhammad; Zaman, Waqas Qamar; Sun, Wei; Zhou, Zhenhua; Yang, Ji: *ACS APPLIED ENERGY MATERIALS*, 2019, 2, 4105-4110.
Royaei, N.; Shahrabi, T.; Yaghoubinezhad, Y.: *JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY*, 2019, 90, 547-564.
Kumar, Amit; Phillips, Katherine R.; Cai, Janny; Schroeder, Uwe; Lienhard, John H.: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2019, 58, 6502-6511.
El Sayed, Adel M.; Shaban, Mohamed: *CERAMICS INTERNATIONAL*, 2019, 45, 8460-8470.
Kim, Joo Yeon; Lee, Hangil: *SCIENTIFIC REPORTS*, 2019, 9, -.
Kumar, Amit; Phillips, Katherine R.; Thiel, Gregory P.; Schroeder, Uwe; Lienhard, John H.: *NATURE CATALYSIS*, 2019, 2, 106-113.
Kuo, Ding-Yuan; Paik, Hanjong; Nelson, Jocienne N.; Shen, Kyle M.; Schlom, Darrell G.; Suntivich, Jin: *JOURNAL OF CHEMICAL PHYSICS*, 2019, 150, -.
Song, Xiang; Zhao, Hui; Fang, Keneng; Lou, Yongshan; Liu, Zongkui; Liu, Chifeng; Ren, Zhandong; Zhou, Xiaorong; Fang, Hua; Zhu, Yuchan: *RSC ADVANCES*, 2019, 9, 3113-3119.
Deng, Li; Liu, Yi; Zhao, Gan; Chen, Jiahao; He, Shufan; Zhu, Yuchan; Chai, Bo; Ren, Zhandong: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2019, 832, 459-466.
Kishor, Koshal; Saha, Sulay; Parashtekar, Alhad; Pala, Raj Ganesh S.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2018, 165, J3276-J3280.

Royaei, N.; Shahrabi, T.; Yaghoubinezhad, Y.: *CATALYSIS SCIENCE & TECHNOLOGY*, 2018, 8, 4957-4974.
Vos, J. G.; Koper, M. T. M.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2018, 819, 260-268.
Busch, Michael: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 9, 278-284.
Zaman, Waqas Qamar; Wang, Zhiqiang; Sun, Wei; Zhou, Zhenhua; Tariq, Muhammad; Cao, Limei; Gong, Xue-Qing; Yang, Ji: *ACS ENERGY LETTERS*, 2017, 2, 2786-2793.
Yu, Areum; Lee, Chongmok; Kim, Myung Hwa; Lee, Youngmi: *ACS APPLIED MATERIALS & INTERFACES*, 2017, 9, 35057-35066.
Dotel, Utsav R.; Vuorilehto, Kai; Sydnes, Magne O.; Urkedal, Hans; Hemmingsen, Tor: *INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH*, 2017, 56, 8954-8960.
Karlsson, Rasmus K. B.; Cornell, Ann: *CHEMICAL REVIEWS*, 2016, 116, 2982-3028.
Karlsson, Rasmus K. B.; Cornell, Ann; Pettersson, Lars G. M.: *ELECTROCHIMICA ACTA*, 2015, 180, 514-527.
Sun, Wei; Song, Ya; Gong, Xue-Qing; Cao, Li-mei; Yang, Ji: *CHEMICAL SCIENCE*, 2015, 6, 4993-4999.

63. Mueller, J. E.; Krtil, P.; Kibler, L. A.; Jacob, T.; Bimetallic alloys in action: dynamic atomistic motifs for electrochemistry and catalysis. *Physical Chemistry Chemical Physics* **2014**, *16* (29), 15029-15042. DOI: 10.1039/c4cp01591f. IF= 3.676, Počet citací: 24

Citováno v:
Wirtanen, Tom; Prenzel, Tobias; Tessonnier, Jean-Philippe; Waldvogel, Siegfried R.: *CHEMICAL REVIEWS*, 2021, 121, 10241-10270.
Mueller, Jonathan E.; Hoffmannová, Hana; Hiratoko, Tatsuya; Krtil, Petr; Jacob, Timo: *JOURNAL OF CATALYSIS*, 2021, 398, 89-101.
Linnemann, Julia; Kanokkanchana, Kannasoot; Tschulik, Kristina: *ACS CATALYSIS*, 2021, 11, 5318-5346.
Nguyen, Tran N. H.; Jin, Xin; Nolan, James K.; Xu, Jian; Le, Khanh Vy H.; Lam, Stephanie; Wang, Yi; Alam, Muhammad A.; Lee, Hyowon: *ACS BIOMATERIALS SCIENCE & ENGINEERING*, 2020, 6, 5315-5325.
Buvat, Gaetan; Eslamibidgoli, Mohammad J.; Garbarino, Sebastien; Eikerling, Michael; Guay, Daniel: *ACS APPLIED ENERGY MATERIALS*, 2020, 3, 5229-5237.
Sachse, Rene; Bernsmeier, Denis; Schmack, Roman; Haeusler, Ines; Hertwig, Andreas; Kraffert, Katrin; Nissen, Joerg; Kraehnert, Ralph: *CATALYSIS SCIENCE & TECHNOLOGY*, 2020, 10, 2057-2068.
Garlyyev, Batyr; Fichtner, Johannes; Pique, Oriol; Schneider, Oliver; Bandarenka, Aliaksandr S.; Calle-Vallejo, Federico: *CHEMICAL SCIENCE*, 2019, 10, 8060-8075.
Hang, Yunchang; Pfisterer, Jonas H. K.; McLaughlin, David; Csoklich, Christoph; Seidl, Lukas; Bandarenka, Aliaksandr S.; Schneider, Oliver: *SMALL METHODS*, 2019, 3, -.
Testolin, Anna; Cattaneo, Stefano; Wang, Wu; Wang, Di; Pifferi, Valentina; Prati, Laura; Falciola, Luigi; Villa, Alberto: *SURFACES*, 2019, 2, 205-215.
Duca, Matteo; Wang, Andrew; Buvat, Gaetan; Sacre, Nicolas; Garbarino, Sebastien; Guay, Daniel: *JOURNAL OF CATALYSIS*, 2019, 369, 405-414.
Heider, E. A.; Jacob, T.; Kibler, L. A.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2018, 819, 289-295.
Zeradjanin, Aleksandar R.: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 9, 214-223.
Kibler, Ludwig A.; Hermann, Johannes M.; Abdelrahman, Areeg; El-Aziz, Ahmed A.; Jacob, Timo: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 9, 265-270.
Du, Pan; Gao, Yuan; Wu, Ping; Cai, Chenxin: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2018, 20, 10132-10141.
Duca, Matteo; Sacre, Nicolas; Wang, Andrew; Garbarino, Sebastien; Guay, Daniel: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2018, 221, 86-96.
Ghosh, Arpita; Ramaprabhu, S.: *CATALYSIS SCIENCE & TECHNOLOGY*, 2017, 7, 5079-5091.
Kibler, Ludwig A.; Soliman, Khaled A.; Plumer, Alan; Wildi, Christopher S.; Bringley, Eric; Mueller, Jonathan E.; Jacob, Timo: *ELECTROCATALYSIS*, 2017, 8, 605-615.
Gross, Axel; Kibler, Ludwig A.: *ELECTROCATALYSIS*, 2017, 8, 499-500.
Du, Pan; Wu, Ping; Cai, Chenxin: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2017, 121, 9348-9360.
Farias, Manuel J. S.; Cheuquepan, William; Tanaka, Auro A.; Feliu, Juan M.: *ACS CATALYSIS*, 2017, 7, 3434-3445.
Mercer, Michael P.; Hoster, Harry E.: *NANO ENERGY*, 2016, 29, 394-413.
Jovanov, Zarko P.; Hansen, Heine A.; Varela, Ana Sofia; Malacrida, Paolo; Peterson, Andrew A.; Norskov, Jens K.; Stephens, Ifan E. L.; Chorkendorff, Ib: *JOURNAL OF CATALYSIS*, 2016, 343, 215-231.
Farias, Manuel J. S.; Cheuquepan, William; Camara, Giuseppe A.; Feliu, Juan M.: *ACS CATALYSIS*, 2016, 6, 2997-3007.
Jin, Lihua; Zhang, Zaihua; Zhuang, Zhihua; Meng, Zheng; Li, Cong; Shen, Yehua: *RSC ADVANCES*, 2016, 6, 42008-42013.

64. Okube, M.; Petrykin, V.; Mueller, J. E.; Fantauzzi, D.; Krtil, P.; Jacob, T.; Topologically Sensitive Surface Segregations of Au-Pd Alloys in Electrocatalytic Hydrogen Evolution. *Chemelectrochem* **2014**, *1* (1), 207-212, Article. DOI: 10.1002/celc.201300112. IF= 4.59, Počet citací: 13

Citováno v:
Mueller, Jonathan E.; Hoffmannová, Hana; Hiratoko, Tatsuya; Krtil, Petr; Jacob, Timo: *JOURNAL OF CATALYSIS*, 2021, 398, 89-101.
Linnemann, Julia; Kanokkanchana, Kannasoot; Tschulik, Kristina: *ACS CATALYSIS*, 2021, 11, 5318-5346.

Trindell, Jamie A.; Duan, Zhiyao; Henkelman, Graeme; Crooks, Richard M.: *CHEMELECTROCHEM*, 2020, 7, 3824-3831.
Ngoc-Anh Nguyen; Tham Thao-Trang Nguyen; Van-Toan Nguyen; Ali, Yousuf; Sim, Eunju; Choi, Ho-Suk: *CATALYSIS TODAY*, 2019, 337, 90-96.
Weitzner, Stephen E.; Dabo, Ismaila: *JOURNAL OF CHEMICAL PHYSICS*, 2019, 150, -.
Kibler, Ludwig A.; Soliman, Khaled A.; Plumer, Alan; Wildi, Christopher S.; Bringley, Eric; Mueller, Jonathan E.; Jacob, Timo: *ELECTROCATALYSIS*, 2017, 8, 605-615.
Pizzutilo, Enrico; Freakley, Simon J.; Cherevko, Serhiy; Venkatesan, Sriram; Hutchings, Graham J.; Liebscher, Christian H.; Dehm, Gerhard; Mayrhofer, Karl J. J.: *ACS CATALYSIS*, 2017, 7, 5699-5705.
Jiang, Yi; Yan, Yucong; Han, Yu; Zhang, Hui; Yang, Deren: *RSC ADVANCES*, 2017, 7, 43373-43379.
Jovanov, Zarko P.; Hansen, Heine A.; Varela, Ana Sofia; Malacrida, Paolo; Peterson, Andrew A.; Norskov, Jens K.; Stephens, Ifan E. L.; Chorkendorff, Ib: *JOURNAL OF CATALYSIS*, 2016, 343, 215-231.
Saldan, Ivan; Semenyuk, Yuriy; Marchuk, Iryna; Reshetnyak, Oleksandr: *JOURNAL OF MATERIALS SCIENCE*, 2015, 50, 2337-2354.
Quaino, P.; Santos, E.: *LANGMUIR*, 2015, 31, 858-867.
Soliman, Khaled A.; Kolb, Dieter M.; Kibler, Ludwig A.; Jacob, Timo: *BEILSTEIN JOURNAL OF NANOTECHNOLOGY*, 2014, 5, 1349-1356.
Mueller, Jonathan E.; Krtil, Petr; Kibler, Ludwig A.; Jacob, Timo: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2014, 16, 15029-15042.

65. Abbott, D. F.; Mukerjee, S.; Petrykin, V.; Bastl, Z.; Halck, N. B.; Rossmeisl, J.; Krtil, P.; Oxygen reduction on nanocrystalline ruthenia - local structure effects. *RSC Advances* **2015**, *5* (2), 1235-1243. IF= 3.361, Počet citací: 15

Citováno v:
Zhang, Hao; Wang, Zhiqiang; Ma, Chenglong; Zhou, Zhenhua; Cao, Limei; Yang, Ji: *CHEMSUSCHEM*, 2020, 13, 6613-6620.
Burnett, David L.; Petrucco, Enrico; Rigg, Katie M.; Zalitis, Christopher M.; Lok, Jamie G.; Kashtiban, Reza J.; Lees, Martin R.; Sharman, Jonathan D. B.; Walton, Richard I.: *CHEMISTRY OF MATERIALS*, 2020, 32, 6150-6160.
Siahrostami, Samira; Villegas, Santiago Jimenez; Mostaghimi, Amir Hassan Bagherzadeh; Back, Seoin; Farimani, Amir Barati; Wang, Haotian; Persson, Kristin Aslaug; Montoya, Joseph: *ACS CATALYSIS*, 2020, 10, 7495-7511.
Wan, Hao; Jensen, Anders W.; Escudero-Escribano, Maria; Rossmeisl, Jan: *ACS CATALYSIS*, 2020, 10, 5979-5989.
Rao, Reshma R.; Kolb, Manuel J.; Giordano, Livia; Pedersen, Anders Filsoe; Katayama, Yu; Hwang, Jonathan; Mehta, Apurva; You, Hoydoo; Lunger, Jaclyn R.; Zhou, Hua; Halck, Niels Bendtsen; Vegge, Tejs; Chorkendorff, Ib; Stephens, Ifan E. L.; Shao-Horn, Yang: *NATURE CATALYSIS*, 2020, 3, 516-525.
Garlyyev, Batyr; Liang, Yunchang; Xue, Song; Watzele, Sebastian; Fichtner, Johannes; Li, Wei-Jin; Ding, Xing; Bandarenka, Aliaksandr S.: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2019, 14, 206-213.
Pittkowski, Rebecca; Krtil, Petr; Rossmeisl, Jan: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 12, 218-224.
Rao, Reshma R.; Kolb, Manuel J.; Hwang, Jonathan; Pedersen, Anders Filsoe; Mehta, Apurva; You, Hoydoo; Stoerzinger, Kelsey A.; Feng, Zhenxing; Zhou, Hua; Bluhm, Hendrik; Giordano, Livia; Stephens, Ifan E. L.; Shao-Horn, Yang: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 17802-17811.
Kulkarni, Ambarish; Siahrostami, Samira; Patel, Anjli; Norskov, Jens K.: *CHEMICAL REVIEWS*, 2018, 118, 2302-2312.
Rao, Reshma R.; Kolb, Manuel J.; Halck, Niels Bendtsen; Pedersen, Anders Filsoe; Mehta, Apurva; You, Hoydoo; Stoerzinger, Kelsey A.; Feng, Zhenxing; Hansen, Heine A.; Zhou, Hua; Giordano, Livia; Rossmeisl, Jan; Vegge, Tejs; Chorkendorff, Ib; Stephens, Ifa: *ENERGY & ENVIRONMENTAL SCIENCE*, 2017, 10, 2626-2637.
Wakabayashi, Ryo H.; Paik, Hanjong; Murphy, Marc J.; Schlom, Darrell G.; Bruetzam, Mario; Uecker, Reinhard; van Dover, R. Bruce; DiSalvo, Francis J.; Abruna, Hector D.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2017, 164, 0-0.
Jovanovic, Primoz; Selih, Vid Simon; Sala, Martin; Hocevar, Samo; Ruiz-Zepeda, Francisco; Hodnik, Nejc; Bele, Marjan; Gaberscek, Miran: *ELECTROCHIMICA ACTA*, 2016, 211, 851-859.
Lehtimaeki, Matti; Hoffmannová, Hana; Boytsova, Olga; Bastl, Zdenek; Busch, Michael; Halck, Niels Bendtsen; Rossmeisl, Jan; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2016, 191, 452-461.
Hodnik, Nejc; Jovanovic, Primoz; Pavlisic, Andraz; Jozinovic, Barbara; Zorko, Milena; Bele, Marian; Selih, Vid Simon; Sala, Martin; Hocevar, Samo; Gaberscek, Miran: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2015, 119, 10140-10147.

66. Abbott, D. F.; Petrykin, V.; Okube, M.; Bastl, Z.; Mukerjee, S.; Krtil, P.; Selective Chlorine Evolution Catalysts Based on Mg-Doped Nanoparticulate Ruthenium Dioxide. *Journal of the Electrochemical Society* **2015**, *162* (1), H23-H31. DOI: 10.1149/2.0541501jes. IF= 4.316, Počet citací: 20

Citováno v:
Lim, Taejung; Kim, Jae Hyung; Kim, Jinjong; Baek, Du San; Shin, Tae Joo; Jeong, Hu Young; Lee, Kug-Seung; Exner, Kai S.; Joo, Sang Hoon: *ACS CATALYSIS*, 2021, 11, 12232-12246.

Dong, Heng; Yu, Weilai; Hoffmann, Michael R.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 20745-20761.
Wang, Yihan; Liu, Yangyang; Wiley, Dianne; Zhao, Shenlong; Tang, Zhiyong: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 18974-18993.
Exner, Kai S.: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2020, 22, 22451-22458.
Burnett, David L.; Petrucco, Enrico; Rigg, Katie M.; Zalitis, Christopher M.; Lok, Jamie G.; Kashtiban, Reza J.; Lees, Martin R.; Sharman, Jonathan D. B.; Walton, Richard I.: *CHEMISTRY OF MATERIALS*, 2020, 32, 6150-6160.
Exner, Kai S.: *CHEMELECTROCHEM*, 2020, 7, 1528-1530.
McLeod, Lucy K.; Spikes, Geoffrey H.; Kashtiban, Reza J.; Walker, Marc; Chadwick, Alan, V; Sharman, Jonathan D. B.; Walton, Richard, I: *DALTON TRANSACTIONS*, 2020, 49, 2661-2670.
Lim, Taejung; Jung, Gwan Yeong; Kim, Jae Hyung; Park, Sung O.; Park, Jaehyun; Kim, Yong-Tae; Kang, Seok Ju; Jeong, Hu Young; Kwak, Sang Kyu; Joo, Sang Hoon: *NATURE COMMUNICATIONS*, 2020, 11, -.
Vos, Johannes G.; Liu, Zhichao; Speck, Florian D.; Perini, Nickson; Fu, Wentian; Cherevko, Serhiy; Koper, Marc T. M.: *ACS CATALYSIS*, 2019, 9, 8561-8574.
Royaei, N.; Shahrabi, T.; Yaghoubinezhad, Y.: *MATERIALS RESEARCH EXPRESS*, 2019, 6, -.
Royaei, N.; Shahrabi, T.; Yaghoubinezhad, Y.: *JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY*, 2019, 90, 547-564.
Ha, Heonjin; Jin, Kyoungsuk; Park, Sunghak; Lee, Kang-Gyu; Cho, Kang Hee; Seo, Hongmin; Ahn, Hyo-Yong; Lee, Yoon Ho; Nam, Ki Tae: *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2019, 10, 1226-1233.
Deng, Li; Liu, Yi; Zhao, Gan; Chen, Jiahao; He, Shufan; Zhu, Yuchan; Chai, Bo; Ren, Zhandong: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2019, 832, 459-466.
Macounová, Katerina Minhova; Simic, Nina; Ahlberg, Elisabet; Krtil, Petr: *ELECTROCATALYSIS*, 2019, 10, 45-55.
Kishor, Koshal; Saha, Sulay; Parashtekar, Alhad; Pala, Raj Ganesh S.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2018, 165, J3276-J3280.
Chen, Liyong; Zhang, Yingyue; Li, Dezhi; Wang, Yanxin; Duan, Chunying: *JOURNAL OF MATERIALS CHEMISTRY A*, 2018, 6, 18378-18383.
Royaei, N.; Shahrabi, T.; Yaghoubinezhad, Y.: *CATALYSIS SCIENCE & TECHNOLOGY*, 2018, 8, 4957-4974.
Ming, Ruoxi; Zhu, Yuchan; Deng, Li; Zhang, Ailian; Wang, Ju; Han, Yongqi; Chai, Bo; Ren, Zhandong: *NEW JOURNAL OF CHEMISTRY*, 2018, 42, 12143-12151.
Vos, J. G.; Koper, M. T. M.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2018, 819, 260-268.
Karlsson, Rasmus K. B.; Cornell, Ann: *CHEMICAL REVIEWS*, 2016, 116, 2982-3028.

67. Grygar, T.; Bezdicka, P.; Jordanova, N.; Vorm, P.; Krtil, P. COD ID: 1526192. In *Crystallography Open Database*, 2015.

68. Grygar, T.; Bezdicka, P.; Vorm, P.; Jordanova, N.; Krtil, P. COD ID: 1526181. In *Crystallography Open Database*, 2015.

69. Grygar, T.; Bezdicka, P.; Vorm, P.; Jordanova, N.; Krtil, P. COD ID: 1526190. In *Crystallography Open Database*, 2015.

70. Macounová, K. M.; Simic, N.; Ahlberg, E.; Krtil, P.; Electrochemical Water-Splitting Based on Hypochlorite Oxidation. *Journal of the American Chemical Society* **2015**, *137* (23), 7262-7265, Article. DOI: 10.1021/jacs.5b02087. IF= 15.419, Počet citací: 21

Citováno v:
Lindberg, Aleksandra; Diaz-Morales, Oscar; Holmin, Susanne; Cornell, Ann: *INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH*, 2021, 60, 13505-13514.
Wang, Jianchao; Wang, Hui; Yue, Dongbei: *ACS APPLIED MATERIALS & INTERFACES*, 2020, 12, 36755-36767.
Christensen, Elizabeth G.; Steele, Ryan P.: *JOURNAL OF PHYSICAL CHEMISTRY A*, 2020, 124, 3417-3437.
Christensen, Elizabeth G.; Steele, Ryan P.: *JOURNAL OF PHYSICAL CHEMISTRY A*, 2019, 123, 8657-8673.
Deng, Yang; Chen, Nan; Feng, Chuanping; Chen, Fangxin; Wang, Haishuang; Kuang, Peijing; Feng, Zhengyuan; Liu, Tong; Gao, Yu; Hu, Weiwu: *CHEMICAL ENGINEERING JOURNAL*, 2019, 364, 349-360.
Troian-Gautier, Ludovic; Turlington, Michael D.; Wehlin, Sara A. M.; Maurer, Andrew B.; Brady, Matthew D.; Swords, Wesley B.; Meyer, Gerald J.: *CHEMICAL REVIEWS*, 2019, 119, 4628-4683.
Macounová, Katerina Minhova; Simic, Nina; Ahlberg, Elisabet; Krtil, Petr: *ELECTROCATALYSIS*, 2019, 10, 45-55.
Li, Kaiyue; Guo, Dong; Kang, Jianyu; Wei, Bo; Zhang, Xitian; Chen, Yujin: *ACS SUSTAINABLE CHEMISTRY & ENGINEERING*, 2018, 6, 14641-14651.
Macounová, Katefina Minhova; Simic, Nina; Ahlberg, Elisabet; Krtil, Petr: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2018, 165, 0-0.
Mostafa, Ehab; Reinsberg, Philip; Garcia-Segura, Sergi; Baltruschat, Helmut: *ELECTROCHIMICA ACTA*, 2018, 281, 831-840.
Vos, J. G.; Koper, M. T. M.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2018, 819, 260-268.

Spasojevic, M.; Markovic, D.; Trisovic, T.; Spasojevic, Milica: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2018, 165, 0-0.
Hedenstedt, Kristoffer; Simic, Nina; Wildlock, Mats; Ahlberg, Elisabet: *JOURNAL OF APPLIED ELECTROCHEMISTRY*, 2017, 47, 991-1008.
Li, Lingxiangyu; Xu, Zhenlan; Wimmer, Andreas; Tian, Qinghua; Wang, Xinping: *ENVIRONMENTAL SCIENCE & TECHNOLOGY*, 2017, 51, 7920-7927.
Li, Jia-Xin; Ye, Chen; Li, Xu-Bing; Li, Zhi-Jun; Gao, Xue-Wang; Chen, Bin; Tung, Chen-Ho; Wu, Li-Zhu: *ADVANCED MATERIALS*, 2017, 29, 0-0.
Wanngard, Johan; Wildlock, Mats: *CHEMICAL ENGINEERING RESEARCH & DESIGN*, 2017, 121, 438-447.
Endrodi, Balazs; Simic, Nina; Wildlock, Mats; Cornell, Ann: *ELECTROCHIMICA ACTA*, 2017, 234, 108-122.
Macounová, Katerina Minhova; Klusáčková, Monika; Nebel, Roman; Zukalova, Marketa; Klementová, Mariana; Castelli, Ivano E.; Spo, Mathias D.; Rossmeisl, Jan; Kavan, Ladislav; Krtil, Petr: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2017, 121, 6024-6032.
King, Hannah J.; Bonke, Shannon A.; Chang, Shery L. Y.; Spiccia, Leone; Johannessen, Bernt; Hocking, Rosalie K.: *CHEMCATCHEM*, 2017, 9, 511-521.
Nune, Satya Vijaya Kumar; Basaran, Aysun Tekin; Ulker, Emine; Mishra, Rupali; Karadas, Ferdi: *CHEMCATCHEM*, 2017, 9, 300-307.
Karlsson, Rasmus K. B.; Cornell, Ann: *CHEMICAL REVIEWS*, 2016, 116, 2982-3028.

71. Busch, M.; Halck, N. B.; Kramm, U. I.; Siahrostami, S.; Krtil, P.; Rossmeisl, J.; Beyond the top of the volcano? - A unified approach to electrocatalytic oxygen reduction and oxygen evolution. *Nano Energy* **2016**, *29*, 126-135, Article. DOI: 10.1016/j.nanoen.2016.04.011. IF= 17.881, Počet citací: 149

Citováno v:
Jiang, Xiaoli; Yue, Xiaoqiu; Li, Yuanxia; Wei, Xijun; Zheng, Qiaoji; Xie, Fengyu; Lin, Dunmin; Qu, Guoxing: *CHEMICAL ENGINEERING JOURNAL*, 2021, 426, -.
Singh, Suryansh; Lyle, Hanna; D'Amario, Luca; Magnano, Elena; Vinogradov, Ilya; Cuk, Tanja: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2021, 143, 15984-15997.
Ye, Cheng-Wei; Xu, Lan: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 22218-22247.
Cepitis, Ritums; Kongi, Nadezda; Grozovski, Vitali; Ivanistsev, Vladislav; Lust, Enn: *CATALYSTS*, 2021, 11, -.
Loeffler, Tobias; Ludwig, Alfred; Rossmeisl, Jan; Schuhmann, Wolfgang: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2021, , -.
Guan, Jingqi: *JOURNAL OF POWER SOURCES*, 2021, 506, -.
Kundu, Aniruddha; Mallick, Sourav; Ghora, Santanu; Raj, C. Retna: *ACS APPLIED MATERIALS & INTERFACES*, 2021, 13, 40172-40199.
Liao, Xiaobin; Lu, Ruihu; Xia, Lixue; Liu, Qian; Wang, Huan; Zhao, Kristin; Wang, Zhaoyang; Zhao, Yan: *ENERGY & ENVIRONMENTAL MATERIALS*, 2021, , -.
Divanis, Spyridon; Frandsen, Adrian Malthe; Kutlusoy, Tugce; Rossmeisl, Jan: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2021, 23, 19141-19145.
Lyle, Hanna; Singh, Suryansh; Paolino, Michael; Vinogradov, Ilya; Cuk, Tanja: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2021, , -.
Lee, Dong-Gyu; Kim, Su Hwan; Lee, Jiyun; Shin, Seokmin; Joo, Se Hun; Lee, Yeongdae; Park, Chanhyun; Kwon, Youngkook; Kwak, Sang Kyu; Song, Hyun-Kon: *NANO ENERGY*, 2021, 86, -.
Liu, Yuanwei; Wang, Li Jie; Zhang, Hao; Yuan, Hai Yang; Zhang, Qinghua; Gu, Lin; Wang, Hai Feng; Hu, P.; Liu, Peng Fei; Jiang, Zheng; Yang, Hua Gui: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2021, , -.
Zhang, Zhihua; Qi, Siyun; Song, Xiaohan; Wang, Juan; Zhang, Wenqing; Zhao, Mingwen: *APPLIED SURFACE SCIENCE*, 2021, 553, -.
Zheng Ruonan; Zhai Zihui; Qiu Chenxi; Gao Rui; Lv Yang; Song Yujiang: *CHEMICAL RESEARCH IN CHINESE UNIVERSITIES*, 2021, , -.
Zheng, Dong; Yu, Linhai; Liu, Wenxian; Dai, Xiaojing; Niu, Xinxin; Fu, Wangqin; Shi, Wenhui; Wu, Fangfang; Cao, Xiehong: *CELL REPORTS PHYSICAL SCIENCE*, 2021, 2, -.
Liu, Xu; Wang, Lei; Zhang, Guangying; Sun, Fanfei; Xing, Gengyu; Tian, Chungui; Fu, Honggang: *CHEMICAL ENGINEERING JOURNAL*, 2021, 414, -.
Peng, Li-Juan; Huang, Jie-Ping; Pan, Qiu-Ren; Liang, Ying; Yin, Na; Xu, Hang-Chang; Li, Nan: *RSC ADVANCES*, 2021, 11, 19406-19416.
Huang, Jinzhen; Sheng, Hongyuan; Ross, R. Dominic; Han, Jiecai; Wang, Xianjie; Song, Bo; Jin, Song: *NATURE COMMUNICATIONS*, 2021, 12, -.
Peng, Yuman; Hajiyani, Hamidreza; Pentcheva, Rossitza: *ACS CATALYSIS*, 2021, 11, 5601-5613.
Ooka, Hideshi; Huang, Jun; Exner, Kai S.: *FRONTIERS IN ENERGY RESEARCH*, 2021, 9, -.
Busch, Michael; Ahlberg, Elisabet; Laasonen, Kari: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2021, 23, 11727-11737.
Meng, Hongjie; Pei, Supeng; Li, Hong; Zhang, Yongming: *ACS OMEGA*, 2021, 6, 11059-11067.
Kim, Taekyung; Kim, Byeongyoon; Kwon, Taehyun; Kim, Ho Young; Kim, Jin Young; Lee, Kwangyeol: *MATERIALS CHEMISTRY FRONTIERS*, 2021, 5, 4445-4473.
Yan, Lei; Xu, Zhuying; Hu, Weikang; Ning, Jiqiang; Zhong, Yijun; Hu, Yong: *NANO ENERGY*, 2021, 82, -.
Pedersen, Jack K.; Batchelor, Thomas A. A.; Yan, Dengxin; Skjegstad, Lars Erik J.; Rossmeisl, Jan: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2021, 26, -.

Ilic, Ivan K.; Oschatz, Martin: *SMALL*, 2021, 17, -.
Li, Leigang; Wang, Pengtang; Shao, Qi; Huang, Xiaoqing: *ADVANCED MATERIALS*, 2021, , -.
Askari, Sadegh; Mariotti, Davide; McGlynn, Ruairi; Benedikt, Jan: *ENERGY TECHNOLOGY*, 2021, 9, -.
Wodrich, Matthew D.; Sawatlon, Boodsarin; Busch, Michael; Corminboeuf, Clemence: *ACCOUNTS OF CHEMICAL RESEARCH*, 2021, 54, 1107-1117.
Zhang, Wenqing; Bu, Hongxia; Wang, Juan; Zhao, Lanling; Qu, Yuanyuan; Zhao, Mingwen: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 4221-4229.
Verma, Anand M.; Honkala, Karoliina; Melander, Marko M.: *FRONTIERS IN ENERGY RESEARCH*, 2021, 8, -.
Holby, Edward F.: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2021, 25, -.
Wang, Jian; Kong, Hui; Zhang, Jinying; Hao, Yong; Shao, Zongping; Ciucci, Francesco: *PROGRESS IN MATERIALS SCIENCE*, 2021, 116, -.
Zeradjanin, Aleksandar R.; Masa, Justus; Spanos, Ioannis; Schlogl, Robert: *FRONTIERS IN ENERGY RESEARCH*, 2021, 8, -.
Marini, Emanuele; Joerissen, Ludwig; Brimaud, Sylvain: *JOURNAL OF POWER SOURCES*, 2021, 482, -.
Gono, Patrick; Pasquarello, Alfredo: *JOURNAL OF CHEMICAL PHYSICS*, 2021, 154, -.
Limani, N.; Boudet, A.; Blanchard, N.; Jousselme, B.; Cornut, R.: *CHEMICAL SCIENCE*, 2021, 12, 71-98.
Lee, Ji Hoon; Kattel, Shyam; Wang, Yan; Tackett, Brian M.; Xie, Zhenhua; Hwang, Sooyeon; Denny, Steven R.; Xu, Wenqian; Chen, Jingguang G.: *JOURNAL OF CATALYSIS*, 2021, 393, 390-398.
Noor, Tayyaba; Yaqoob, Lubna; Iqbal, Naseem: *CHEMELECTROCHEM*, 2021, 8, 447-483.
Luo, Minghe; Sun, Wenping; Xu, Ben Bin; Pan, Hongge; Jiang, Yinzhu: *ADVANCED ENERGY MATERIALS*, 2021, 11, -.
Bai, Lichen; Lee, Seunghwa; Hu, Xile: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2021, 60, 3095-3103.
Goerlin, Mikaela; Halldin Stenlid, Joakim; Koroidov, Sergey; Wang, Hsin-Yi; Boerner, Mia; Shipilin, Mikhail; Kalinko, Aleksandr; Murzin, Vadim; Safonova, Olga V.; Nachtegaal, Maarten; Uheida, Abdusalam; Dutta, Joydeep; Bauer, Matthias; Nilsson, Anders; Di: *NATURE COMMUNICATIONS*, 2020, 11, -.
Busch, Michael; Laasonen, Kari; Ahlberg, Elisabet: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2020, 22, 25833-25840.
Dhokale, Bhausaheb; Susarrey-Arce, Arturo; Pekkari, Anna; Runemark, August; Moth-Poulsen, Kasper; Langhammer, Christoph; Harelind, Hanna; Busch, Michael; Vandichel, Matthias; Sunden, Henrik: *CHEMCATCHEM*, 2020, 12, 6344-6355.
Exner, Kai S.: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2020, 45, 27221-27229.
Miyahara, Yuto; Fukutsuka, Tomokazu; Abe, Takeshi; Miyazaki, Kohei: *CHEMISTRY OF MATERIALS*, 2020, 32, 8195-8202.
Wu, Hengbo; Wang, Jie; Jin, Wei; Wu, Zexing: *NANOSCALE*, 2020, 12, 18497-18522.
Jensen, Kim Degn; Pedersen, Anders Filsoe; Zamburlini, Eleonora; Stephens, Ifan Erfyl Lester; Chorkendorff, Ib; Escudero-Escribano, Maria: *CATALYSTS*, 2020, 10, -.
Younus, H. A.; Vandichel, M.; Ahmad, N.; Ahlberg, E.; Busch, M.; Verpoort, F.: *MATERIALS TODAY ENERGY*, 2020, 17, -.
Tian, Yuhui; Xu, Li; Qiu, Jingxia; Liu, Xianhu; Zhang, Shanqing: *SUSTAINABLE MATERIALS AND TECHNOLOGIES*, 2020, 25, -.
Ali, Maryum; Pervaiz, Erum; Noor, Tayyaba; Rabi, Osama; Zahra, Rubab; Yang, Minghui: *INTERNATIONAL JOURNAL OF ENERGY RESEARCH*, 2021, 45, 1190-1226.
Saha, Sulay; Gupta, Prashant Kumar; Pala, Raj Ganesh S.: *WILEY INTERDISCIPLINARY REVIEWS-ENERGY AND ENVIRONMENT*, 2021, 10, -.
Valter, Mikael; dos Santos, Egon Campos; Pettersson, Lars G. M.; Hellman, Anders: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2020, 124, 17907-17915.
Han, Chao; Li, Weijie; Liu, Hua Kun; Dou, Shixue; Wang, Jiazhao: *NANO ENERGY*, 2020, 74, -.
Vandichel, Matthias; Laasonen, Kari; Kondov, Ivan: *TOPICS IN CATALYSIS*, 2020, 63, 833-845.
Li, Yang; Zuo, Shouwei; Wu, Xin; Li, Qiaohong; Zhang, Jing; Zhang, Huabin; Zhang, Jian: *SMALL*, 2021, 17, -.
Gallenkamp, Charlotte; Kramm, Ulrike, I; Proppe, Jonny; Krewald, Vera: *INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY*, 2021, 121, -.
Shi, Zhangsheng; Yang, Wenqing; Gu, Yuantong; Liao, Ting; Sun, Ziqi: *ADVANCED SCIENCE*, 2020, 7, -.
Pala, Raj Ganesh S.: *FRONTIERS IN CHEMISTRY*, 2020, 8, -.
He, Yanghua; Liu, Shengwen; Priest, Cameron; Shi, Qiurong; Wu, Gang: *CHEMICAL SOCIETY REVIEWS*, 2020, 49, 3484-3524.
Wan, Hao; Jensen, Anders W.; Escudero-Escribano, Maria; Rossmeisl, Jan: *ACS CATALYSIS*, 2020, 10, 5979-5989.
Habrioux, Aurelien; Morais, Claudia; Napporn, Teko W.; Kokoh, Boniface: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2020, 21, 146-159.
Exner, Kai S.: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2020, 59, 10236-10240.
Wang, Junru; Fan, Yingcai; Qi, Siyun; Li, Weifeng; Zhao, Mingwen: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2020, 124, 9350-9359.
Kim, Ye Ji; Lee, Gyu Rac; Cho, Eugene N.; Jung, Yeon Sik: *ADVANCED MATERIALS*, 2020, 32, -.
Zhao, Guoqiang; Rui, Kun; Dou, Shi Xue; Sun, Wenping: *JOURNAL OF MATERIALS CHEMISTRY A*, 2020, 8, 6393-6405.
Ren, Shuangshuang; Duan, Xinde; Liang, Shuai; Zhang, Mingdao; Zheng, Hegen: *JOURNAL OF MATERIALS CHEMISTRY A*, 2020, 8, 6144-6182.

Pique, Oriol; Illas, Francesc; Calle-Vallejo, Federico: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2020, 22, 6797-6803.
Hajiyani, Hamidreza; Pentcheva, Rossitza: *JOURNAL OF CHEMICAL PHYSICS*, 2020, 152, -.
Wang, Hao-Fan; Chen, Liyu; Pang, Huan; Kaskel, Stefan; Xu, Qiang: *CHEMICAL SOCIETY REVIEWS*, 2020, 49, 1414-1448.
Huu Chuong Nguyen; Andres Garces-Pineda, Felipe; De Fez-Febre, Mabel; Ramon Galan-Mascaros, Jose; Lopez, Nuria: *CHEMICAL SCIENCE*, 2020, 11, 2464-2471.
Trindell, Jamie A.; Duan, Zhiyao; Henkelman, Graeme; Crooks, Richard M.: *CHEMICAL REVIEWS*, 2020, 120, 814-850.
Vandichel, Matthias; Busch, Michael; Laasonen, Kari: *CHEMCATCHEM*, 2020, 12, 1436-1442.
Xiao, B. B.; Liu, H. Y.; Yang, L.; Song, E. H.; Jiang, X. B.; Jiang, Q.: *ACS APPLIED ENERGY MATERIALS*, 2020, 3, 260-267.
Huang, Zhen-Feng; Song, Jiajia; Dou, Shuo; Li, Xiaogang; Wang, Jiong; Wang, Xin: *MATTER*, 2019, 1, 1494-1518.
Babar, Pravin; Lokhande, Abhishek; Karade, Vijay; Lee, In Jae; Lee, Dongmin; Pawar, Sambhaji; Kim, Jin Hyeok: *JOURNAL OF COLLOID AND INTERFACE SCIENCE*, 2019, 557, 10-17.
Liu, Jieyu; Liu, Hui; Chen, Haijun; Du, Xiwen; Zhang, Bin; Hong, Zhanglian; Sun, Shuhui; Wang, Weichao: *ADVANCED SCIENCE*, 2020, 7, -.
Abarca, Gabriel; Viera, Marco; Aliaga, Carolina; Marco, Jose F.; Orellana, Walter; Zagal, Jose H.; Tasca, Federico: *JOURNAL OF MATERIALS CHEMISTRY A*, 2019, 7, 24776-24783.
Osmieri, Luigi; Ahluwalia, Rajesh K.; Wang, Xiaohua; Chung, Hoon T.; Yin, Xi; Kropf, A. Jeremy; Park, Jaehyung; Cullen, David A.; More, Karren L.; Zelenay, Piotr; Myers, Deborah J.; Neyerlin, K. C.: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2019, 257, -.
Svane, Katrine L.; Reda, Mateusz; Vegge, Tejs; Hansen, Heine A.: *CHEMSUSCHEM*, 2019, 12, 5133-5141.
Shan, Jieqiong; Zheng, Yao; Shi, Bingyang; Davey, Kenneth; Qiao, Shi-Zhang: *ACS ENERGY LETTERS*, 2019, 4, 2719-2730.
Perez-Ramirez, Javier; Lopez, Nuria: *NATURE CATALYSIS*, 2019, 2, 971-976.
Han, Chao; Li, Weijie; Liu, Hua-Kun; Dou, Shixue; Wang, Jiazhao: *MATERIALS HORIZONS*, 2019, 6, 1812-1827.
Singh, Harsimranjit; Zhuang, Shiqiang; Ingis, Benjamin; Nunna, Bharath Babu; Lee, Eon Soo: *CARBON*, 2019, 151, 160-174.
Wang, Hao-Fan; Xu, Qiang: *MATTER*, 2019, 1, 565-595.
Ferre-Vilaplana, Adolfo; Herrero, Enrique: *SUSTAINABLE ENERGY & FUELS*, 2019, 3, 2391-2398.
Martinez, Ulises; Babu, Siddharth Komini; Holby, Edward F.; Chung, Hoon T.; Yin, Xi; Zelenay, Piotr: *ADVANCED MATERIALS*, 2019, 31, -.
Artyushkova, Kateryna; Rojas-Carbonell, Santiago; Santoro, Carlo; Weiler, Elizabeth; Serov, Alexey; Awais, Roxanne; Gokhale, Rohan Rajeev; Atanassov, Plamen: *ACS APPLIED ENERGY MATERIALS*, 2019, 2, 5406-5418.
Wu, Jian; Lin, Lingling; Morvan, Francois J.; Du, Juan; Fan, Weibin: *INORGANIC CHEMISTRY FRONTIERS*, 2019, 6, 2014-2023.
Chen, Mengjie; He, Yanghua; Spendelow, Jacob S.; Wu, Gang: *ACS ENERGY LETTERS*, 2019, 4, 1619-1633.
Perry, Samuel C.; Pangotra, Dhananjai; Vieira, Luciana; Csepei, Lenard-Istvan; Sieber, Volker; Wang, Ling; de Leon, Carlos Ponce; Walsh, Frank C.: *NATURE REVIEWS CHEMISTRY*, 2019, 3, 442-458.
Liu, Zong; Yu, Xu; Xue, Huaiguo; Feng, Ligang: *JOURNAL OF MATERIALS CHEMISTRY A*, 2019, 7, 13242-13248.
Govindarajan, Nitish; Koper, Marc T. M.; Meijer, Evert Jan; Calle-Vallejo, Federico: *ACS CATALYSIS*, 2019, 9, 4218-4225.
Martinez-Hincapie, Ricardo; Climent, Victor; Feliu, Juan M.: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2019, 14, 16-22.
Holst-Olesen, Kaspar; Silvioli, Luca; Rossmeisl, Jan; Arenz, Matthias: *ACS CATALYSIS*, 2019, 9, 3082-3089.
Paul, Rajib; Du, Feng; Dai, Liming; Ding, Yong; Wang, Zhong Lin; Wei, Fei; Roy, Ajit: *ADVANCED MATERIALS*, 2019, 31, -.
Song, Fang; Busch, Michael M.; Lassalle-Kaiser, Benedikt; Hsu, Chia-Shuo; Petkucheva, Elitsa; Bensimon, Michael; Chen, Hao Ming; Corminboeuf, Clemence; Hu, Xile: *ACS CENTRAL SCIENCE*, 2019, 5, 558-568.
Deng, Yijie; Chi, Bin; Tian, Xinlong; Cui, Zhiming; Liu, Ershuai; Jia, Qingying; Fan, Wenjun; Wang, Guanghua; Dang, Dai; Li, Minsi; Zang, Ketao; Luo, Jun; Hu, Yongfeng; Liao, Shijun; Sun, Xueliang; Mukerjee, Sanjeev: *JOURNAL OF MATERIALS CHEMISTRY A*, 2019, 7, 5020-5030.
Wang, Miao; Dong, Chung-Li; Huang, Yu-Cheng; Shen, Shaohua: *JOURNAL OF CATALYSIS*, 2019, 371, 262-269.
Nsanzimana, Jean Marie Vianney; Dangol, Raksha; Reddu, Vikas; Duo, Shou; Peng, Yeucheng; Khang Ngoc Dinh; Huang, Zhenfeng; Yan, Qingyu; Wang, Xin: *ACS APPLIED MATERIALS & INTERFACES*, 2019, 11, 846-855.
Wan, Hao; Ostergaard, Thomas Mandal; Arnarson, Logi; Rossmeisl, Jan: *ACS SUSTAINABLE CHEMISTRY & ENGINEERING*, 2019, 7, 611-617.
An, Li; Zhang, Zhiyong; Feng, Jianrui; Lv, Fan; Li, Yuxuan; Wang, Rui; Lu, Min; Gupta, Ram B.; Xi, Pinxian; Zhang, Sen: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2018, 140, 17624-17631.
Hajiyani, Hamidreza; Pentcheva, Rossitza: *ACS CATALYSIS*, 2018, 8, 11773-11782.
Khan, Muhammad Arif; Zhao, Hongbin; Zou, Wenwen; Chen, Zhe; Cao, Wenjuan; Fang, Jianhui; Xu, Jiaqiang; Zhang, Lei; Zhang, Jiujun: *ELECTROCHEMICAL ENERGY REVIEWS*, 2018, 1, 483-530.
Murdachaew, Garold; Laasonen, Kari: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 25882-25892.

Wang, Hao-Fan; Tang, Cheng; Zhang, Qiang: *ADVANCED FUNCTIONAL MATERIALS*, 2018, 28, -.
Chen, Junxiang; Chen, Yongting; Li, Peng; Wen, Zhenhai; Chen, Shengli: *ACS CATALYSIS*, 2018, 8, 10590-10598.
Sofia Varela, Ana; Ju, Wen; Strasser, Peter: *ADVANCED ENERGY MATERIALS*, 2018, 8, -.
He, Juan; Zhong, Yijun; Xu, Qing; Sun, Hainan; Zhou, Wei; Shao, Zongping: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2018, 165, B543-B550.
Escudero-Escribano, Maria; Pedersen, Anders F.; Ulrikkeholm, Elisabeth T.; Jensen, Kim D.; Hansen, Martin H.; Rossmeisl, Jan; Stephens, Ifan E. L.; Chorkendorff, Ib: *CHEMISTRY-A EUROPEAN JOURNAL*, 2018, 24, 12280-12290.
Song, Fang; Bai, Lichen; Moysiadou, Aliki; Lee, Seunghwa; Hu, Chao; Liardet, Laurent; Hu, Xile: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2018, 140, 7748-7759.
Larses, Patrik; Gomes, Adriano S. O.; Ahlberg, Elisabet; Busch, Michael: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2018, 819, 114-122.
Busch, Michael; Fabrizio, Alberto; Luber, Sandra; Hutter, Jurg; Corminboeuf, Clemence: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 12404-12412.
Matanovic, Ivana; Artyushkova, Kateryna; Atanassov, Plamen: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 9, 137-144.
Busch, Michael: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 9, 278-284.
Martinez, Ulises; Babu, Siddharth Komini; Holby, Edward F.; Zelenay, Piotr: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 9, 224-232.
Valter, Mikael; Busch, Michael; Wickman, Bjorn; Gronbeck, Henrik; Baltrusaitis, Jonas; Hellman, Anders: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 10489-10494.
Huang, Jun; Zhang, Jianbo; Eikerling, Michael: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2018, 20, 11776-11786.
Malek, Ali; Eikerling, Michael H.: *ELECTROCATALYSIS*, 2018, 9, 370-379.
Arnarson, Logi; Schmidt, Per S.; Pandey, Mohnish; Bagger, Alexander; Thygesen, Kristian S.; Stephens, Ifan E. L.; Rossmeisl, Jan: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2018, 20, 11152-11159.
Schilling, Mauro; Luber, Sandra: *FRONTIERS IN CHEMISTRY*, 2018, 6, -.
Wodrich, Matthew D.; Sawatlon, Boodsarin; Busch, Michael; Corminboeuf, Clemence: *CHEMCATCHEM*, 2018, 10, 1586-1591.
Kulkarni, Ambarish; Siahrostami, Samira; Patel, Anjli; Norskov, Jens K.: *CHEMICAL REVIEWS*, 2018, 118, 2302-2312.
Govindarajan, Nitish; Garcia-Lastra, Juan M.; Meijer, Evert Jan; Calle-Vallejo, Federico: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 8, 110-117.
Rodriguez-Garcia, Barbara; Reyes-Carmona, Alvaro; Jimenez-Morales, Ignacio; Blasco-Ahicart, Marta; Cavaliere, Sara; Dupont, Marc; Jones, Deborah; Roziere, Jacques; Ramon Galan-Mascaros, Jose; Jaouen, Frederic: *SUSTAINABLE ENERGY & FUELS*, 2018, 2, 589-597.
Escudero-Escribano, Maria; Jensen, Kim D.; Jensen, Anders W.: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 8, 135-146.
Leonard, Nathaniel D.; Wagner, Stephan; Luo, Fang; Steinberg, Julian; Ju, Wen; Weidler, Natascha; Wang, Huan; Kramm, Ulrike I.; Strasser, Peter: *ACS CATALYSIS*, 2018, 8, 1640-1647.
Chenitz, Regis; Kramm, Ulrike I.; Lefevre, Michel; Glibin, Vassili; Zhang, Gaixia; Sun, Shuhui; Dodelet, Jean-Pol: *ENERGY & ENVIRONMENTAL SCIENCE*, 2018, 11, 365-382.
Bi, Yongmin; Cai, Zhao; Zhou, Daojin; Tian, Yang; Zhang, Qian; Zhang, Qian; Kuang, Yun; Li, Yaping; Sun, Xiaoming; Duan, Xue: *JOURNAL OF CATALYSIS*, 2018, 358, 100-107.
Chen, Mengjie; Wang, Lei; Yang, Haipeng; Zhao, Shuai; Xu, Hui; Wu, Gang: *JOURNAL OF POWER SOURCES*, 2018, 375, 277-290.
Wagner, S.; Martinaiou, I.; Shahraei, A.; Weidler, N.; Kramm, U. I.: *HYPERFINE INTERACTIONS*, 2018, 239, -.
Busch, Michael; Wang, Richard Baochang; Hellman, Anders; Rossmeisl, Jan; Gronbeck, Henrik: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 216-226.
Alonso-Vante, Nicolas: *CHALCOGENIDE MATERIALS FOR ENERGY CONVERSION: PATHWAYS TO OXYGEN AND HYDROGEN REACTIONS*, 2018, , 27-60.
Davari, E.; Ivey, D. G.: *SUSTAINABLE ENERGY & FUELS*, 2018, 2, 39-67.
Wang, Jinsong; Liu, Jia; Zhang, Bao; Wan, Houzhao; Li, Zhishan; Ji, Xiao; Xu, Kui; Chen, Chi; Zha, Dace; Miao, Ling; Jiang, Jianjun: *NANO ENERGY*, 2017, 42, 98-105.
Bagger, Alexander; Ju, Wen; Sofia Varela, Ana; Strasser, Peter; Rossmeisl, Jan: *CHEMPHYSCHEM*, 2017, 18, 3266-3273.
Kim, Yong-Tae; Lopes, Pietro Papa; Park, Shin-Ae; Lee, A-Yeong; Lim, Jinkyu; Lee, Hyunjoo; Back, Seoin; Jung, Yousung; Danilovic, Nemanja; Stamenkovic, Vojislav; Erlebacher, Jonah; Snyder, Joshua; Markovic, Nenad M.: *NATURE COMMUNICATIONS*, 2017, 8, -.
Ju, Wen; Bagger, Alexander; Hao, Guang-Ping; Sofia Varela, Ana; Sinev, Ilya; Bon, Volodymyr; Roldan Cuenya, Beatriz; Kaskel, Stefan; Rossmeisl, Jan; Strasser, Peter: *NATURE COMMUNICATIONS*, 2017, 8, -.
Zitolo, Andrea; Ranjbar-Sahraie, Nastaran; Mineva, Tzonka; Li, Jingkun; Jia, Qingying; Stamatin, Serban; Harrington, George F.; Lyth, Stephen Mathew; Krtil, Petr; Mukerjee, Sanjeev; Fonda, Emiliano; Jaouen, Frederic: *NATURE COMMUNICATIONS*, 2017, 8, -.
Hansen, Martin Hangaard; Nilsson, Anders; Rossmeisl, Jan: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2017, 19, 23505-23514.
Tahir, Muhammad; Pan, Lun; Idrees, Faryal; Zhang, Xiangwen; Wang, Li; Zou, Ji-Jun; Wang, Zhong Lin: *NANO ENERGY*, 2017, 37, 136-157.

Zeng, Zhenhua; Chang, Kee-Chul; Kubal, Joseph; Markovic, Nenad M.; Greeley, Jeffrey: *NATURE ENERGY*, 2017, 2, -.
Risch, Marcel: *CATALYSTS*, 2017, 7, -.
Ji, Dongxiao; Peng, Shengjie; Lu, Jia; Li, Linlin; Yang, Shengyuan; Yang, Guorui; Qin, Xiaohong; Srinivasan, Madhavi; Ramakrishna, Seeram: *JOURNAL OF MATERIALS CHEMISTRY A*, 2017, 5, 7507-7515.
Li, Mian; Liu, Tingting; Bo, Xiangjie; Zhou, Ming; Guo, Liping: *JOURNAL OF MATERIALS CHEMISTRY A*, 2017, 5, 5413-5425.
Younus, Hussein A.; Ahmad, Nazir; Chughtai, Adeel H.; Vandichel, Matthias; Busch, Michael; Van Hecke, Kristof; Yusubov, Mekhman; Song, Shaoxian; Verpoort, Francis: *CHEMSUSCHEM*, 2017, 10, 862-875.
Singhal, Richa; Kalra, Vibha: *CHEMPHYSCHEM*, 2017, 18, 223-229.
Weidler, N.; Babu, D. J.; Martinaiou, I.; Paul, S.; Wagner, S.; Shahraei, A.; Janssen, A.; Stark, R. W.; Schneider, J. J.; Kramm, U. I.: *POLYMER ELECTROLYTE FUEL CELLS 17 (PEFC 17)*, 2017, 80, 691-700.

72. Lehtimaeki, M.; Hoffmannová, H.; Boytsova, O.; Bastl, Z.; Busch, M.; Halck, N. B.; Rossmeisl, J.; Krtil, P.; Targeted design of alpha-MnO_2 based catalysts for oxygen reduction. *Electrochimica Acta* **2016**, *191*, 452-461. DOI: 10.1016/j.electacta.2016.01.070. IF= 6.901, Počet citací: 21

Citováno v:
Chen, Wenwen; Liu, Zhongliang; Li, Yanxia; Liao, Qiang; Zhu, Xun: *ENERGY*, 2021, 222, -.
Lin, Liangxu; Xu, Na; Wu, Chang; Huang, Juntong; Nattestad, Andrew; Zheng, Xueling; Wallace, Gordon G.; Zhang, Shaowei; Chen, Jun: *MATTER*, 2021, 4, 955-968.
Zhang, Hao; Wang, Zhiqiang; Ma, Chenglong; Zhou, Zhenhua; Cao, Limei; Yang, Ji: *CHEMSUSCHEM*, 2020, 13, 6613-6620.
Liang, Yan; Yang, Yong; Xu, Keng; Yu, Ting; Peng, Qi; Yao, Shenman; Yuan, Cailei: *SENSORS AND ACTUATORS B-CHEMICAL*, 2020, 304, -.
Li, Yahao; Li, Qingyu; Wang, Hongqiang; Zhang, Lei; Wilkinson, David P.; Zhang, Jiujun: *ELECTROCHEMICAL ENERGY REVIEWS*, 2019, 2, 518-538.
Ojha, Gunendra Prasad; Gautam, Jagadis; Muthurasu, Alagan; Lee, Minju; Dahal, Bipeen; Mukhiya, Tanka; Lee, Joong Hee; Tiwari, Arjun Prasad; Chhetri, Kisan; Kim, Hak Yong: *COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS*, 2019, 568, 311-318.
Ju, Ji Young; Ji, Seulgi; Unithrattil, Sanjith; Lee, Sun Sook; Kim, Yongseon; Jung, Ha-kyun; Kang, Yongku; Im, Won Bin; Choi, Sungho: *CERAMICS INTERNATIONAL*, 2019, 45, 9522-9528.
Song, Fang; Busch, Michael M.; Lassalle-Kaiser, Benedikt; Hsu, Chia-Shuo; Petkucheva, Elitsa; Bensimon, Michael; Chen, Hao Ming; Corminboeuf, Clemence; Hu, Xile: *ACS CENTRAL SCIENCE*, 2019, 5, 558-568.
Xu, Kebin; Lin, Xiuxia; Wang, Xiufang; Li, Ligui; Zhu, Zaisheng; Tian, Yong: *APPLIED SURFACE SCIENCE*, 2018, 459, 782-787.
Ju, Ji Young; Ji, Seulgi; Kim, Jin Kyu; Choi, Seul Ki; Unithrattil, Sanjith; Lee, Sun Sook; Kang, Yongku; Kim, Yongseon; Im, Won Bin; Choi, Sungho: *ELECTROCHIMICA ACTA*, 2018, 290, 322-331.
Mondal, Dheeraj; Paul, Biplab Kumar; Das, Santanu; Bhattacharya, Debopriya; Ghoshal, Debopriyo; Nandy, Papiya; Das, Kaustuv; Das, Sukhen: *LANGMUIR*, 2018, 34, 12702-12712.
Xue, Yejian; Sun, Shanshan; Wang, Qin; Dong, Zhenghao; Liu, Zhaoping: *JOURNAL OF MATERIALS CHEMISTRY A*, 2018, 6, 10595-10626.
Larses, Patrik; Gomes, Adriano S. O.; Ahlberg, Elisabet; Busch, Michael: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2018, 819, 114-122.
Wodrich, Matthew D.; Sawatlon, Boodsarin; Busch, Michael; Corminboeuf, Clemence: *CHEMCATCHEM*, 2018, 10, 1586-1591.
Aveiro, Luci R.; da Silva, Anderson G. M.; Antonin, Vanessa S.; Candido, Eduardo G.; Parreira, Luanna S.; Geonmonond, Rafael S.; de Freitas, Isabel C.; Lanza, Marcos R. V.; Camargo, Pedro H. C.; Santos, Mauro C.: *ELECTROCHIMICA ACTA*, 2018, 268, 101-110.
Kulkarni, Ambarish; Siahrostami, Samira; Patel, Anjli; Norskov, Jens K.: *CHEMICAL REVIEWS*, 2018, 118, 2302-2312.
Lubke, Mechthild; Sumboja, Afriyanti; McCafferty, Liam; Armer, Ceilidh F.; Handoko, Albertus D.; Du, Yonghua; McColl, Kit; Cora, Furio; Brett, Dan; Liu, Zhaolin; Darr, Jawwad A.: *CHEMISTRYSELECT*, 2018, 3, 2613-2622.
Vij, Varun; Sultan, Siraj; Harzandi, Ahmad M.; Meena, Abhishek; Tiwari, Jitendra N.; Lee, Wang-Geun; Yoon, Taeseung; Kim, Kwang S.: *ACS CATALYSIS*, 2017, 7, 7196-7225.
Wang, Ying; Liu, Qing; Hu, Tianjun; Zhang, Limin; Deng, Youquan: *APPLIED SURFACE SCIENCE*, 2017, 403, 51-56.
Younus, Hussein A.; Ahmad, Nazir; Chughtai, Adeel H.; Vandichel, Matthias; Busch, Michael; Van Hecke, Kristof; Yusubov, Mekhman; Song, Shaoxian; Verpoort, Francis: *CHEMSUSCHEM*, 2017, 10, 862-875.
Wodrich, Matthew D.; Busch, Michael; Corminboeuf, Clemence: *CHEMICAL SCIENCE*, 2016, 7, 5723-5735.

73. Hersbach, T. J. P.; Kortlever, R.; Lehtimaki, M.; Krtil, P.; Koper, M. T. M.; Local structure and composition of PtRh nanoparticles produced through cathodic corrosion. *Physical Chemistry Chemical Physics* **2017**, *19* (16), 10301-10308, Article. DOI: 10.1039/c7cp01059a. IF= 3.676, Počet citací: 10

Citováno v:
Zheng, Wenxiao; Zhu, Liuyi; Yan, Zhang; Lin, Zichao; Lei, Zhenchao; Zhang, Yifan; Xu, Haolin; Dang, Zhi; Wei, Chaohai; Feng, Chunhua: *ENVIRONMENTAL SCIENCE & TECHNOLOGY*, 2021, 55, 13231-13243.

Wirtanen, Tom; Prenzel, Tobias; Tessonnier, Jean-Philippe; Waldvogel, Siegfried R.: *CHEMICAL REVIEWS*, 2021, 121, 10241-10270.
Li, Rui; Xu, Jingsong; Zhao, Qingkai; Ren, Wensheng; Zeng, Rongguang; Pan, Qifa; Yan, Xiayan; Ba, Jingwen; Tang, Tao; Luo, Wenhua: *NANO RESEARCH*, 2021, , -.
Hersbach, Thomas J. P.; Koper, Marc T. M.: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2021, 26, -.
Arulmozhi, Nakkiran; Hersbach, Thomas J. P.; Koper, Marc T. M.: *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*, 2020, 117, 32267-32277.
Liu, Meng; Hof, Ferdinand; Moro, Miriam; Valenti, Giovanni; Paolucci, Francesco; Penicaud, Alain: *NANOSCALE*, 2020, 12, 20165-20170.
Fichtner, Johannes; Garlyyev, Batyr; Watzele, Sebastian; El-Sayed, Hany A.; Schwaemmlein, Jan N.; Li, Wei-Jin; Maillard, Frederic M.; Dubau, Laetitia; Michalicka, Jan; Macak, Jan M.; Holleitner, Alexander; Bandarenka, Aliaksandr S.: *ACS APPLIED MATERIALS & INTERFACES*, 2019, 11, 5129-5135.
Chepkasov, I. V.; Visotin, M. A.; Kovaleva, E. A.; Manakhov, A. M.; Baidyshev, V. S.; Popov, Z. I.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2018, 122, 18070-18076.
Feng, Jicheng; Chen, Dong; Sediq, Ahmad S.; Romeijn, Stefan; Tichelaar, Frans D.; Jiskoot, Wim; Yang, Jun; Koper, Marc T. M.: *ACS APPLIED MATERIALS & INTERFACES*, 2018, 10, 9532-9540.
Tenjimbayashi, Mizuki; Nishioka, Sachiko; Kobayashi, Yuta; Kawase, Koki; Li, Jiatu; Abe, Jyunichiro; Shiratori, Seimei: *LANGMUIR*, 2018, 34, 1386-1393.

74. Macounová, K. M.; Klusáčková, M.; Nebel, R.; Zukalova, M.; Klementová, M.; Castelli, I. E.; Spo, M. D.; Rossmeisl, J.; Kavan, L.; Krtil, P.; Synergetic Surface Sensitivity of Photoelectrochemical Water Oxidation on TiO_2 (Anatase) Electrodes. *Journal of Physical Chemistry C* **2017**, *121* (11), 6024-6032, Article. DOI: 10.1021/acs.jpcc.6b09289. IF=4.126 , Počet citací: 6

Citováno v:
Buravets, Vladislav; Macounová, Katerina Minhova; Nebel, Roman; Zukalova, Marketa; Kavan, Ladislav; Krtil, Petr: *ELECTROCATALYSIS*, 2021, 12, 15-25.
Xiao, Mu; Luo, Bin; Wang, Zhiliang; Wang, Songcan; Wang, Lianzhou: *SOLAR RRL*, 2020, 4, -.
Kenmoe, S.; Spohr, E.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 22691-22698.
Nebel, Roman; Macounová, Katerina Minhova; Tarabkova, Hana; Kavan, Ladislav; Krtil, Petr: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 10857-10867.
Kim, Won June; Han, Myung Hoon; Lebegue, Sebastian; Lee, Eok Kyun; Kim, Hyungjun: *FRONTIERS IN CHEMISTRY*, 2019, 7, -.
Isabel Diez-Garcia, Maria; Monllor-Satoca, Damian; Vinoth, Victor; Anandan, Sambandam; Lana-Villarreal, Teresa: *CHEMELECTROCHEM*, 2017, 4, 1429-1435

75. Zitolo, A.; Ranjbar-Sahraie, N.; Mineva, T.; Li, J. K.; Jia, Q. Y.; Stamatin, S.; Harrington, G. F.; Lyth, S. M.; Krtil, P.; Mukerjee, S.; et al;. Identification of catalytic sites in cobalt-nitrogen-carbon materials for the oxygen reduction reaction. *Nature Communications* **2017**, *8*, 11, Article. DOI: 10.1038/s41467-017-01100-7. IF=14.919 , Počet citací: 266

Citováno v:
Yao, Jingjing; Yu, Bolun; Li, Haipu; Yang, Ying: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2021, 298, -.
Kumar, Anuj; Vashistha, Vinod Kumar; Das, Dipak Kumar; Ibraheem, Shumaila; Yasin, Ghulam; Iqbal, Rashid; Nguyen, Tuan Anh; Gupta, K. Ram; Islam, Rasidul: *FUEL*, 2021, 304, -.
Lei, Ganchang; Tong, Yawen; Shen, Lijuan; Zheng, Yong; Liang, Shijing; Lin, Wei; Liu, Fujian; Cao, Yanning; Xiao, Yihong; Jiang, Lilong: *SMALL*, 2021, , -.
Sun, Yanyan; Polani, Shlomi; Luo, Fang; Ott, Sebastian; Strasser, Peter; Dionigi, Fabio: *NATURE COMMUNICATIONS*, 2021, 12, -.
Wang, Yu; You, Liming; Zhou, Kun: *CHEMICAL SCIENCE*, 2021, 12, 14065-14073.
Ye, Cheng-Wei; Xu, Lan: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 22218-22247.
Frank, Patrick; Benfatto, Maurizio: *JOURNAL OF PHYSICAL CHEMISTRY B*, 2021, 125, 10779-10795.
Chen, Baotong; Li, Boran; Tian, Ziqi; Liu, Wenbo; Liu, WenPing; Sun, Weiwei; Wang, Kang; Chen, Liang; Jiang, Jianzhuang: *ADVANCED ENERGY MATERIALS*, 2021, 11, -.
Yang, Ji; Liu, Wengang; Xu, Mingquan; Liu, Xiaoyan; Qi, Haifeng; Zhang, Leilei; Yang, Xiaofeng; Niu, Shanshan; Zhou, Dan; Liu, Yuefeng; Su, Yang; Li, Jian-Feng; Tian, Zhong-Qun; Zhou, Wu; Wang, Aiqin; Zhang, Tao: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2021, 143, 14530-14539.
Liu, Feng; Shi, Lei; Song, Shaofeng; Ge, Kai; Zhang, Xiaopeng; Guo, Yingchun; Liu, Dong: *SMALL*, 2021, 17, -.
Glibin, Vassili; Zhang, Gaixia; Dodelet, Jean-Pol; Sun, Shuhui: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2021, 168, -.
Kim, Jiheon; Yoo, Ji Mun; Lee, Hyeon Seok; Sung, Yung-Eun; Hyeon, Taeghwan: *TRENDS IN CHEMISTRY*, 2021, 3, 779-794.
Esposito, Anne Marie; Magana, Alexis; Thornburg, Eric S.; Haasch, Richard T.; Yang, Hong; Gewirth, Andrew A.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 17709-17717.
Feng, Jingyu; Cai, Rongsheng; Magliocca, Emanuele; Luo, Hui; Higgins, Luke; Romario, Giulio L. Fumagalli; Liang, Xiaoqiang; Pedersen, Angus; Xu, Zhen; Guo, Zhenyu; Periasamy, Arun; Brett, Dan; Miller, Thomas S.; Haigh, Sarah J.; Mishra, Bhoopesh; Titirici: *ADVANCED FUNCTIONAL MATERIALS*, 2021, , -.
Muhyuddin, Mohsin; Mustarelli, Piercarlo; Santoro, Carlo: *CHEMSUSCHEM*, 2021, 14, 3785-3800.

Lucchetti, Lanna E. B.; Almeida, Michell O.; de Almeida, James M.; Autreto, Pedro A. S.; Honorio, Kathia M.; Santos, Mauro C.: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2021, 895, -.
Kiani, Maryam; Tian, Xiao Qing; Zhang, Wenxing: *COORDINATION CHEMISTRY REVIEWS*, 2021, 441, -.
Hou, Shujin; Kluge, Regina M.; Haid, Richard W.; Gubanova, Elena L.; Watzele, Sebastian A.; Bandarenka, Aliaksandr S.; Garlyyev, Batyr: *CHEMELECTROCHEM*, 2021, 8, 3433-3456.
Xia, Chenfeng; Huang, Lei; Yan, Dafeng; Douka, Abdoulkader Ibro; Guo, Wei; Qi, Kai; Xia, Bao Yu: *ADVANCED FUNCTIONAL MATERIALS*, 2021, 31, -.
Jin, Xinxin; Xie, Yan; Zhao, Chaoyue; Xu, Yinghao; Lv, Yang; Wang, He; Chen, Li; Huang, Jiahui: *PROGRESS IN NATURAL SCIENCE-MATERIALS INTERNATIONAL*, 2021, 31, 527-535.
Zhang, Fengwei; Li, Jingjing; Liu, Peizhi; Li, Huan; Chen, Shuai; Li, Zhihong; Zan, Wen-Yan; Guo, Junjie; Zhang, Xian-Ming: *JOURNAL OF CATALYSIS*, 2021, 400, 40-49.
Benfatto, Maurizio; Della Longa, Stefano; Pace, Elisabetta; Chillemi, Giovanni; Padrin, Cristiano; Natoli, Calogero R.; Sanna, Nico: *COMPUTER PHYSICS COMMUNICATIONS*, 2021, 265, -.
Xiao, Meiling; Zhu, Jianbing; Li, Shuang; Li, Gaoran; Liu, Wenwen; Deng, Ya-Ping; Bai, Zhengyu; Ma, Lu; Feng, Ming; Wu, Tianpin; Su, Dong; Lu, Jun; Yu, Aiping; Chen, Zhongwei: *ACS CATALYSIS*, 2021, 11, 8837-8846.
Zhao, Xue; Hu, Guangzhi; Chen, Gao-Feng; Zhang, Haibo; Zhang, Shusheng; Wang, Haihui: *ADVANCED MATERIALS*, 2021, 33, -.
Nematollahi, Parisa; Neyts, Erik C.: *NANOMATERIALS*, 2021, 11, -.
Xie, Chuyi; Wang, Qijun; Xiao, Chen; Yang, Lite; Lan, Minqiu; Yang, Shengxiong; Xiao, Junwu; Xiao, Fei; Wang, Shuai: *CARBON*, 2021, 178, 640-648.
Ye, Guanying; Wang, Siyuan; Liu, Suqin; He, Zhen; Wang, Jue: *CHEMICAL COMMUNICATIONS*, 2021, 57, 7108-7111.
Jiao, Li; Li, Jingkun; Richard, Lynne LaRochelle; Sun, Qiang; Stracensky, Thomas; Liu, Ershuai; Sougrati, Moulay Tahar; Zhao, Zipeng; Yang, Fan; Zhong, Sichen; Xu, Hui; Mukerjee, Sanjeev; Huang, Yu; Cullen, David A.; Park, Jae Hyung; Ferrandon, Magali; My: *NATURE MATERIALS*, 2021, 20, 1385-+.
Yang, Hongzhou; Shi, Run; Shang, Lu; Zhang, Tierui: *SMALL STRUCTURES*, 2021, 2, -.
Meng, Ge; Zhang, Jian; Li, Xinyuan; Wang, Dingsheng; Li, Yadong: *APPLIED PHYSICS REVIEWS*, 2021, 8, -.
Specchia, Stefania; Atanassov, Plamen; Zagal, Jose H.: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2021, 27, -.
Kiani, Maryam; Tian, Xiao Qing; Zhang, Wenxing: *JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS*, 2021, 153, -.
Hong, Wei; Meza, Erika; Li, Christina W.: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 19865-19873.
Ratso, Sander; Walke, Peter Robert; Mikli, Valdek; Locs, Janis; Smits, Krisjanis; Vitola, Virginija; Sutka, Andris; Kruusenberg, Ivar: *GREEN CHEMISTRY*, 2021, 23, 4435-4445.
Bae, Geunsu; Kim, Haesol; Choi, Hansol; Jeong, Pyeonghwa; Kim, Dong Hyun; Kwon, Han Chang; Lee, Kug-Seung; Choi, Minkee; Oh, Hyung-Suk; Jaouen, Frederic; Choi, Chang Hyuck: *JACS AU*, 2021, 1, 586-597.
Manna, Narugopal; Singh, Santosh K.; Kharabe, Geeta Pandurang; Torris, Arun; Kurungot, Sreekumar: *ACS APPLIED ENERGY MATERIALS*, 2021, 4, 4570-4580.
Wang, Kai; Liu, Jiapeng; Tang, Zhenghua; Li, Ligui; Wang, Zheng; Zubair, Muhammad; Ciucci, Francesco; Thomsen, Lars; Wright, Joshua; Bedford, Nicholas M.: *JOURNAL OF MATERIALS CHEMISTRY A*, 2021, 9, 13044-13055.
Wu, Xiao-Tong; Peng, Li-Juan; Xiao, Kang; Li, Nan; Liu, Zhao-Qing: *CHEMICAL COMMUNICATIONS*, 2021, 57, 5258-5261.
Zhong, Li; Huang, Qi; Ding, Junyang; Guo, Yuanyuan; Wang, Xian; Chai, Lulu; Li, Ting-Ting; Hu, Yue; Qian, Jinjie; Huang, Shaoming: *JOURNAL OF POWER SOURCES*, 2021, 492, -.
Yoo, Ji Mun; Shin, Heejong; Park, Subin; Sung, Yung-Eun: *JOURNAL OF PHYSICS D-APPLIED PHYSICS*, 2021, 54, -.
Zhang, Yangyu; Li, Jiejie; Cai, Jihui; Yang, Linlin; Zhang, Tianhua; Lin, Jianxin; Wang, Xiuyun; Chen, Chongqi; Zheng, Lirong; Au, Chak-tong; Yang, Bo; Jiang, Lilong: *ACS CATALYSIS*, 2021, 11, 4430-4440.
Saveleva, Viktoriia A.; Ebner, Kathrin; Ni, Lingmei; Smolentsev, Grigory; Klose, Daniel; Zitolo, Andrea; Marelli, Elena; Li, Jingkun; Medarde, Marisa; Safonova, Olga V.; Nachtegaal, Maarten; Jaouen, Frederic; Kramm, Ulrike I.; Schmidt, Thomas J.; Herranz,: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2021, 60, 11707-11712.
Zha, Zhengtai; Zhang, Zhi; Xiang, Ping; Zhu, Hongyi; Shi, Xueping; Chen, Shihao: *SCIENCE OF THE TOTAL ENVIRONMENT*, 2021, 764, -.
Iwase, Kazuyuki; Ebner, Kathrin; Diercks, Justus S.; Saveleva, Viktoriia A.; Unsal, Secil; Krumeich, Frank; Harada, Takashi; Honma, Itaru; Nakanishi, Shuji; Kamiya, Kazuhide; Schmidt, Thomas J.; Herranz, Juan: *ACS APPLIED MATERIALS & INTERFACES*, 2021, 13, 15122-15131.
Wang, Xuewan; Sun, Jinmeng; Li, Tingting; Song, Zhongxin; Wu, Dan; Zhao, Bin; Xiang, Kun; Ai, Wei; Fu, Xian-Zhu; Luo, Jing-Li: *ENERGY STORAGE MATERIALS*, 2021, 36, 409-416.
Liu, Haipeng; Zhu, Shengli; Cui, Zhenduo; Li, Zhaoyang; Wu, Shuilin; Liang, Yanqin: *JOURNAL OF CATALYSIS*, 2021, 396, 402-408.
Long, Zhixin; Ao, Chengcheng; Huang, Li; Zhang, Wei; Liu, Chengyong; Zhang, Lidong; He, Wenxue; Wang, Siyu; Pan, Ya; Sun, Zhihu: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 6735-6742.
Wang, Zengjie; Zhou, Hongpeng; Xue, Jilai; Liu, Xuan; Liu, Shizhe; Li, Xiang; He, Dingyong: *ULTRASONICS SONOCHEMISTRY*, 2021, 72, -.

Zheng, Xiaobo; Li, Peng; Dou, Shixue; Sun, Wenping; Pan, Hongge; Wang, Dingsheng; Li, Yadong: *ENERGY & ENVIRONMENTAL SCIENCE*, 2021, 14, 2809-2858.
Li, Guang-Lan; Yang, Bei-Bei; Xu, Xiao-Cun; Cao, Shuo; Shao, Xinyu; Fu, Xudong; Shi, Yantao; Yan, Yang; Song, Xuedan; Hao, Ce: *APPLIED SURFACE SCIENCE*, 2021, 543, -.
Kim, Dong Hyun; Ringe, Stefan; Kim, Haesol; Kim, Sejun; Kim, Bupmo; Bae, Geunsu; Oh, Hyung-Suk; Jaouen, Frederic; Kim, Wooyul; Kim, Hyungjun; Choi, Chang Hyuck: *NATURE COMMUNICATIONS*, 2021, 12, -.
Yu, Lin-Qian; Xia, Wen-Jing; Ma, Wen-Jie; Wen, Te-Er; Chen, Shu-La; Jin, Feng; Huang, Bao-Cheng; Jin, Ren-Cun: *ACS APPLIED MATERIALS & INTERFACES*, 2021, 13, 13534-13540.
Xiao, He; Li, Bo; Zhao, Man; Li, Ya; Hu, Tianjun; Jia, Jianfeng; Wu, Haishun: *CHEMICAL COMMUNICATIONS*, 2021, 57, 4118-4121.
Liu, Haipeng; Zhou, Yiyang; Zhu, Shengli; Zheng, Lirong; Cui, Zhenduo; Li, Zhaoyang; Wu, Shuilin; Ma, Lili; Liang, Yanqin: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2021, 857, -.
Yin, Ximeng; Liu, Qian; Ding, Yichun; Chen, Kai; Cai, Pingwei; Wen, Zhenhai: *CHEMELECTROCHEM*, 2021, 8, 1107-1116.
He, Yanghua; Shi, Qiurong; Shan, Weitao; Li, Xing; Kropf, A. Jeremy; Wegener, Evan C.; Wright, Joshua; Karakalos, Stavros; Su, Dong; Cullen, David A.; Wang, Guofeng; Myers, Deborah J.; Wu, Gang: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2021, 60, 9516-9526.
Wu, Mingjie; Zhang, Gaixia; Hu, Yongfeng; Wang, Jian; Sun, Tianxiao; Regier, Tom; Qiao, Jinli; Sun, Shuhui: *CARBON ENERGY*, 2021, 3, 176-187.
Wang, A.; Hu, Y.; Wang, H.; Cheng, Y.; Thomas, T.; Ma, R.; Wang, J.: *MATERIALS TODAY PHYSICS*, 2021, 17, -.
Wang, Yu; Yu, Honghao; Zhu, Liangkui; Shi, Zhiqiang; Wang, Runwei; Zhang, Zongtao; Qiu, Shilun: *JOURNAL OF COLLOID AND INTERFACE SCIENCE*, 2021, 585, 276-286.
Luo, Ergui; Chu, Yuyi; Liu, Jie; Shi, Zhaoping; Zhu, Siyuan; Gong, Liyuan; Ge, Junjie; Choi, Chang Hyuck; Liu, Changpeng; Xing, Wei: *ENERGY & ENVIRONMENTAL SCIENCE*, 2021, 14, 2158-2185.
Kisand, Kaarel; Sarapuu, Ave; Danilian, Dmytro; Kikas, Arvo; Kisand, Vambola; Rahn, Mihkel; Treshchalov, Alexey; Kaarik, Maike; Merisalu, Maido; Paiste, Paarn; Aruvali, Jaan; Leis, Jaan; Sammelselg, Vaino; Holdcroft, Steven; Tammeveski, Kaido: *JOURNAL OF COLLOID AND INTERFACE SCIENCE*, 2021, 584, 263-274.
Fang, Lingzhe; Seifert, Soenke; Winans, Randall E.; Li, Tao: *SMALL METHODS*, 2021, 5, -.
Ma, Li-Juan; Hao, Wenshu; Han, Ting; Rong, Yifei; Jia, Jianfeng; Wu, Hai-Shun: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2021, 46, 7390-7401.
Lin, Chu-Hong; Yang, Meng; Li, Pei-Hua; Huang, Xing-Jiu: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2021, 25, -.
Kozhushner, Alisa; Zion, Noam; Elbaz, Lior: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2021, 25, -.
Wang, Jian; Kong, Hui; Zhang, Jinying; Hao, Yong; Shao, Zongping; Ciucci, Francesco: *PROGRESS IN MATERIALS SCIENCE*, 2021, 116, -.
Timoshenko, Janis; Cuenya, Beatriz Roldan: *CHEMICAL REVIEWS*, 2021, 121, 882-961.
Zhao, Yafei; Zhou, Huang; Zhu, Xiaorong; Qu, Yunteng; Xiong, Can; Xue, Zhenggang; Zhang, Qingwei; Liu, Xiaokang; Zhou, Fangyao; Mou, Xiaoming; Wang, Wenyu; Chen, Min; Xiong, Ya; Lin, Xingen; Lin, Yue; Chen, Wenxing; Wane, Hui-Juan; Jiang, Zheng; Zheng, Li: *NATURE CATALYSIS*, 2021, 4, 134-143.
Zheng, Haiyan; Xu, Na; Hou, Baoshan; Zhao, Xue; Dong, Man; Sun, Chunyi; Wang, Xin-Long; Su, Zhong-Min: *ACS APPLIED MATERIALS & INTERFACES*, 2021, 13, 2462-2471.
Han, Yu; Zhang, Zhijia; Guo, Ling: *CATALYSIS LETTERS*, 2021, 151, 2547-2559.
Du, Junyi; Wu, Geng; Liang, Kuang; Yang, Jia; Zhang, Yida; Lin, Yue; Zheng, Xusheng; Yu, Zhen-Qiang; Wu, Yuen; Hong, Xun: *SMALL*, 2021, 17, -.
Kumar, Kavita; Asset, Tristan; Li, Xiaoyan; Liu, Yuanchao; Yan, Xingxu; Chen, Yechuan; Mermoux, Michel; Pan, Xiaoqing; Atanassov, Plamen; Maillard, Frederic; Dubau, Laetitia: *ACS CATALYSIS*, 2021, 11, 484-494.
Xiong, Yu; Sun, Wenming; Han, Yunhu; Xin, Pingyu; Zheng, Xusheng; Yan, Wensheng; Dong, Juncai; Zhang, Jian; Wang, Dingsheng; Li, Yadong: *NANO RESEARCH*, 2021, 14, 2418-2423.
Nabae, Y.; Yuan, Q.; Nagata, S.; Kusaba, K.; Aoki, T.; Takao, N.; Itoh, T.; Arao, M.; Imai, H.; Higashi, K.; Sakata, T.; Uruga, T.; Iwasawa, Y.: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2021, 168, -.
Govan, Joseph; Orellana, Walter; Zagal, Jose H.; Tasca, Federico: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2021, 25, 15-31.
Suk, Minhee; Chung, Min Wook; Han, Man Ho; Oh, Hyung-Suk; Choi, Chang Hyuck: *CATALYSIS TODAY*, 2021, 359, 99-105.
Han, Xu; Zhang, Tianyu; Chen, Wenxing; Dong, Bo; Meng, Ge; Zheng, Lirong; Yang, Can; Sun, Xiaoming; Zhuang, Zhongbin; Wang, Dingsheng; Han, Aijuan; Liu, Junfeng: *ADVANCED ENERGY MATERIALS*, 2021, 11, -.
Liu, Chang; Li, Hao; Liu, Fei; Chen, Junsheng; Yu, Zixun; Yuan, Ziwen; Wang, Chaojun; Zheng, Huiling; Henkelman, Graeme; Wei, Li; Chen, Yuan: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2020, 142, 21861-21871.
Feng, Leiyu; Wang, Tingting; Sun, Han; Jiang, Meng; Chen, Yinguang: *ACS APPLIED MATERIALS & INTERFACES*, 2020, 12, 56954-56962.
Li, Jingkun; Sougrati, Moulay Tahar; Zitolo, Andrea; Ablett, James M.; Oguz, Ismail Can; Mineva, Tzonka; Matanovic, Ivana; Atanassov, Plamen; Huang, Ying; Zenyuk, Iryna; Di Cicco, Andrea; Kumar, Kavita; Dubau, Laetitia; Maillard, Frederic; Drazic, Goran;: *NATURE CATALYSIS*, 2021, 4, -.

Song, Luting; Chang, Jinquan; Ma, Yanhong; Tan, Xinghua; Xu, Yuanqing; Guo, Limin; Chen, Zhexue; Zhao, Tingqiao; Li, Yueqi; Liu, Yanlin; Zhang, Yong; Chu, Weiguo: *RSC ADVANCES*, 2020, 10, 43248-43255.
Li, Xuning; Cao, Chang-Su; Hung, Sung-Fu; Lu, Ying-Rui; Cai, Weizheng; Rykov, Alexandre, I; Miao, Shu; Xi, Shibo; Yang, Hongbin; Hu, Zehua; Wang, Junhu; Zhao, Jiyong; Alp, Esen Ercan; Xu, Wei; Chan, Ting-Shan; Chen, Haoming; Xiong, Qihua; Xiao, Hai; Huang: *CHEM*, 2020, 6, 3440-3454.
Li, Junjie; Zhang, Lei; Doyle-Davis, Kieran; Li, Ruying; Sun, Xueliang: *CARBON ENERGY*, 2020, 2, 488-520.
Zhu, Xiaofeng; Hu, Chuangang; Amal, Rose; Dai, Liming; Lu, Xunyu: *ENERGY & ENVIRONMENTAL SCIENCE*, 2020, 13, 4536-4563.
Huang, Wen-Yao; Jheng, Li-Cheng; Hsieh, Tar-Hwa; Ho, Ko-Shan; Wang, Yen-Zen; Gao, Yi-Jhun; Tseng, Po-Hao: *POLYMERS*, 2020, 12, -.
Xie, Xiaohong; He, Cheng; Li, Boyang; He, Yanghua; Cullen, David A.; Wegener, Evan C.; Kropf, A. Jeremy; Martinez, Ulises; Cheng, Yingwen; Engelhard, Mark H.; Bowden, Mark E.; Song, Miao; Lemmon, Teresa; Li, Xiaohong S.; Nie, Zimin; Liu, Jian; Myers, Debo: *NATURE CATALYSIS*, 2020, 3, 1044-1054.
Roy, Soumyabrata; Mari, Subbareddy; Sai, Manoj Kaja; Sarma, Saurav Ch.; Sarkar, Shreya; Peter, Sebastian C.: *NANOSCALE*, 2020, 12, 22718-22734.
Ma, Li-Juan; Rong, Yifei; Hao, Wenshu; Jia, Jianfeng; Wu, Hai-Shun: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2020, 45, 33740-33750.
Li, Lulu; Chang, Xin; Lin, Xiaoyun; Zhao, Zhi-Jian; Gong, Jinlong: *CHEMICAL SOCIETY REVIEWS*, 2020, 49, 8156-8178.
Wu, Di; Li, Jingkun; Xu, Shujuan; Xie, Qianqian; Pan, Yanxia; Liu, Xi; Ma, Ronglin; Zheng, Huizhen; Gao, Meng; Wang, Weili; Li, Jia; Cai, Xiaoming; Jaouen, Frederic; Li, Ruibin: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2020, 142, 19602-19610.
Zhang, Yong-Chao; Ullah, Sana; Zhang, Rongrong; Pan, Lun; Zhang, Xiangwen; Zou, Ji-Jun: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2020, 277, -.
Kaiser, Selina K.; Chen, Zupeng; Akl, Dario Faust; Mitchell, Sharon; Perez-Ramirez, Javier: *CHEMICAL REVIEWS*, 2020, 120, 11703-11809.
Ji, Shufang; Chen, Yuanjun; Wang, Xiaolu; Zhang, Zedong; Wang, Dingsheng; Li, Yadong: *CHEMICAL REVIEWS*, 2020, 120, 11900-11955.
Fruehwald, Holly M.; Ebralidze, Iraklii I.; Zenkina, Olena, V; Easton, E. Bradley: *CHEMELECTROCHEM*, 2021, 8, 53-61.
Li, Jingkun; Gong, Jinlong: *ENERGY & ENVIRONMENTAL SCIENCE*, 2020, 13, 3748-3779.
Grasseschi, Daniel; Silva, Walner Costa; Paiva, Ronald de Souza; Starke, Leon Diez; Nascimento, Arley Sena: *COORDINATION CHEMISTRY REVIEWS*, 2020, 422, -.
Ma, Dong-Dong; Zhu, Qi-Long: *COORDINATION CHEMISTRY REVIEWS*, 2020, 422, -.
Liu, Qi; Liu, Xu; Xie, Ying; Sun, Fanfei; Liang, Zhijian; Wang, Lei; Fu, Honggang: *JOURNAL OF MATERIALS CHEMISTRY A*, 2020, 8, 21189-21198.
Zhang, Qiaoqiao; Guan, Jingqi: *ENERGY & ENVIRONMENTAL MATERIALS*, 2021, 4, 307-335.
Chen, Ming-Xi; Tong, Lei; Liang, Hai-Wei: *CHEMISTRY-A EUROPEAN JOURNAL*, 2021, 27, 145-157.
Gao, Jiaojiao; Zhang, Fei; Gan, Wei; Gui, Yawen; Qiu, Huajun; Li, Huanglong; Yuan, Qunhui: *ACS APPLIED MATERIALS & INTERFACES*, 2020, 12, 47667-47676.
Duan, Zhiyao; Henkelman, Graeme: *ACS CATALYSIS*, 2020, 10, 12148-12155.
Chen, Guoping; Sciortino, Flavien; Ariga, Katsuhiko: *ADVANCED MATERIALS INTERFACES*, 2021, 8, -.
Khalid, Mohd; Bhardwaj, Prerna A.; Honorato, Ana M. B.; Varela, Hamilton: *CATALYSIS SCIENCE & TECHNOLOGY*, 2020, 10, 6420-6448.
Yin, Shu-Hu; Yang, Jian; Han, Yu; Li, Gen; Wan, Li-Yang; Chen, You-Hu; Chen, Chi; Qu, Xi-Ming; Jiang, Yan-Xia; Sun, Shi-Gang: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2020, 59, 21976-21979.
Gao, Yuan; Gong, Xiaoman; Zhong, Haihong; Li, Dianqing; Tang, Pinggui; Alonso-Vante, Nicolas; Feng, Yongjun: *CHEMELECTROCHEM*, 2020, 7, 4024-4030.
Bisen, Omeshwari Y.; Yadav, Ashok Kumar; Nanda, Karuna Kar: *ACS APPLIED MATERIALS & INTERFACES*, 2020, 12, 43586-43595.
Wu, Fei; Pan, Cong; He, Chun-Ting; Han, Yunhu; Ma, Wenjie; Wei, Huan; Ji, Wenliang; Chen, Wenxing; Mao, Junjie; Yu, Ping; Wang, Dingsheng; Mao, Lanqun; Li, Yadong: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2020, 142, 16861-16867.
Noh, Woo Yeong; Kim, Eun Mi; Kim, Kwang Young; Kim, Jin Hyun; Jeong, Hu Young; Sharma, Pankaj; Lee, Geunsik; Jang, Ji-Wook; Joo, Sang Hoon; Lee, Jae Sung: *JOURNAL OF MATERIALS CHEMISTRY A*, 2020, 8, 18891-18902.
Liu, Zhibin; Li, Shaofeng; Yang, Juan; Tan, Xinyi; Yu, Chang; Zhao, Changtai; Han, Xiaotong; Huang, Huawei; Wan, Gang; Liu, Yijin; Tschulik, Kristina; Qin, Jieshan: *ACS NANO*, 2020, 14, 11662-11669.
Li, Ji-Sen; Huang, Meng-Jie; Chen, Xiao-Nan: *INORGANIC CHEMISTRY FRONTIERS*, 2020, 7, 3475-3481.
Ji, Sang Gu; Kim, Haesol; Park, Cheolwoo; Kim, Wooyul; Choi, Chang Hyuck: *ACS CATALYSIS*, 2020, 10, 10773-10783.
Cui, Zhitao; Du, Wei; Xiao, Chengwei; Li, Qiaohong; Sa, Rongjian; Sun, Chenghua; Ma, Zuju: *FRONTIERS OF PHYSICS*, 2020, 15, -.
Long, Xiangdong; Li, Zelong; Gao, Guang; Sun, Peng; Wang, Jia; Zhang, Bingsen; Zhong, Jun; Jiang, Zheng; Li, Fuwei: *NATURE COMMUNICATIONS*, 2020, 11, -.
Song, Zhongxin; Zhang, Lei; Doyle-Davis, Kieran; Fu, Xianzhu; Luo, Jing-Li; Sun, Xueliang: *ADVANCED ENERGY MATERIALS*, 2020, 10, -.

Mooste, Marek; Kibena-Poldsepp, Elo; Vassiljeva, Viktoria; Kikas, Arvo; Kaarik, Maike; Kozlova, Jekaterina; Kisand, Vambola; Kulaviir, Marian; Cavaliere, Sara; Leis, Jaan; Krumme, Andres; Sammelselg, Vaino; Holdcroft, Steven; Tammeveski, Kaido: *CHEMCATCHEM*, 2020, 12, 4568-4581.
Zhang, Nan; Zhou, Tianpei; Ge, Jiankai; Lin, Yue; Du, Zhiyi; Zhong, Cheng'an; Wang, Wenjie; Jiao, Qiyang; Yuan, Ruilin; Tian, Yangchao; Chu, Wangsheng; Wu, Changzheng; Xie, Yi: *MATTER*, 2020, 3, 509-521.
Wang, Peican; Wang, Baoguo: *CHEMSUSCHEM*, 2020, 13, 4795-4811.
Gao, Jiajian; Liu, Bin: *ACS MATERIALS LETTERS*, 2020, 2, 1008-1024.
Primbs, Mathias; Sun, Yanyan; Roy, Aaron; Malko, Daniel; Mehmood, Asad; Sougrati, Moulay-Tahar; Blanchard, Pierre-Yves; Granozzi, Gaetano; Kosmala, Tomasz; Daniel, Giorgia; Atanassov, Plamen; Sharman, Jonathan; Durante, Christian; Kucernak, Anthony; Jones: *ENERGY & ENVIRONMENTAL SCIENCE*, 2020, 13, 2480-2500.
Yao, Rui; Gu, Jun; He, Haitong; Yu, Tao: *CATALYSTS*, 2020, 10, -.
Shaik, Gouse Peera; Kwon, Hyuk-Jun; Lee, Tae Gwan: *MATERIALS RESEARCH BULLETIN*, 2020, 128, -.
Dzara, Michael J.; Artyushkova, Kateryna; Sougrati, Moulay Tahar; Ngo, Chilan; Fitzgerald, Margaret A.; Serov, Alexey; Zulevi, Barr; Atanassov, Plamen; Jaouen, Frederic; Pylypenko, Svitlana: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2020, 124, 16529-16543.
Zhong, Wenhua; Wang, Zheng; Han, Shaobo; Deng, Libo; Yu, Jun; Lin, Yangu; Long, Xia; Gu, Meng; Yang, Shihe: *CELL REPORTS PHYSICAL SCIENCE*, 2020, 1, -.
Xiong, Yu; Sun, Wenming; Xin, Pingyu; Chen, Wenxing; Zheng, Xusheng; Yan, Wensheng; Zheng, Lirong; Dong, Juncai; Zhang, Jian; Wang, Dingsheng; Li, Yadong: *ADVANCED MATERIALS*, 2020, 32, -.
Lu, Bingzhang; Liu, Qiming; Chen, Shaowei: *ACS CATALYSIS*, 2020, 10, 7584-7618.
Luo, Fang; Roy, Aaron; Silvioli, Luca; Cullen, David A.; Zitolo, Andrea; Sougrati, Moulay Tahar; Oguz, Ismail Can; Mineva, Tzonka; Teschner, Detre; Wagner, Stephan; Wen, Ju; Dionigi, Fabio; Kramm, Ulrike, I; Rossmeisl, Jan; Jaouen, Frederic; Strasser, Pet: *NATURE MATERIALS*, 2020, 19, 1215-+.
Shang, Huishan; Sun, Wenming; Sui, Rui; Pei, Jiajing; Zheng, Lirong; Dong, Juncai; Jiang, Zhuoli; Zhou, Danni; Zhuang, Zhongbin; Chen, Wenxing; Zhang, Jiatao; Wang, Dingsheng; Li, Yadong: *NANO LETTERS*, 2020, 20, 5443-5450.
Noh, Woo Yeong; Lee, Jin Ho; Lee, Jae Sung: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2020, 268, -.
Shah, Syed Shoaib Ahmad; Najam, Tayyaba; Aslam, Muhammad Kashif; Ashfaq, Muhammad; Rahman, Mohammed M.; Wang, Kun; Tsiakaras, Panagiotis; Song, Shuqin; Wang, Yi: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2020, 268, -.
Shi, Qiurong; Hwang, Sooyeon; Yang, Haipeng; Ismail, Fatma; Su, Dong; Higgins, Drew; Wu, Gang: *MATERIALS TODAY*, 2020, 37, 93-111.
Samanta, Arpan; Raj, C. Retna: *CHEMELECTROCHEM*, 2020, 7, 2877-2887.
She, Wanxin; Xie, Qianru; Huang, Yaohui; Xie, Chuyi; Zhang, Xiangyu; Sun, Mingchen; Wang, Feng; Xiao, Junwu: *ACS APPLIED MATERIALS & INTERFACES*, 2020, 12, 28065-28074.
Shang, Huishan; Jiang, Zhuoli; Zhou, Danni; Pei, Jiajing; Wang, Yu; Dong, Juncai; Zheng, Xusheng; Zhang, Jiatao; Chen, Wenxing: *CHEMICAL SCIENCE*, 2020, 11, 5994-5999.
Shang, Huishan; Zhou, Xiangyi; Dong, Juncai; Li, Ang; Zhao, Xu; Liu, Qinghua; Lin, Yue; Pei, Jiajing; Li, Zhi; Jiang, Zhuoli; Zhou, Danni; Zheng, Lirong; Wang, Yu; Zhou, Jing; Yang, Zhengkun; Cao, Rui; Sarangi, Ritimukta; Sun, Tingting; Yang, Xin; Zheng,: *NATURE COMMUNICATIONS*, 2020, 11, -.
Du, Lei; Xing, Lixin; Zhang, Gaixia; Dubois, Marc; Sun, Shuhui: *SMALL METHODS*, 2020, 4, -.
Hu, Jinwen; Wu, Danyang; Zhu, Chao; Hao, Ce; Xin, Cuncun; Zhang, Jiangwei; Guo, Jingya; Li, Nannan; Zhang, Guifeng; Shi, Yantao: *NANO ENERGY*, 2020, 72, -.
Zhang, Shengbo; Jin, Meng; Shi, Tongfei; Han, Miaomiao; Sun, Qiao; Lin, Yue; Ding, Zhenhua; Zheng, Li Rong; Wang, Guozhong; Zhang, Yunxia; Zhang, Haimin; Zhao, Huijun: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2020, 59, 13423-13429.
Dilpazir, Sobia; Ren, Pengju; Liu, Rongji; Yuan, Menglei; Imran, Muhammad; Liu, Zhanjun; Xie, Yongbing; Zhao, He; Yang, Yijun; Wang, Xi; Streb, Carsten; Zhang, Guangjin: *ACS APPLIED MATERIALS & INTERFACES*, 2020, 12, 23017-23027.
Sgarbi, Ricardo; Ticianelli, Edson A.; Maillard, Frederic; Jaouen, Frederic; Chatenet, Marian: *ELECTROCATALYSIS*, 2020, 11, 365-373.
Zhong, Haihong; Estudillo-Wong, Luis Alberto; Gao, Yuan; Feng, Yongjun; Alonso-Vante, Nicolas: *ACS APPLIED MATERIALS & INTERFACES*, 2020, 12, 21605-21615.
Wan, Jiawei; Zhao, Zhenghang; Shang, Huishan; Peng, Bo; Chen, Wenxing; Pei, Jiajing; Zheng, Lirong; Dong, Juncai; Cao, Rui; Sarangi, Ritimukta; Jiang, Zhuoli; Zhou, Danni; Zhuang, Zhongbin; Zhang, Jiatao; Wang, Dingsheng; Li, Yadong: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2020, 142, 8431-8439.
Artyushkova, Kateryna: *JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A*, 2020, 38, -.
Zhong, Jingping; Sun, Miaolan; Xiang, Sheng; Fan, Youjun; Waqas, Muhammad; Huang, Kexin; Tang, Yuhong; Chen, Wei; Yang, Jun: *APPLIED SURFACE SCIENCE*, 2020, 511, -.
Wen, Xudong; Guan, Jingqi: *NANOSCALE*, 2020, 12, 8065-8094.
Zhao, Di; Zhuang, Zewen; Cao, Xing; Zhang, Chao; Peng, Qing; Chen, Chen; Li, Yadong: *CHEMICAL SOCIETY REVIEWS*, 2020, 49, 2215-2264.
Huang, Dekang; Luo, Yanzhu; Li, Shu; Liao, Li; Li, Yunxiang; Chen, Hao; Ye, Jinhua: *MATERIALS HORIZONS*, 2020, 7, 970-986.
Jiao, Shilong; Fu, Xianwei; Zhang, Li; Zeng, Yu-Jia; Huang, Hongwen: *NANO TODAY*, 2020, 31, -.
Sun, Hao; Li, Qin; Lian, Yuebin; Zhang, Chufeng; Qi, Pengwei; Mu, Qiaoqiao; Jin, Huidong; Zhang, Bowei; Chen, Muzi; Deng, Zhao; Peng, Yang: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2020, 263, -.

Xiong, Yu; Dong, Juncai; Huang, Zheng-Qing; Xin, Pingyu; Chen, Wenxing; Wang, Yu; Li, Zhi; Jin, Zhao; Xing, Wei; Zhuang, Zhongbin; Ye, Jinyu; Wei, Xing; Cao, Rui; Gu, Lin; Sun, Shigang; Zhuang, Lin; Chen, Xiaoqing; Yang, Hua; Chen, Chen; Peng, Qing; Chang: *NATURE NANOTECHNOLOGY*, 2020, 15, 390-+.
Al-Zoubi, Talha; Zhou, Yu; Yin, Xi; Janicek, Blanka; Sun, Chengjun; Schulz, Charles E.; Zhang, Xiaohui; Gewirth, Andrew A.; Huang, Pinshane; Zelenay, Piotr; Yang, Hong: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2020, 142, 5477-5481.
Cazetta, Andre L.; Spessato, Lucas; Melo, Sandra A. R.; Bedin, Karen C.; Zhang, Tao; Asefa, Tewodros; Silva, Tais L.; Almeida, Vitor C.: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2020, 45, 9669-9682.
Gao, Jiajian; Yang, Hong Bin; Huang, Xiang; Hung, Sung-Fu; Cai, Weizheng; Jia, Chunmiao; Miao, Shu; Chen, Hao Ming; Yang, Xiaofeng; Huang, Yanqiang; Zhang, Tao; Liu, Bin: *CHEM*, 2020, 6, 658-674.
Xu, Shu-Mao; Liang, Xiao; Liu, Xin; Bai, Wen-Long; Liu, Yu-Si; Cai, Zhi-Peng; Zhang, Qiang; Zhao, Chuan; Wang, Kai-Xue; Chen, Jie-Sheng: *ENERGY STORAGE MATERIALS*, 2020, 25, 52-61.
Huang, Xiaoxiao; Shen, Tong; Zhang, Teng; Qiu, Hailong; Gu, Xingxing; Ali, Zeeshan; Hou, Yanglong: *ADVANCED ENERGY MATERIALS*, 2020, 10, -.
Yuan, Wenjin; Wang, Yueqing; Chernev, Petko; Klingan, Katharina; Mohammadi, Mohammad Reza; Loos, Stefan; Pasquini, Chiara; Kubella, Paul; Jiang, Shan; Cui, Zhenduo; Zhu, Shengli; Li, Zhaoyang; Wu, Shuilin; Dau, Holger; Zhang, Jintao; Liang, Yanqin: *JOURNAL OF CATALYSIS*, 2020, 383, 221-229.
Daiyan, Rahman; Chen, Rui; Kumar, Priyank; Bedford, Nicholas M.; Qu, Jiangtao; Cairney, Julie M.; Lu, Xunyu; Amal, Rose: *ACS APPLIED MATERIALS & INTERFACES*, 2020, 12, 9307-9315.
Zhou, Yaodan; Yang, Wen; Utetiwabo, Wellars; Lian, Yi-meng; Yin, Xue; Zhou, Lei; Yu, Peiwen; Chen, Renjie; Sun, Shaorui: *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 2020, 11, 1404-1410.
Zhao, Juanjuan; Hu, Haibo; Wu, Mingzai: *NANOSCALE*, 2020, 12, 3750-3762.
Teppor, Patrick; Jaeger, Rutha; Haerk, Eneli; Sepp, Silver; Kook, Mati; Volobujeva, Olga; Paiste, Paarn; Kochovski, Zdravko; Tallo, Indrek; Lust, Enn: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2020, 167, -.
Venegas, Ricardo; Munoz-Becerra, Karina; Candia-Onfray, Christian; Marco, Jose F.; Zagal, Jose H.; Recio, Francisco J.: *ELECTROCHIMICA ACTA*, 2020, 332, -.
Iwase, Kazuyuki; Nakanishi, Shuji; Miyayama, Masaru; Kamiya, Kazuhide: *ACS APPLIED ENERGY MATERIALS*, 2020, 3, 1644-1652.
Zhang, Xiaoyan; Zhang, Shan; Yang, Yong; Wang, Liguang; Mu, Zijie; Zhu, Haishuang; Zhu, Xiaoqing; Xing, Huanhuan; Xia, Hongyin; Huang, Bolong; Li, Jing; Guo, Shaojun; Wang, Erkang: *ADVANCED MATERIALS*, 2020, 32, -.
Li, Jingkun; Jiao, Li; Wegener, Evan; Richard, Lynne Larochelle; Liu, Ershuai; Zitolo, Andrea; Sougrati, Moulay Tahar; Mukerjee, Sanjeev; Zhao, Zipeng; Huang, Yu; Yang, Fan; Zhong, Sichen; Xu, Hui; Kropf, A. Jeremy; Jaouen, Frederic; Myers, Deborah J.; Ji: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2020, 142, 1417-1423.
Li, Zhi; Ji, Shufang; Liu, Yiwei; Cao, Xing; Tian, Shubo; Chen, Yuanjun; Niu, Zhigiang; Li, Yadong: *CHEMICAL REVIEWS*, 2020, 120, 623-682.
Huang, Kexin; Zhang, Wanqing; Li, Jia; Fan, Youjun; Yang, Bo; Rong, Chuyan; Qi, Jiuhui; Chen, Wei; Yang, Jun: *ACS SUSTAINABLE CHEMISTRY & ENGINEERING*, 2020, 8, 478-+.
Santori, Pietro Giovanni; Speck, Florian Dominik; Cherevko, Serhiy; Firouzjaie, Horie Adabi; Peng, Xiong; Mustain, William E.; Jaouen, Frederic: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2020, 167, -.
Firouzjaie, Horie Adabi; Mustain, William E.: *ACS CATALYSIS*, 2020, 10, 225-234.
Song, Meixiu; Song, Yanhui; Sha, Wenbo; Xu, Bingshe; Guo, Junjie; Wu, Yucheng: *CATALYSTS*, 2020, 10, -.
Zhang, Jinqiang; Zhao, Yufei; Chen, Chen; Huang, Yu-Cheng; Dong, Chung-Li; Chen, Chih-Jung; Liu, Ru-Shi; Wang, Chengyin; Yan, Kang; Li, Yadong; Wang, Guoxiu: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2019, 141, 20118-20126.
Xiao, Meiling; Gao, Liqin; Wang, Ying; Wang, Xian; Zhu, Jianbing; Jin, Zhao; Liu, Changpeng; Chen, Hengquan; Li, Gaoran; Ge, Junjie; He, Qinggang; Wu, Zhijian; Chen, Zhongwei; Xing, Wei: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2019, 141, 19800-19806.
Hanif, Saadia; Shi, Xuan; Iqbal, Naseem; Noor, Tayyaba; Anwar, Rehan; Kannan, A. M.: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2019, 258, -.
Huang, Zhen-Feng; Song, Jiajia; Dou, Shuo; Li, Xiaogang; Wang, Jiong; Wang, Xin: *MATTER*, 2019, 1, 1494-1518.
Wan, Gang; Zhang, Guanghui; Lin, Xiao-Min: *ADVANCED MATERIALS*, 2020, 32, -.
Chen, Ming-Xi; Zhu, Mengzhao; Zuo, Ming; Chu, Sheng-Qi; Zhang, Jing; Wu, Yuen; Liang, Hai-Wei; Feng, Xinliang: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2020, 59, 1627-1633.
Peng, Hongliang; Duan, Diancheng; Tan, Xiyou; Hu, Fang; Ma, Jiaojun; Zhang, Kexiang; Xu, Fen; Li, Bin; Sun, Lixian: *CHEMELECTROCHEM*, 2020, 7, 131-138.
Sgarbi, Ricardo; Kumar, Kavita; Jaouen, Frederic; Zitolo, Andrea; Ticianelli, Edson A.; Maillard, Frederic: *JOURNAL OF SOLID STATE ELECTROCHEMISTRY*, 2021, 25, 45-56.
Karapinar, Dilan; Zitolo, Andrea; Huan, Tran Ngoc; Zanna, Sandrine; Taverna, Dario; Galvao Tizei, Luiz Henrique; Giaume, Domitille; Marcus, Philippe; Mougel, Victor; Fontecave, Marc: *CHEMSUSCHEM*, 2020, 13, 173-179.
Chen, Linyun; Liu, Xiaofang; Zheng, Lirong; Li, Yongcheng; Guo, Xu; Wan, Xin; Liu, Qingtao; Shang, Jiaxiang; Shui, Jianglan: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2019, 256, -.
Lai, Wei-Hong; Miao, Zongcheng; Wang, Yun-Xiao; Wang, Jia-Zhao; Chou, Shu-Lei: *ADVANCED ENERGY MATERIALS*, 2019, 9, -.

Li, Jingkun; Prslja, Paulina; Shinagawa, Tatsuya; Martin Fernandez, Antonio Jose; Krumeich, Frank; Artyushkova, Kateryna; Atanassov, Plamen; Zitolo, Andrea; Zhou, Yecheng; Garcia-Muelas, Rodrigo; Lopez, Nuria; Perez-Ramirez, Javier; Jaouen, Frederic: *ACS CATALYSIS*, 2019, 9, 10426-10439.
Fei, Huilong; Dong, Juncai; Chen, Dongliang; Hu, Tiandou; Duan, Xidong; Shakir, Imran; Huang, Yu; Duan, Xiangfeng: *CHEMICAL SOCIETY REVIEWS*, 2019, 48, 5207-5241.
Zhang, Huabin; Liu, Yanyu; Chen, Tao; Zhang, Jintao; Zhang, Jing; Lou, Xiong Wen (David): *ADVANCED MATERIALS*, 2019, 31, -.
Liang, Zibin; Guo, Wenhan; Zhao, Ruo; Qiu, Tianjie; Tabassum, Hassina; Zou, Ruqiang: *NANO ENERGY*, 2019, 64, -.
Li, Jingkun; Bruller, Sebastian; Sabarirajan, Dinesh C.; Ranjbar-Sahraie, Nastaran; Sougrati, Moulay Tahar; Cavaliere, Sara; Jones, Deborah; Zenyuk, Iryna V.; Zitolo, Andrea; Jaouen, Frederic: *ACS APPLIED ENERGY MATERIALS*, 2019, 2, 7211-7222.
Liu, Minmin; Wang, Linlin; Zhao, Kangning; Shi, Shanshan; Shao, Qinsi; Zhang, Lei; Sun, Xueliang; Zhao, Yufeng; Zhang, Jiujun: *ENERGY & ENVIRONMENTAL SCIENCE*, 2019, 12, 2890-2923.
Zhang, Gaixia; Yang, Xiaohua; Dubois, Marc; Herraiz, Michael; Chenitz, Regis; Lefevre, Michel; Cherif, Mohamed; Vidal, Francois; Glibin, Vassili P.; Sun, Shuhui; Dodelet, Jean-Pol: *ENERGY & ENVIRONMENTAL SCIENCE*, 2019, 12, 3015-3037.
Han, Aijuan; Wang, Bingqing; Kumar, Anuj; Qin, Yongji; Jin, Jing; Wang, Xinhe; Yang, Can; Dong, Bo; Jia, Yin; Liu, Junfeng; Sun, Xiaoming: *SMALL METHODS*, 2019, 3, -.
Zhang, Bin-Wei; Wang, Yun-Xiao; Chou, Shu-Lei; Liu, Hua-Kun; Dou, Shi-Xue: *SMALL METHODS*, 2019, 3, -.
Venegas, Ricardo; Munoz-Becerra, Karina; Lemus, Luis; Toro-Labbe, Alejandro; Zagal, Jose H.; Recio, Francisco J.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 19468-19478.
Luo, Jheng-Hua; Hong, Zih-Siang; Chao, Tzu-Hsuan; Cheng, Mu-Jeng: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 19033-19044.
Sun, Yanyan; Silvioli, Luca; Sahraie, Nastaran Ranjbar; Ju, Wen; Li, Jingkun; Zitolo, Andrea; Li, Shuang; Bagger, Alexander; Arnarson, Logi; Wang, Xingli; Moeller, Tim; Bernsmeier, Denis; Rossmeisl, Jan; Jaouen, Frederic; Strasser, Peter: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2019, 141, 12372-12381.
Weng, Chen-Chen; Ren, Jin-Tao; Zhao, Hui; Hu, Zhong-Pan; Yuan, Zhong-Yong: *ACS APPLIED MATERIALS & INTERFACES*, 2019, 11, 27823-27832.
Berretti, Enrico; Giaccherini, Andrea; Montegrossi, Giordano; D'Acapito, Francesco; Di Benedetto, Francesco; Zafferoni, Claudio; Puri, Alessandro; Lepore, Giovanni Orazio; Miller, Hamish; Giurlani, Walter; Innocenti, Massimo; Vizza, Francesco; Lavacchi, A: *CATALYSTS*, 2019, 9, -.
Jia, Qingying; Liu, Ershuai; Jiao, Li; Pann, Serge; Mukerjee, Sanjeev: *ADVANCED MATERIALS*, 2019, 31, -.
Wang, Xiao Xia; Prabhakaran, Venkateshkurnor; He, Yanghua; Shao, Yuyan; Wu, Gang: *ADVANCED MATERIALS*, 2019, 31, -.
Manea, Yahiya Kadaf; Khan, Amjad Mumtaz: *SN APPLIED SCIENCES*, 2019, 1, -.
Wang, Tongzhou; Wang, Qiang; Wang, Yucheng; Da, Yunli; Zhou, Wu; Shao, Yue; Li, Debao; Zhan, Sihui; Yuan, Jiayin; Wang, Hong: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2019, 58, 13466-13471.
Yang, Hui; Chen, Xing; Chen, Wan-Ting; Wang, Cling; Cuello, Nelly Cantillo; Nafady, Ayman; Al-Enizi, Abdullah M.; Waterhouse, Geoffrey I. N.; Goenaga, Gabriel A.; Zawodzinski, Thomas A.; Kruger, Paul E.; Clements, John E.; Zhang, Jian; Tian, He; Telfer, S: *ACS NANO*, 2019, 13, 8087-8098.
Chen, Mengjie; He, Yanghua; Spendelow, Jacob S.; Wu, Gang: *ACS ENERGY LETTERS*, 2019, 4, 1619-1633.
Abinaya, S.; Moni, Prabu; Parthiban, V; Sahu, Akhila Kumar; Wilhelm, Michaela: *CHEMELECTROCHEM*, 2019, 6, 3268-3278.
Buechele, Simon; Chen, Zupeng; Mitchell, Sharon; Hauert, Roland; Krumeich, Frank; Perez-Ramirez, Javier: *CHEMCATCHEM*, 2019, 11, 2812-2820.
Wang, Sidi; Jiang, Hongliang; Song, Li: *BATTERIES & SUPERCAPS*, 2019, 2, 509-523.
Luo, Fang; Choi, Chang Hyuck; Primbs, Mathias J. M.; Ju, Wen; Li, Shuang; Leonard, Nathaniel D.; Thomas, Arne; Jaouen, Frederic; Strasser, Peter: *ACS CATALYSIS*, 2019, 9, 4841-4852.
Shen, Hangjia; Thomas, Tiju; Rasaki, Sefiu Abolaji; Saad, Ali; Hu, Chun; Wang, Jiacheng; Yang, Minghui: *ELECTROCHEMICAL ENERGY REVIEWS*, 2019, 2, 252-276.
Gebremariam, Tesfaye Tadesse; Chen, Fuyi; Jin, Yachao; Wang, Qiao; Wang, Jiali; Wang, Junpeng: *CATALYSIS SCIENCE & TECHNOLOGY*, 2019, 9, 2532-2542.
Ye, Wenyuan; Tang, Jiahuan; Wang, Yajun; Cai, Xixi; Liu, Hongwei; Lin, Jiuyang; Van der Bruggen, Bart; Zhou, Shungui: *SCIENCE OF THE TOTAL ENVIRONMENT*, 2019, 666, 865-874.
Santori, Pietro Giovanni; Speck, Florian Dominik; Li, Jingkun; Zitolo, Andrea; Jia, Qingying; Mukerjee, Sanjeev; Cherevko, Serhiy; Jaouen, Frederic: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2019, 166, -.
Ratso, Sander; Kaarik, Maike; Kook, Mati; Paiste, Paarn; Aruvali, Jaan; Vlassov, Sergei; Kisand, Vambola; Leis, Jaan; Kannan, Arunachala M.; Tammeveski, Kaido: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2019, 44, 12636-12648.
Bai, Lu; Liu, Jingjun; Gu, Weiwei; Song, Ye; Wang, Feng: *ACS APPLIED MATERIALS & INTERFACES*, 2019, 11, 16452-16460.
Chen, Hong-Yan; Jin, Mi-Xue; Zhang, Lu; Wang, Ai-Jun; Yuan, Junhua; Zhang, Qian-Li; Feng, Jiu-Ju: *JOURNAL OF COLLOID AND INTERFACE SCIENCE*, 2019, 543, 1-8.
Bakandritsos, Aristides; Kadam, Ravishankar G.; Kumar, Pawan; Zoppellaro, Giorgio; Medved', Miroslav; Tucek, Jiri; Montini, Tiziano; Tomanec, Ondrej; Andryskova, Pavlina; Drahos, Bohuslav; Varma, Rajender S.; Otyepka, Michal; Gawande, Manoj B.; Fornasiero: *ADVANCED MATERIALS*, 2019, 31, -.

Liu, Fang; Yang, Tzuhsiung; Yang, Jing; Xu, Eve; Bajaj, Akash; Kulik, Heather J.: *FRONTIERS IN CHEMISTRY*, 2019, 7, -.
Zhang, Hao; Li, Xiaopeng; Jiang, Zheng: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2019, 14, 7-15.
Garlyyev, Batyr; Liang, Yunchang; Xue, Song; Watzele, Sebastian; Fichtner, Johannes; Li, Wei-Jin; Ding, Xing; Bandarenka, Aliaksandr S.: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2019, 14, 206-213.
Mei, Hao; Yang, Mengran; Shen, Yanfei; He, Fei; Zhou, Zhixin; Chen, Xinghua; Yang, Yiran; Liu, Songqin; Zhang, Yuanjian: *CARBON*, 2019, 144, 312-320.
Oh, Junghoon; Park, Sunghee; Jang, Dawoon; Shin, Yunseok; Lim, Donggyu; Park, Sungjin: *CARBON*, 2019, 145, 481-487.
Zhang, Guoxin; Jia, Yin; Zhang, Cong; Xiong, Xuya; Sun, Kai; Chen, Ruida; Chen, Wenxing; Kuang, Yun; Zheng, Lirong; Tang, Haolin; Liu, Wen; Liu, Junfeng; Sun, Xiaoming; Lin, Wen-Feng; Dai, Hongjie: *ENERGY & ENVIRONMENTAL SCIENCE*, 2019, 12, 1317-1325.
Wang, Juan; Wang, Qijun; She, Wanxin; Xie, Chuyi; Zhang, Xiangyu; Sun, Mingchen; Xiao, Junwu; Wang, Shuai: *JOURNAL OF POWER SOURCES*, 2019, 418, 50-60.
Li, Xuning; Yang, Xiaofeng; Zhang, Junming; Huang, Yanqiang; Liu, Bin: *ACS CATALYSIS*, 2019, 9, 2521-2531.
Yang, Wei; Chata, Gustavo; Zhang, Yudong; Peng, Yi; Lu, Jia En; Wang, Nan; Mercado, Rene; Li, Jun; Chen, Shaowei: *NANO ENERGY*, 2019, 57, 811-819.
Guo, Xiaoxi; Du, Huitong; Qu, Fengli; Li, Jinghong: *JOURNAL OF MATERIALS CHEMISTRY A*, 2019, 7, 3531-3543.
Lu, Ziyang; Wang, Bo; Hu, Yongfeng; Liu, Wei; Zhao, Yufeng; Yang, Ruoou; Li, Zhiping; Luo, Jun; Chi, Bin; Jiang, Zheng; Li, Minsi; Mu, Shichun; Liao, Shijun; Zhang, Jiujun; Sun, Xueliang: *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*, 2019, 58, 2622-2626.
Li, Jingkun; Jia, Qingying; Mukerjee, Sanjeev; Sougrati, Moulay-Tahar; Drazic, Goran; Zitolo, Andrea; Jaouen, Frederic: *CATALYSTS*, 2019, 9, -.
Cao, Linlin; Luo, Qiquan; Liu, Wei; Lin, Yue; Liu, Xiaokang; Cao, Yuanjie; Zhang, Wei; Wu, Yuen; Yang, Jinlong; Yao, Tao; Wei, Shiqiang: *NATURE CATALYSIS*, 2019, 2, 134-141.
Cui, Lin; Wang, Meng; Sun, Bing; Ai, Shiyun; Wang, Shaocong; Zhang, Chun-yang: *CHEMICAL COMMUNICATIONS*, 2019, 55, 1172-1175.
Li, Yinle; Liu, Qinglin; Zhang, Siqing; Li, Guangqin: *CHEMCATCHEM*, 2019, 11, 861-867.
Zhang, Hui-Juan; Geng, Jing; Yao, Sunwu; Wang, Jian-cheng; Ma, Zi-Feng; Yang, Junhe: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2019, 166, F1-F8.
Sa, Young Jin; Park, Sung O.; Jung, Gwan Yeong; Shin, Tae Joo; Jeong, Hu Young; Kwak, Sang Kyu; Joo, Sang Hoon: *ACS CATALYSIS*, 2019, 9, 83-97.
Qin, Yong; Wu, Hong-Hui; Zhang, Lei A.; Zhou, Xiao; Bu, Yunfei; Zhang, Wei; Chu, Fuqiang; Li, Yutong; Kong, Yong; Zhang, Qiaobao; Ding, Dong; Tao, Yongxin; Li, Yongxin; Liu, Meilin; Zeng, Xiao Cheng: *ACS CATALYSIS*, 2019, 9, 610-619.
Chen, Yuanjun; Ji, Shufang; Zhao, Shu; Chen, Wenxing; Dong, Juncai; Cheong, Weng-Chon; Shen, Rongan; Wen, Xiaodong; Zheng, Lirong; Rykov, Alexandre I.; Cai, Shichang; Tang, Haolin; Zhuang, Zhongbin; Chen, Chen; Peng, Qing; Wang, Dingsheng; Li, Yadong: *NATURE COMMUNICATIONS*, 2018, 9, -.
Sun, Tingting; Zhao, Shu; Chen, Wenxing; Zhai, Dong; Dong, Juncai; Wang, Yu; Zhang, Shaolong; Han, Aijuan; Gu, Lin; Yu, Rong; Wen, Xiaodong; Ren, Hanlin; Xu, Lianbin; Chen, Chen; Peng, Qing; Wang, Dingsheng; Li, Yadong: *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*, 2018, 115, 12692-12697.
Yang, Hong Bin; Guo, Chunxian; Zhang, Liping; Hu, Fang Xin; Cai, Weizheng; Gao, Jiajian; Li, Chang Ming; Liu, Bin: *MATERIALS TODAY ENERGY*, 2018, 10, 184-190.
Kumar, Kavita; Gairola, Pryanka; Lions, Mathieu; Ranjbar-Sahraie, Nastaran; Mermoux, Michel; Dubau, Laetitia; Zitolo, Andrea; Jaouen, Frederic; Maillard, Frederic: *ACS CATALYSIS*, 2018, 8, 11264-11276.
Rivera-Carcamo, Camila; Serp, Philippe: *CHEMCATCHEM*, 2018, 10, 5058-5091.
Cao, Yuanjie; Wang, Danhao; Lin, Yue; Liu, Wei; Cao, Linlin; Liu, Xiaokang; Zhang, Wei; Mou, Xiaoli; Fang, Shi; Shen, Xinyi; Yao, Tao: *ACS APPLIED ENERGY MATERIALS*, 2018, 1, 6082-6088.
Zhu, Youqi; Cao, Tai; Cao, Chuanbao; Luo, Jun; Chen, Wenxing; Zheng, Lirong; Dong, Juncai; Zhang, Jian; Han, Yunhu; Li, Zhi; Chen, Chen; Peng, Qing; Wang, Dingsheng; Li, Yadong: *ACS CATALYSIS*, 2018, 8, 10004-10011.
Li, Zilan; Zhuang, Zechao; Lv, Fan; Zhu, Han; Zhou, Liang; Luo, Mingchuan; Zhu, Jiexin; Lang, Zhiquan; Feng, Shihao; Chen, Wei; Mai, Liqiang; Guo, Shaojun: *ADVANCED MATERIALS*, 2018, 30, -.
Wang, Jian; Gao, Yang; You, Tsam Lung; Ciucci, Francesco: *JOURNAL OF POWER SOURCES*, 2018, 401, 312-321.
Zhang, Lijie; Liu, Tongchao; Chen, Ning; Jia, Yi; Cai, Rongsheng; Theis, Wolfgang; Yang, Xianfeng; Xia, Yanzhi; Yang, Dongjiang; Yao, Xiangdong: *JOURNAL OF MATERIALS CHEMISTRY A*, 2018, 6, 18417-18425.
Zion, Noam; Friedman, Ariel; Levy, Naomi; Elbaz, Lior: *ADVANCED MATERIALS*, 2018, 30, -.
Sun, Yanyan; Li, Shuang; Jovanov, Zarko Petar; Bernsmeier, Denis; Wang, Huan; Paul, Benjamin; Wang, Xingli; Kuehl, Stefanie; Strasser, Peter: *CHEMSUSCHEM*, 2018, 11, 3388-3395.
Rana, Moumita; Mondal, Sanjit; Sahoo, Lipipuspa; Chatterjee, Kaustav; Karthik, Pitchiah E.; Gautam, Ujjal K.: *ACS APPLIED MATERIALS & INTERFACES*, 2018, 10, 33737-33767.
Miao, Zhengpei; Wang, Xiaoming; Tsai, Meng-Che; Jin, Qianqian; Liang, Jiashun; Ma, Feng; Wang, Tanyuan; Zheng, Shijian; Hwang, Bing-Joe; Huang, Yunhui; Guo, Shaojun; Li, Qing: *ADVANCED ENERGY MATERIALS*, 2018, 8, -.

Chen, Yuanjun; Ji, Shufang; Chen, Chen; Peng, Qing; Wang, Dingsheng; Li, Yadong: *JOULE*, 2018, 2, 1242-1264.
Ratso, Sander; Kaarik, Maike; Kook, Mati; Paiste, Paarn; Kisand, Vambola; Vlassov, Sergei; Leis, Jaan; Tammeveski, Kaido: *CHEMELECTROCHEM*, 2018, 5, 1827-1836.
Jiang, Hongliang; He, Qun; Wang, Changda; Liu, Hengjie; Zhang, Youkui; Lin, Yunxiang; Zheng, Xusheng; Chen, Shuangming; Ajayan, Pulickel M.; Song, Li: *ADVANCED ENERGY MATERIALS*, 2018, 8, -.
Song, Xiaokai; Zhang, Hao; Yang, Yuqi; Zhang, Bin; Zuo, Ming; Cao, Xin; Sun, Jianhua; Lin, Chao; Li, Xiaopeng; Jiang, Zheng: *ADVANCED SCIENCE*, 2018, 5, -.
Dilpazir, Sobia; He, Hongyan; Li, Zehui; Wang, Meng; Lu, Peilong; Liu, Rongji; Xie, Zhujun; Gao, Denglei; Zhang, Guangjin: *ACS APPLIED ENERGY MATERIALS*, 2018, 1, 3283-+.
Yang, Liu; Cheng, Daojian; Xu, Haoxiang; Zeng, Xiaofei; Wan, Xin; Shui, Jianglan; Xiang, Zhonghua; Cao, Dapeng: *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*, 2018, 115, 6626-6631.
Li, Xuning; Wang, Hsin-Yi; Yang, Hongbin; Cai, Weizheng; Liu, Song; Liu, Bin: *SMALL METHODS*, 2018, 2, -.
Li, Jingkun; Jaouen, Frederic: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 9, 198-206.
Gonen, Shmuel; Elbaz, Lior: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2018, 9, 179-188.
Wang, Aiqin; Li, Jun; Zhang, Tao: *NATURE REVIEWS CHEMISTRY*, 2018, 2, 65-81.
Liu, Wenping; Hou, Yuxia; Pan, Houhe; Liu, Wenbo; Qi, Dongdong; Wang, Kang; Jiang, Jianzhuang; Yao, Xiangdong: *JOURNAL OF MATERIALS CHEMISTRY A*, 2018, 6, 8349-8357.
Peera, Shaik Gouse; Balamurugan, Jayaraman; Kim, Nam Hoon; Lee, Joong Hee: *SMALL*, 2018, 14, -.
Wang, Zhongxu; Zhao, Jingxiang; Wang, Jingyang; Cabrera, Carlos R.; Chen, Zhongfang: *JOURNAL OF MATERIALS CHEMISTRY A*, 2018, 6, 7547-7556.
Wan, Gang; Yu, Pengfei; Chen, Hangrong; Wen, Jianguo; Sun, Cheng-jun; Zhou, Hua; Zhang, Nian; Li, Qianru; Zhao, Wanpeng; Xie, Bing; Li, Tao; Shi, Jianlin: *SMALL*, 2018, 14, -.
Pan, Fuping; Zhang, Hanguang; Liu, Kexi; Cullen, David; More, Karren; Wang, Maoyu; Feng, Zhenxing; Wang, Guofeng; Wu, Gang; Li, Ying: *ACS CATALYSIS*, 2018, 8, 3116-3122.
Jaouen, Frederic; Jones, Deborah; Coutard, Nathan; Artero, Vincent; Strasser, Peter; Kucernak, Anthony: *JOHNSON MATTHEY TECHNOLOGY REVIEW*, 2018, 62, 231-255.
Wang, Xiao Xia; Cullen, David A.; Pan, Yung-Tin; Hwang, Sooyeon; Wang, Maoyu; Feng, Zhenxing; Wang, Jingyun; Engelhard, Mark H.; Zhang, Hanguang; He, Yanghua; Shao, Yuyan; Su, Dong; More, Karren L.; Spendelow, Jacob S.; Wu, Gang: *ADVANCED MATERIALS*, 2018, 30, -.
Liu, Qin; Cao, Shubo; Fu, Yi; Guo, Ya; Qiu, Yejun: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2018, 813, 52-57.
Wang, Ying; Wang, Lei; Tong, Miaomiao; Zhao, Xiaojun; Gao, Yanting; Fu, Honggang: *NANOSCALE*, 2018, 10, 4311-4319.
Liu, Sa; Yang, Zheng; Li, Mengli; Liu, Liwen; Wang, Yan; Lv, Wenjie; Qin, Zhenglong; Zhao, Xinsheng; Zhu, Ping; Wang, Guoxiang: *ELECTROCHIMICA ACTA*, 2018, 265, 221-231.
Zhou, Ziqian; Chen, Aoling; Kong, Aiguo; Fan, Xiaohong; Zhang, Xiaoying; Shan, Yongkui: *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*, 2018, 165, H658-H666.

76. Macounová, K. M.; Simic, N.; Ahlberg, E.; Krtil, P.; Electrocatalytic Aspects of the Chlorate Process: A Voltammetric and DEMS Comparison of RuO_2 and DSA Anodes. *Journal of the Electrochemical Society* **2018**, *165* (14), E751-E758, Article. DOI: 10.1149/2.0241814jes. IF= 4.316, Počet citací: 4

Citováno v:
Lindberg, Aleksandra; Diaz-Morales, Oscar; Holmin, Susanne; Cornell, Ann: *INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH*, 2021, 60, 13505-13514.
Monteiro, Mayra Kerolly Sales; Monteiro, Mayara Maria Sales; Henrique, Andre Miller de Melo; Llanos, Javier; Saez, Cristina; Dos Santos, Elisama Vieira; Rodrigo, Manuel Andres: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2021, 27, -.
Ren, Changxu; Yang, Peng; Gao, Jinyu; Huo, Xiangchen; Min, Xiaopeng; Bi, Eric Y.; Liu, Yiming; Wang, Yin; Zhu, Mengqiang; Liu, Jinyong: *ACS CATALYSIS*, 2020, 10, 8201-8211.
Sanchez-Montes, Isaac; Perez, Jose F.; Saez, Cristina; Rodrigo, Manuel A.; Canizares, Pablo; Aquino, Jose M.: *CHEMOSPHERE*, 2020, 238, -.

77. Pittkowski, R.; Krtil, P.; Rossmeisl, J.; Rationality in the new oxygen evolution catalyst development. *Current Opinion in Electrochemistry* **2018**, *12*, 218-224. IF= 7.272, Počet citací: 12

Citováno v:
Plevova, Michaela; Hnat, Jaromir; Bouzek, Karel: *JOURNAL OF POWER SOURCES*, 2021, 507, -.
Lemoine, Kevin; Gohari-Bajestani, Zahra; Moury, Romain; Terry, Alexandre; Guiet, Amandine; Greneche, Jean-Marc; Hemon-Ribaud, Annie; Heidary, Nina; Maisonneuve, Vincent; Kornienko, Nikolay; Lhoste, Jerome: *ACS APPLIED ENERGY MATERIALS*, 2021, 4, 1173-1181.
Zeradjanin, Aleksandar R.; Masa, Justus; Spanos, Ioannis; Schlogl, Robert: *FRONTIERS IN ENERGY RESEARCH*, 2021, 8, -.
Pittkowski, Rebecca; Divanis, Spyridon; Klementová, Mariana; Nebel, Roman; Nikman, Shahin; Hoster, Harry; Mukerjee, Sanjeev; Rossmeisl, Jan; Krtil, Petr: *ACS CATALYSIS*, 2021, 11, 985-997.

Pittkowski, Rebecca K.; Abbott, Daniel F.; Nebel, Roman; Divanis, Spyridon; Fabbri, Emiliana; Castelli, Ivano E.; Schmidt, Thomas J.; Rossmeisl, Jan; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2021, 366, -.
Favet, Thomas; Cottineau, Thomas; Keller, Valerie; El Khakani, My Ali: *SOLAR ENERGY MATERIALS AND SOLAR CELLS*, 2020, 217, -.
Park, Sunghak; Lee, Yoon Ho; Choi, Seungwoo; Seo, Hongmin; Lee, Moo Young; Balamurugan, Mani; Nam, Ki Tae: *ENERGY & ENVIRONMENTAL SCIENCE*, 2020, 13, 2310-2340.
Kotomin, Eugene A.; Mastrikov, Yuri A.; Merkle, Rotraut; Maier, Joachim: *CURRENT OPINION IN ELECTROCHEMISTRY*, 2020, 19, 122-128.
Vanbuel, Jan; Ferrari, Piero; Janssens, Ewald: *ADVANCES IN PHYSICS-X*, 2020, 5, -.
King, Hannah J.; Fournier, Maxime; Bonke, Shannon A.; Seeman, Enrico; Chatti, Manjunath; Jumabekov, Askhat N.; Johannessen, Bernt; Kappen, Peter; Simonov, Alexandr N.; Hocking, Rosalie K.: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2019, 123, 28533-28549.
Martin, Antonio Jose; Perez-Ramirez, Javier: *JOULE*, 2019, 3, 2602-2621.
Lemoine, Kevin; Lhoste, Jerome; Hemon-Ribaud, Annie; Heidary, Nina; Maisonneuve, Vincent; Guiet, Amandine; Kornienko, Nikolay: *CHEMICAL SCIENCE*, 2019, 10, 9209-9218

78. Abbott, D. F.; Pittkowski, R. K.; Macounová, K.; Nebel, R.; Marelli, E.; Fabbri, E.; Castelli, I. E.; Krtil, P.; Schmidt, T. J. ; Design and Synthesis of Ir/Ru Pyrochlore Catalysts for the Oxygen Evolution Reaction Based on Their Bulk Thermodynamic Properties. *ACS applied materials & interfaces* **2019**, *11* (41), 37748-37760. IF=9.229 , Počet citací: 27

Citováno v:
Lamei, Sanam; Alemi, Abdolali; Alipour, Esmaeel: *MATERIALS CHEMISTRY AND PHYSICS*, 2021, 273, -.
Castro, A. A.; Rosas-Huerta, J. L.; Escamilla, R.: *PHYSICA B-CONDENSED MATTER*, 2021, 619, -.
Kim, In Gyeom; Lim, Ahyoun; Jang, Jong Hyun; Lee, Kwan-Young; Nah, In Wook; Park, Sehkyu: *JOURNAL OF POWER SOURCES*, 2021, 501, -.
Liu, Yipu; Liang, Xiao; Chen, Hui; Gao, Ruiqin; Shi, Lei; Yang, Lan; Zou, Xiaoxin: *CHINESE JOURNAL OF CATALYSIS*, 2021, 42, 1054-1077.
Ma, Cheng-Long; Wang, Zhi-Qiang; Sun, Wei; Cao, Li-Mei; Gong, Xue-Qing; Yang, Ji: *ACS APPLIED MATERIALS & INTERFACES*, 2021, 13, 29654-29663.
Kim, Myeongjin; Park, Jinho; Ju, Hyun; Kim, Jin Young; Cho, Hyun-Seok; Kim, Chang-Hee; Kim, Byung-Hyun; Lee, Seung Woo: *ENERGY & ENVIRONMENTAL SCIENCE*, 2021, 14, 3053-3063.
Kim, Taekyung; Kim, Byeongyoon; Kwon, Taehyun; Kim, Ho Young; Kim, Jin Young; Lee, Kwangyeol: *MATERIALS CHEMISTRY FRONTIERS*, 2021, 5, 4445-4473.
Marlton, Frederick P.; Zhang, Zhaoming; Zhang, Yuanpeng; Proffen, Thomas E.; Ling, Chris D.; Kennedy, Brendan J.: *CHEMISTRY OF MATERIALS*, 2021, 33, 1407-1415.
Rajakumaran, Ramachandran; Sukanya, Ramaraj; Chen, Shen Ming; Karthik, Raj; Breslin, Carmel B.; Shafi, P. Muhammed: *INORGANIC CHEMISTRY*, 2021, 60, 2464-2476.
Pan, Qiwen; Wang, Lei: *JOURNAL OF POWER SOURCES*, 2021, 485, -.
Yang, Zhou; Yang, Runmiao; Dong, Guanxiu; Xiang, Meng; Hui, Jia; Ou, Junfei; Qin, Hengfei: *ACS OMEGA*, 2021, 6, 2066-2073.
Pittkowski, Rebecca; Divanis, Spyridon; Klementová, Mariana; Nebel, Roman; Nikman, Shahin; Hoster, Harry; Mukerjee, Sanjeev; Rossmeisl, Jan; Krtil, Petr: *ACS CATALYSIS*, 2021, 11, 985-997.
Pittkowski, Rebecca K.; Abbott, Daniel F.; Nebel, Roman; Divanis, Spyridon; Fabbri, Emiliana; Castelli, Ivano E.; Schmidt, Thomas J.; Rossmeisl, Jan; Krtil, Petr: *ELECTROCHIMICA ACTA*, 2021, 366, -.
Yang, Zhou; Yan, Chunfu; Xiang, Meng; Shi, Yan; Ding, Mingqing; Hui, Jia: *INTERNATIONAL JOURNAL OF ENERGY RESEARCH*, 2021, 45, 8474-8483.
Chen, Zhijie; Duan, Xiaoguang; Wei, Wei; Wang, Shaobin; Ni, Bing-Jie: *NANO ENERGY*, 2020, 78, -.
Chen, Zhijie; Duan, Xiaoguang; Wei, Wei; Wang, Shaobin; Ni, Bing-Jie: *NANO ENERGY*, 2020, 78, -.
Song, Hee Jo; Yoon, Hyunseok; Ju, Bobae; Kim, Dong-Wan: *ADVANCED ENERGY MATERIALS*, 2021, 11, -.
Gao, Xu; Gao, Yi-jing; Li, Sui-qin; Yang, Jun; Zhuang, Gui-lin; Deng, Sheng-wei; Yao, Zi-Hao; Zhong, Xing; Wei, Zhong-zhe; Wang, Jian-guo: *JOURNAL OF ENERGY CHEMISTRY*, 2020, 50, 135-142.
Hubert, McKenzie A.; Patel, Anjli M.; Gallo, Alessandro; Liu, Yunzhi; Valle, Eduardo; Ben-Naim, Micha; Sanchez, Joel; Sokaras, Dimosthenis; Sinclair, Robert; Norskov, Jens K.; King, Laurie A.; Bajdich, Michal; Jaramillo, Thomas F.: *ACS CATALYSIS*, 2020, 10, 12182-12196.
Burnett, David L.; Petrucco, Enrico; Russell, Andrea E.; Kashtiban, Reza J.; Sharman, Jonathan D. B.; Walton, Richard, I: *PHYSICAL CHEMISTRY CHEMICAL PHYSICS*, 2020, 22, 18770-18773.
Huber, Sebastiaan P.; Zoupanos, Spyros; Uhrin, Martin; Talirz, Leopold; Kahle, Leonid; Haeuselmann, Rico; Gresch, Dominik; Mueller, Tiziano; Yakutovich, Aliaksandr V.; Andersen, Casper W.; Ramirez, Francisco F.; Adorf, Carl S.; Gargiulo, Fernando; Kumbhar: *SCIENTIFIC DATA*, 2020, 7, -.
Feng, Qi; Zhang, Zhen; Huang, Henghui; Yao, Keguang; Fan, Jiantao; Zeng, Lin; Williams, Mark C.; Li, Hui; Wang, Haijiang: *CHEMICAL ENGINEERING JOURNAL*, 2020, 395, -.
Burnett, David L.; Petrucco, Enrico; Rigg, Katie M.; Zalitis, Christopher M.; Lok, Jamie G.; Kashtiban, Reza J.; Lees, Martin R.; Sharman, Jonathan D. B.; Walton, Richard I.: *CHEMISTRY OF MATERIALS*, 2020, 32, 6150-6160.
Gayen, Pralay; Saha, Sulay; Bhattacharyya, Kaustava; Ramani, Vijay K.: *ACS CATALYSIS*, 2020, 10, 7734-7746.
Kim, Myeongjin; Park, Jinho; Kang, Minsoo; Kim, Jin Young; Lee, Seung Woo: *ACS CENTRAL SCIENCE*, 2020, 6, 880-891.

Esposito, Vincenzo; Castelli, Ivano E.: *ADVANCED MATERIALS INTERFACES*, 2020, 7, -.
Kuznetsov, Denis A.; Naeem, Muhammad A.; Kumar, Priyank, V; Abdala, Paula M.; Fedorov, Alexey; Mueller, Christoph R.: *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*, 2020, 142, 7883-7888.

79. Klusáčková, M.; Nebel, R.; Macounová, K. M.; Klementová, M.; Krtil, P.; Size control of the photo-electrochemical water splitting activity of $SrTiO_3$ nano-cubes. *Electrochimica Acta* **2019**, *297*, 215-222, Article. DOI: 10.1016/j.electacta.2018.11.185. IF= 6.901, Počet citací: 9
Citováno v:
Pittkowski, Rebecca; Divanis, Spyridon; Klementová, Mariana; Nebel, Roman; Nikman, Shahin; Hoster, Harry; Mukerjee, Sanjeev; Rossmeisl, Jan; Krtil, Petr: *ACS CATALYSIS*, 2021, 11, 985-997.
Peighambardoust, Naeimeh Sadat; Aydemir, Umut: *TURKISH JOURNAL OF CHEMISTRY*, 2021, 45, 323-332.
Wang, Shifa; Gao, Huajing; Yu, Xianlun; Tang, Shengnan; Wang, Yong; Fang, Leiming; Zhao, Xinxin; Li, Jinyu; Yang, Liang; Dang, Wenqiang: *JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS*, 2020, 31, 17736-17754.
Zhang, Junjie; Maimaitizi, Hujiabudula; Zhang, Tao; Tursun, Yalkunjan; Talifu, Dilinuer; Abulizi, Abulikemu: *FUNCTIONAL MATERIALS LETTERS*, 2020, 13, -.
Zhou, Man; Chen, Jingwen; Zhang, Yakang; Jiang, Mengting; Xu, Song; Liang, Qian; Li, Zhongyu: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2020, 817, -.
Wang, Ning: *APPLIED SURFACE SCIENCE*, 2020, 506, -.
Huang, Yanbin; Liu, Jun; Deng, Yanchun; Qian, Yuanyuan; Jia, Xiaohao; Ma, Mengmeng; Yang, Cheng; Liu, Kong; Wang, Zhijie; Qu, Shengchun; Wang, Zhanguo: *JOURNAL OF SEMICONDUCTORS*, 2020, 41, -.
He, Huichao; Liao, Aizhen; Guo, Wenlong; Luo, Wenjun; Zhou, Yong; Zou, Zhigang: *NANO TODAY*, 2019, 28, -.
Macounová, Katerina Minhova; Nebel, Roman; Klusáčková, Monika; Klementová, Mariana; Krtil, Petr: *ACS APPLIED MATERIALS & INTERFACES*, 2019, 11, 16506-16516.

80. Macounová, K. M.; Nebel, R.; Klusáčková, M.; Klementová, M.; Krtil, P.; Selectivity Control of the Photo-Catalytic Water Oxidation on $SrTiO_3$ Nanocubes via Surface Dimensionality. *ACS Applied Materials & Interfaces* **2019**, *11* (18), 16506-16516. DOI: 10.1021/acsami.9b00342. IF=9.229 , Počet citací: 8
Citováno v:
Zou, Yingtong; Hu, Yezi; Uhrich, Andrej; Shen, Zewen; Peng, Baoxiang; Ji, Zhuoyu; Muhler, Martin; Zhao, Guixia; Wang, Xiangke; Xu, Xiaoxiang: *APPLIED CATALYSIS B-ENVIRONMENTAL*, 2021, 298, -.
Vijay, Aditi; Vaidya, Sonalika: *ACS APPLIED NANO MATERIALS*, 2021, 4, 3406-3415.
Liu, Junying; Wei, Zhidong; Shangguan, Wenfeng: *FRONTIERS IN ENERGY*, 2021, 15, 700-709.
Pittkowski, Rebecca; Divanis, Spyridon; Klementová, Mariana; Nebel, Roman; Nikman, Shahin; Hoster, Harry; Mukerjee, Sanjeev; Rossmeisl, Jan; Krtil, Petr: *ACS CATALYSIS*, 2021, 11, 985-997.
Yu, Hanbo; Huang, Jinhui; Jiang, Longbo; Shi, Yahui; Yi, Kaixin; Zhang, Wei; Zhang, Jin; Chen, Haoyun; Yuan, Xingzhong: *CHEMICAL ENGINEERING JOURNAL*, 2020, 402, -.
Chen, Lei; Sun, Yongjun: *DESALINATION AND WATER TREATMENT*, 2020, 208, 330-336.
Wei, Haoshan; Cai, Jingyi; Zhang, Yong; Zhang, Xueru; Baranova, Elena A.; Cui, Jiewu; Wang, Yan; Shu, Xia; Qin, Yongqiang; Liu, Jiaqin; Wu, Yucheng: *RSC ADVANCES*, 2020, 10, 42619-42627.
Chen, Ruimin; Wang, Hong; Wu, Huizhong; Sheng, Jianping; Li, Jieyuan; Cui, Wen; Dong, Fan: *CHINESE JOURNAL OF CATALYSIS*, 2020, 41, 710-718.

81. Macounová, K. M.; Simic, N.; Ahlberg, E.; Krtil, P.; Hypochlorite Oxidation on RuO_2-Based Electrodes: a Combined Electrochemical and In Situ Mass Spectroscopic Study. *Electrocatalysis* **2019**, *10* (1), 45-55. DOI: 10.1007/s12678-018-0487-x. IF=2.713 , Počet citací: 1
Citováno v:
Carvela, M.; Conti, J.; Lobato, J.; Scialdone, O.; Rodrigo, M. A.: *SEPARATION AND PURIFICATION TECHNOLOGY*, 2020, 248, -.

82. Nebel, R.; Macounová, K. M.; Tarabkova, H.; Kavan, L.; Krtil, P.; Selectivity of Photoelectrochemical Water Splitting on TiO_2 Anatase Single Crystals. *Journal of Physical Chemistry C* **2019**, *123* (17), 10857-10867, Article. DOI: 10.1021/acs.jpcc.8b11730. IF=4.126 , Počet citací: 17:
Citováno v
Zhang, Wei; Lin, Yingying; Chen, Rong; Zhu, Xun; Ye, Dingding; Yang, Yang; Li, Jinwang; Yu, Youxu; Liao, Qiang: *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2021, 897, -.
Satale, Vinayak Vitthal; Ganesh, Vattikondala; Dey, Avishek; Krishnamurthy, Satheesh; Bhat, S. Venkataprasad: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2021, 46, 12715-12724.
Bao, Yan; Guo, Ruyue; Gao, Min; Kang, Qiaoling; Ma, Jianzhong: *JOURNAL OF ALLOYS AND COMPOUNDS*, 2021, 853, -.
Mansfeldova, Vera; Zlamalova, Magda; Tarabkova, Hana; Janda, Pavel; Vorokhta, Mykhailo; Piliai, Lesia; Kavan, Ladislav: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2021, 125, 1902-1912.

Chakrabarty, Poulomi; Ghorai, Arup; Ray, Samit K.; Mukherjee, Rabibrata: *ACS APPLIED ELECTRONIC MATERIALS*, 2020, 2, 2895-2905.
Babar, Noor-Ul-Ain; Joya, Khurram Saleem: *ACS OMEGA*, 2020, 5, 10641-10650.
Murph, Simona E. Hunyadi; Heruox, Katie: *CATALYSTS*, 2020, 10, -.
Zhu, Mengtei; Wang, Yuanyuan; Deng, Yan-Hui; Peng, Xiaoniu; Wang, Xina; Yuan, Hui; Yang, Zhong-Jian; Wang, Yalan; Wang, Hao: *NANOSCALE*, 2020, 12, 7035-7044.
Ryzhkov, Nikolay V.; Yurova, Veronika Yu.; Ulasevich, Sviatlana A.; Skorb, Ekaterina V.: *RSC ADVANCES*, 2020, 10, 12355-12359.
Kavan, Ladislav; Zivcova, Zuzana Vlckova; Zlamalova, Magda; Zakeeruddin, Shaik M.; Graetzel, Michael: *JOURNAL OF PHYSICAL CHEMISTRY C*, 2020, 124, 6512-6521.
Buravets, Vladislav; Macounová, Katerina Minhova; Nebel, Roman; Zukalova, Marketa; Kavan, Ladislav; Krtil, Petr: *ELECTROCATALYSIS*, 2021, 12, 15-25.
Zhao, Guodong; Xuan, Jingyue; Gong, Qianqian; Wang, Lili; Ren, Juanjuan; Sun, Meiling; Jia, Fuchao; Yin, Guangchao; Liu, Bo: *ACS APPLIED MATERIALS & INTERFACES*, 2020, 12, 8573-8582.
Lu, Can; Jothi, Palani R.; Thersleff, Thomas; Budnyak, Tetyana M.; Rokicinska, Anna; Yubuta, Kunio; Dronskowski, Richard; Kustrowski, Piotr; Fokwa, Boniface P. T.; Slabon, Adam: *NANOSCALE*, 2020, 12, 3121-3128.
Tashiro, Keigo; Yamazaki, Suzuko: *COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS*, 2019, 580, -.
Hossain, Aslam; Sakthipandi, K.; Ullah, A. K. M. Atique; Roy, Sanjay: *NANO-MICRO LETTERS*, 2019, 11, -.
Bondarchuk, Alexander N.; Corrales-Mendoza, Ivan; Tomas, Sergio A.; Marken, Frank: *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, 2019, 44, 19667-19675.
Macounová, Katerina Minhova; Nebel, Roman; Klusáčková, Monika; Klementová, Mariana; Krtil, Petr: *ACS APPLIED MATERIALS & INTERFACES*, 2019, 11, 16506-16516.

83. Sakata, K.; Macounová, K. M.; Nebel, R.; Krtil, P.; pH dependent ZnO nanostructures synthesized by hydrothermal approach and surface sensitivity of their photoelectrochemical behavior. *SN Applied Sciences* **2020**, *2* (2), 8, Article. DOI: 10.1007/s42452-020-1975-1. IF=0 , Počet citací: 4
    Citováno v:
    Droepenu, Eric Kwabena; Wee, Boon Siong; Chin, Suk Fun; Kok, Kuan Ying; Maligan, Muhammad Firdaus: BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, 2022, 12,.
    Tanase, Maria Antonia; Marinescu, Maria; Oancea, Petruta; Raducan, Adina; Mihaescu, Catalin Ionut; Alexandrescu, Elvira; Nistor, Cristina Lavinia; Jinga, Luiza-Izabela; Ditu, Lia Mara; Petcu, Cristian; Cinteza, Ludmila Otilia: MOLECULES, 2021, 26, J-J.
    Manoua, Mohamed; Jannane, Tariq; Fazouan, Nejma; Mabrouki, Mustapha; Almaggoussi, Abdelmajid; Kamoun, Najoua Turki; Liba, Ahmed: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, 2020, 31, J-J.
    Wojnarowicz, Jacek; Chudoba, Tadeusz; Lojkowski, Witold: NANOMATERIALS, 2020, 10, J-J.

84. Buravets, V.; Macounová, K. M.; Nebel, R.; Zukalova, M.; Kavan, L.; Krtil, P.; Surface Sensitivity of Hydrogen Evolution and Formaldehyde Reduction on Differently Oriented TiO_2 Anatase Nanocrystals. *Electrocatalysis* **2021**, *12* (1), 15-25, Article. DOI: 10.1007/s12678-020-00595, IF=2.713 , Počet citací: 1
    Citováno v:
    Tang, Yankun; Zhang, Ming; Nawaz, Sher Ali; Tian, Xianqing; Wang, Hairong; Wang, Jiuhong: *NANOTECHNOLOGY*, 2021, 32, -.

85. Mueller, J. E.; Hoffmannová, H.; Hiratoko, T.; Krtil, P.; Jacob, T.; Structural evolution of a PtRu catalyst in the oxidation of an organic molecule. *Journal of Catalysis* **2021**, *398*, 89-101, Article. DOI: 10.1016/j.jcat.2021.04.001. IF=7.92, Počet citací: 0

86. Pittkowski, R. K.; Abbott, D. F.; Nebel, R.; Divanis, S.; Fabbri, E.; Castelli, I. E.; Schmidt, T. J.; Rossmeisl, J.; Krtil, P.; Synergistic effects in oxygen evolution activity of mixed iridium-ruthenium pyrochlores. *Electrochimica Acta* **2021**, *366*, 11, Article. DOI: 10.1016/j.electacta.2020.137327. IF=6.901 , Počet citací: 1
    Citováno v:
    Baik, Chaekyung; Lee, Seung Woo; Pak, Chanho: *ELECTROCHIMICA ACTA*, 2021, 390, -.

87. Pittkowski, R.; Divanis, S.; Klementová, M.; Nebel, R.; Nikman, S.; Hoster, H.; Mukerjee, S.; Rossmeisl, J.; Krtil, P. ;Engendering Unprecedented Activation of Oxygen Evolution via Rational Pinning of Ni Oxidation State in Prototypical Perovskite: Close Juxtaposition of Synthetic Approach and Theoretical Conception. *ACS Catalysis* **2021**, *11* (2), 985-997. DOI: 10.1021/acscatal.0c04733.. IF=13.084 , Počet citací: 0

3.3. Vědecké práce v časopisech evidovaných v databázi Scopus, které nejsou uvedené v databázi Web of Science

Nejsou uváděny

3.4. Vědecké práce v ostatních časopisech s recenzním řízením

Nejsou uváděny

3.5. Kapitoly v monografiích, monografie

Nejsou uváděny

3.6. Články v časopisech bez recenzního řízení, články ve sbornících

Nejsou uváděny

3.7. Osobně přednesené přednášky v zahraničí a na mezinárodních konferencích[6]

1. P. Krtil, "Interactions of some aprotic solvents on platinum and glassy carbon electrodes an in-situ infrared study", research seminar of Dept. of Electrochemistry Paul Scherrer Institute , Villigen (Switzerland), 1992.
2. P. Krtil, "Some aspects of anodic processes in nonaqueous electrolyte solutions, XXVIth Heyrovsky Discussion, Liblice castle (Czech Republic), 1993.
3. P. Krtil "Ion and neutral species transport in conducting polymers", research seminar of Dept. of Electrochemistry, Paul Scherrer Institute , Villigen (Switzerland), 1995.
4. P. Krtil, "Use of EQCM method in separation of electrochemical and chemical fundamental steps by redox switching of electroactive polymer." XXIXth Heyrovský Discussion, Třešť (Czech Republic), 1996.
5. P. Krtil, "Li insertion into TiO_2 Films", 2nd Electrochemical Seminar Prague – Dresden, Krippen (Germany), 1996.
6. P. Krtil, M. Yoshimura, "Formation of tungstates of alkali earth metals by soft solution processing - an electrochemical and in-situ AFM Study." IVth IUMRS ICA, Chiba (Japan) 1997.
7. P. Krtil, M. Yoshimura, "Electrochemical preparation of oxide materials for electrochemistry and electronics", ELACH - 3 conference, Zeuthen (Germany) 1997. (invited).
8. P. Krtil, K.S. Han, M. Yoshimura, "Electrochemical properties of the $LiNiO_2$ thin films prepared by soft solution processing", 11th conference on Solid State Ionics, Honolulu (USA), 1997.
9. P. Krtil, „Electrochemical insertion of lithium into mesoscopic anatase electrodes" research seminar Dept. of Materials, Tokyo Institute of Technology, Yokohama (Japan), 1997.
10. P. Krtil, "Lithium insertion into TiO_2 – effects of structure and morphology", research seminar of Dept. of Chemistry, Meisei University, Tokyo (Japan), 1998
11. P. Krtil, "Dark electrochemistry of rutile and anatase", research seminar of Dept. of Applied Chemistry, Tokyo University, Tokyo (Japan), 1998.
12. P. Krtil, D. Fattakhova, L. Kavan, S. Burnside, M. Grätzel, "Lithium insertion into self-organized mesoscopic TiO_2 (anatase) electrodes", 12th conference on Solid State Ionics, Halkidiki (Greece), 1999.
13. P. Krtil, "Insertion behavior of nanocrystalline nad nano-structured anatase electrodes" 4th. International Workshop on Soft Solution Processing for Advanced Inorganic Materials, Yokohama (Japan), 2000 (invited).
14. D. Fattakhova, P. Krtil, "Hydrothermal synthesis of 2V insertion materials in the Li-Ti-O system - effective tool to modify electrochemical properties", International Symposium on "Soft

[6] Mezi oficiálními jazyky konference nebyl uveden jazyk český nebo slovenský.

Solution-Processing" - Novel Fabrication Processing for Inorganic Materials to Sustainable Development in a New Millennium, Tokyo, (Japan) 2000 (invited).

15. P. Krtil, "Electrochemical characterization of nanocrystalline and nanostructured insertion electrodes." Seminar of the Dept. of Chemistry, State University of New York at Plattsburgh, Plattsburgh (USA) 2001.
16. H. Krýsová, D. Fattakhova and P. Krtil, "Electrochemical activity of solvothermally treated electrochemical MnO_2", 203rd ECS Meeting , Paris (France), 2003
17. P. Krtil, "Solvothermal synthesis of nanocrystalline Li-Ti-O oxides for Li insertion applications", IUMRS-ICA 2003, Yokohama (Japan), 2003
18. P. Krtil "Solution based synthesis of nanocrystalline and and nanoorganized oxide electrodes for lithium ion batteries and their performance in thin film electrodes." Eurointerfinish, Praglia (Italy), 2003.
19. P. Krtil,"The effect of coherent domain size on the electrochemical activity of the nanocrystalline oxides towards Li insertion", Solid State Chemistry Conference, Prague (Czech Republic), 2004.
20. T. Kostlánová, J. Dědeček and P. Krtil, ^{6}Li MAS NMR investigations of the Li insertion into nanocrystalline Li-Ti-O spinels - the influence of the coherent domain size on the reaction mechanism", 206th ECS Meeting, Honolulu (USA), 2004.
21. J. Jirkovský, M. Makarova and P. Krtil, " The influence of the coherent domain size on the Li-insertion behavior of nanocrystalline RuO_2", 206th ECS Meeting, Honolulu (USA), 2004.
22. P. Krtil, "Particle size and defect distribution effects in electrochemical behavior of nanocrystalline oxides", 1. Symposium Prague - Vienna on the combination of Theoretical and Experimental techniques in Characterization of Catalytic Systems. Vienna (Austria), 2005.
23. P. Krtil, H. Hoffmannová, J. Jirkovský, K. Macounová, M. Makarova, "Particle size and defect distribution in electrochemical activity of nanocrystalline oxides", 38th Heyrovsky discussion, Třešť (Czech Republic) ,2005.
24. P. Krtil, J. Dědeček and T. Kostlánová, The mechanism of Li insertion into nanocrystalline Li-Ti-O spinels - ^{6}Li MAS NMR study", 56th ISE Annual Meeting, Busan (Korea), 2005.
25. J. Jirkovský, M. Makarova and P. Krtil, "Coherent domain effect on Li insertion activity of nanocrystalline oxides", 56th ISE Annual Meeting, Busan (Korea), 2005.
26. P. Krtil, E. M. Pater, H. Hoffmannová EQCM investigation of charge transfer processes onliquid-liquid interface based on self-assembled polyelectrolytes. 56th ISE Meeting, Busan (Korea), 2005.
27. J. Jirkovský, H. Hoffmannová, M. Makarova, M. Klementová and P. Krtil, "Particle size/shape effect on the electrocatalytic activity of nanocrystalline RuO_2 electrodes", 4th ISE Spring Meeting, Singapore (Singapore), 2006 (invited)
28. P. Krtil, H. Hoffmannová, J. Jirkovský, M. Klementová and M. Makarova, "Particle shape triggered modifications of electrocatalytic activity of nanocrystalline oxides, 5th Internatrional Conference on Electrocatalysis, Boka Kotor (Monte Negro), 2006. (invited)
29. H. Hoffmannová, J. Jirkovský, P. Krtil, K. Macounová, M. Klementová, M. Makarova, "Particle shape and surface composition role in electrocatalytic behavior of nanocrystalline oxide interfaces", 11th International Conference on Electrified Interfaces, Sahoro, Japan, 2007.
30. P. Krtil, H. Hoffmannová, J. Jirkovský, K. Macounová, M. Makarova, "The role of particle shape and surface composition in electrocatalytic behavior of nanostructured oxide electrodes.", 58th ISE Annual Meeting, Banff, (Canada), 2007.
31. P. Krtil, Z. Bastl, J. Jirkovský, K. Macounová, V. Petrykin, "Heterostatically doped Ru based oxides with rutile structure for selective oxidative electrocatalysis," 59th ISE Annual Meeting, Sevilla (Spain), 2008.
32. P. Krtil, "Electrocastalysis on nanocrystalline oxides with rutile structure electrocastalysis on nanocrystalline oxides with rutile structure", 7th ISE Spring Meeting, Szczyrk (Poland), 2009. (invited).
33. P. Krtil, K. Macounová, V. Petrykin, S. Mukerjee, "Oxygen evolution on nanocrystalline electrodes based on oxides with rutile structure – DEMS and in-situ XAS study", 60th ISE Annual Meeting, Beijing (China), 2009.
34. P. Krtil, K. Macounová, V. Petrykin and S. Mukerjee "Oxygen evolution on nanocrystalline electrodes based on oxides with rutile structure: DEMS and in-situ XAS Study", 216th ECS Meeting, Vienna (Austria), 2009.

35. P. Krtil, V. Petrykin, K. Macounová, J. Franc, M. Okube, "Electrocatalytic gas evolution on nanocrystalline $Ru_{1-X}M_XO_2$ (M=Ni, Fe and Zn) - relation between selectivity and local structure," 12th International conference on electrified interfaces, Lake Geneva (USA), 2010.(invited)
36. K. Macounová, V. Petrykin, J. Franc, P. Krtil, "Mechanistic Aspects of Electrocatalysis on Doped RuO_2", 61th ISE Annual Meeting, Nice (France), 2010.
37. P. Krtil, "Surface stability of the nanocrystalline alloys". 44th Heyrovsky Discussions, Trest castle (Czech Republic), 2011.
38. M. Okube, D. Fantauzzi, T. Jacob, V. Petrykin, P. Krtil, "Surface segrgations of Au_4Pd nanopraticulate alloys triggered by electrocatalytic reactions", 62nd ISE Annual Meeting of the International Society of Electrochemistry, Niigata (Japan), 2011.
39. M.Okube, D. Fantauzzi, T. Jacob, V. Petrykin, P. Krtil, Surface segrgations of Au-Pd alloys in hydrogen evolution region, 220th Meeting of the Electrochemical Society, Boston (USA), 2011.
40. P. Krtil, Relationship between local structure and electrocatalytic activity of complex-catalytic materials, Zing Electrochemistry Conference, Lanzarotte (Spain), 2012 (invited).
41. P. Krtil, Local structure in control of electrocatalytic processes, 221st Meeting of the Electrochemical Society, Seattle (USA), 2012 (invited).
42. P. Krtil, E. Pohjalainen, I. Bilecka, H. Hoffmannová, V. Petrykin, M. Niederberger, "Cycleability of the Doped $LiFePO_4$ Based Olivine Electrodes - an in situ X-ray Absorption Spectroscopy Study," 63rd ISE Annual Meeting, Prague (Czech Republic), 2012.
43. P. Krtil, H. Hoffmannová, P. Ochal, K. Murai, V. Petrykin, M. Okube, S. Sunde, "Breathing behavior of Pt-Ru based electrocatalysts", 223rd Meeting of the Electrochemical Society, Toronto (Canada), 2013 (invited).
44. P. Krtil, "Local structure effects in control of electrocatlytic processes", 13th International conference on electrified interfaces, Liblice Castle (Czech Republic), 2013.
45. P. Krtil, H. Hoffmannová, M. Okube, V. Petrykin, "Surface segregations of Pt-based nanoparticulate electrocatalysts", 64th ISE Annual Meeting, Queretaro (Mexico), 2013.
46. P. Krtil, N. Bedtsen Halck, V. Petrykin, J. Rossmeisl, "Breaking the scaling relationships in oxygen evolution reaction", 65th ISE Annual Meeting, Lausanne (Switzerland), 2014.
47. P. Krtil, T. Hiratoko, H. Hoffmannová, J. Mueller, T. Jacob, "Dynamics of Pt/Ru Based Alloy Catalysts in Formate Oxidation Process – a DFT and In-Situ XAS Approach", 66th ISE Annual Meeting, Taipei (Taiwan), 2015.
48. P. Krtil, "Face selectivity of the photoelectrochemical water splitting on nanocrystalline anatse catalysts", 14th International conference on electrified interfaces, Changi Cove (Singapore), 2016 (invited).
49. P. Krtil, "Photoelectrochemical water splitting on titania polymorphs", 49th Heyrovsky Discussion, Trest castle (Czech Republic), 2016 (invited).
50. P. Krtil, "The Role of Anatase Surface Orientation in Selectivity of Photo-electrochemical Water Splitting", 21st ISE Topical Meeting, Szeged, Hungary 2017.
51. P. Krtil J. E. Mueller, H. Hoffmannová, T. Jacob, "Dynamics of Surface Phases - the Nuts and Bolts of Rational Design of Binary Alloy Catalysts", 68th ISE Annual Meeting, Providence (USA), 2017 (invited)
52. Petr Krtil, Roman Nebel, Monika Klusáčková, Kateřina Minhová Macounová, Ladislav Kavan, Ivano Castelli, Jan Rossmeisl, Activity and Selectivity Control of the Photo- electrochemical Behavior of Nanoparticulate n-semiconductors Based on Ti Oxides, 22nd ISE Topical Meeting, Tokyo, Japan, 2018
53. P. Krtil, Size and Surface Orientation Effect in Phototelectrochemical Water Oxidation, 69th ISE Annual Meeting, Bologna, Italy, 2018
54. P. Krtil, M. Klusačková, K. Minhová Macounová, Size dependence of Photoelectrochemical Activity of $SrTiO_3$ Nanocubes, 170th Ise Annzal Meeting, Durban, South Africa, 2019.
55. P. Krtil, S. Stamatin, K. Macounová, Selectivity trends in parallel oxygen and chlorine evolution on nanocrystalline $Ru_{1-x}Ti_xO_2$ phases, 72nd Annual Meeting of ISE, Jeju, Korea, 2021

3.8. Osobně přednesené přednášky na národních konferencích

1. P. Krtil and P. Novák, "Use of IR spectroscopy in study of electrochemical power sources",VIth Conference on Chemical Sources of Electrical Energy, Brno (Czech Republic), 1991.

3.9. Odpovědný řešitel zahraničních grantů a projektů

1. ” NOSOE Nanocrystalline oxides for selective oxidative electrocatalysis”, Marie Curie International Incoming Fellowship, Project No. 220711, Poskytovatel Research Executive Agency, Příjemce“ ÚFCH JH total amount 200.000,- € Spoluřešitelská pracoviště: nejsou. Období řešení projektu: 1.6.2008 – 31.5.2010.
2. „ELCOREL - Electrochemical conversion of Renewable Electricity to Chemicals“ Marie Sklodowska Curie – Innovative Training Network, ITN-214936, Poskytovatel Research Executive Agncy, Spoluřešitelská pracoviště: University Leiden, Aalto University, Copenhagen University, ICIQ, DNora S.A., Avantium, S.A. Příjemce ÚFCH JH (celková podpora 3,600,000.- €). Období řešení projektu 1.5. 2017 - 30.4. 2021

3.10. Odpovědný řešitel domácích grantů a projektů

1. "Lithium Insertion into TiO_2 Studied by Electrochemical Quartz Crystal Microbalance and Spectroelectrochemistry", Poskytovatel“ GAČR grant No. 203/96/1088, Příjemce ÚFCH JH Celková podpora: 941.000 Kč
2. “Electrochemical and In-situ AFM Study of the Electrochemical Formation of Oxide Thin Films with Controlled Crystalinity at Elevated Temperatures.”, ", Poskytovatel“ GAČR grant No. 203/99/0879, Příjemce ÚFCH JH Celková podpora 2.400.000 Kč.
3. „Low Temperature Synthesis of Electrochemically Active Phases in Li-Ti-O, Li-Mn-O and Li-Fe-Mn-O and Their Electrochemical Caracterization, ", Poskytovatel“ GAČR grant No. 203/03/0823, Příjemce ÚFCH JH Celková podpora: 2,328,000.- Kč
4.“ In situ gravimetric study of the ion transport and adsorption at an Interface of Two immiscible Electrolyte Solutions”, ", Poskytovatel“ GAAV ČR IAA400400906, Příjemce ÚFCH JH Celková podpora : 858.000 Kč.
5. “Nanocrystalline oxides for selective anodic electrocatalysis”, ", Poskytovatel“ GAČR grant No. 203/09/0753, Příjemce ÚFCH JH. Celková podpora 5.300.000 Kč.
6. „Advanced photocatalztic materials for water splitting and their rational design“, ", Poskytovatel“ GAČR grant 17-12800S, Příjemce ÚFCH JH. Celková podpora: 3,225.000 Kč.

3.11. Spoluřešitel[7] zahraničních grantů a projektů

1. “ELCAT - Surface Electrochemical Reactivity in Electrocatalysis, A combined Theoretical and Experimental Approach” Marie Curie – Initial Training Network, ITN-2007-214936, Poskytovatel Evropská komise. Koordinátor: University Gothenburg. Další partneři: University Liverpool, University Alicante, University Ulm, Johnson Mathey PLC, University Leiden, University Birmingham. Období řešení projektu 1.9. 2008 - 31.12. 2012
2. „Energy-X: Transformative chemistry for sustainable energy future“, FET Flagship preparátory actions, Poskytovatel:Evropská komise. Koordinátor: Danish Technical Uniersity. Další partneři: Institute for Energy Conversion of MPG, ETHZ, CEA Tech, University of Valencia, Utrecht University, European Research Institute of Catalysis, Ghent University, Jerzy Haber Institute of Catalysis and Surface Chemistry. Období řešení projektu 1.3. 2019-28.2. 2020

3.12. Spoluřešitel domácích grantů a projektů

Není uváděno

4. Technická a realizační činnost

4.1. Udělené evropské nebo mezinárodní patenty (EPO, WIPO), patenty USA a Japonska

1. J. Alday Lesaga F. J., Perez Ortiz de Vinaspre F., Cantero Uribe-Encheberria I., Krýsová Hana, Fattakhova Dina, Krtil Petr: "Un elemento electroquimico o pila y un catodo para el mismo. (eng)

[7] Spoluřešitel je osoba, která je spolupříjemci grantu zodpovědná za odbornou část projektu.

Electrochemical Cell with MnO_2 Cathode. ES Pat. No. P200202867. (2002)

2. Alday Lesaga F. J., Perez Ortiz de Vinaspre F., Cantero Uribe-Encheberria I., Krýsová Hana, Fattakhova Dina, Krtil Petr: Electrochemical element or cell and a cathode for same , US. Patent No. 20040146783 (2004)
3. Mukerjee Sanjeev, He Quingang, Krtil Petr, Macounová Kateřina, The enhancement effect of a transition metal IV II redox couple: A heterogeneous redox process couple to a homogeneous reaction in oxidation of ethanol. US pat. Application 61/218181 (2009).

4.2. Udělené české nebo jiné národní patenty, které jsou využívány na základě platné licenční smlouvy

Nejsou uváděny

4.3. Udělené české nebo jiné národní patenty, které jsou využívány jen vlastníkem patentu, nebo nejsou využívány

Nejsou uváděny

4.4. Autorství realizovaného komplexního technického díla s udaným společenským přínosem

Není uváděno

4.5. Poloprovozy, ověřené technologie

Nejsou uváděny

4.6. Užitné a průmyslové vzory, prototypy, funkční vzorky, software

Nejsou uváděny

4.7. Expertizní činnost

Není uváděna

5. Organizační a odborně-společenská činnost s oborem související

5.1. Členství a funkce v mezinárodních a národních odborných společnostech

Electrochemical Society, Inc.,	člen, 2001-2021
International Society of Electrochemistry	člen, 2005-dosud
Scientific Meeting Committee	člen, 2014-2017 (předseda 2017)
Executive Secretary	2019-dosud

5.2. Členství v odborných komisích a poradních orgánech

Komise pro Energetiku, AV ČR, 2021 - dosud

5.3. Členství a funkce v redakčních radách odborných časopisů

Electrocatalysis – člen redakční rady, 2016- dosud
Electrochemical Science Advances – Editor, 2020 - dosud

5.4. Členství a funkce v organizačních výborech konferencí

38th Heyrovského diskuse 2005 - Předseda organizačního výboru
63rd Annual Meeting of ISE, 2012 - Předseda organizačního výboru
13th International Conference on Electrified Interfaces, 2013- Předseda organizačního výboru

5.5. Členství a funkce v oborových radách grantových agentur

Není uváděno

5.6. Ocenění výzkumné a vývojové práce

Není uváděno

6. Zahraniční spolupráce a pobyty v zahraničí

Zahraniční pobyty
State University of New York at Buffalo, 1994-1995, 13 měsíců
Materials and Structures Laboratory, Tokyo Institute of Technology, 1997-1998, 12 měsíců

Zahraniční spolupráce:
University Copenhagen, Dept. of Chemistry, Prof. Jan Rossmeisl, 2011 – dosud
University Ulm, Institut fuer Electrochemistry, Prof. Dr. Timo Jacob, 2009 – dosud
University Gothenburg, Dept. of Chemistry, Prof. Elisabet Ahlberg, 2005-2016
Northeastern University, Dept. of Chemistry and Chemical Biology, Prof. Sanjeev Mukerjee, 2008 – dosud

Spolupráce s průmyslem
CEGASA S.A. 2000-2003
Akzo Nobel Pulp and Performance Chemicals, S.A. 2014-2016

7. Nejvýznamnější tvůrčí aktivity

i) *Racionální design oxidických elektrokatalyticky aktivních materiálů*
V rámci této aktivity kandidát vypracoval strategii racionálního designu nanokrystalických oxidů pro anody využitelné při elektrolýze vody, v industriální výrobě chloru a chlorečnanů a ve fotoelektrochemických aplikacích. Tento princip je založen na cíleném využití kvantově chemického popisu role elektrodového materiálu v relevantní anodické reakci a následné syntetické realizaci výpočetně optimalizovaných povrchových struktur. Tento koncept je schopen principiálně odstranit zásadní omezení designu oxidických materiálů pro elektrokatalytické aplikace, zejména tzv. „scaling relationship restrictions“ a lze jej použít i ke kontrole selektivity v případě paralelního vylučování kyslíku a chloru. Výsledky získané v rámci tohoto tématu byly dosud shrnuty v 32 publikacích, které byly citovány více než 1400 krát. Výsledky získané při studiu této problematiky byly základem 8 doktorských disertačních prací.

ii) *Nanokrystalické materiály pro pokročilé anody Li iontových baterií*
V rámci tohoto tématu se kandidát zaměřil na systematické studium a design nanokrystalických fází na bázi oxidů titanu jako elektrodových materiálů pro Li iontové baterie. Inzerční aktivita oxidů titanu byla popsána jak ve vztahu k jednotlivým polymorfům TiO_2 tak k jednotlivým způsobům přípravy. Zvláštní pozornost byla věnována solvothermálním technikám přípravy ternárních sloučenin v systému Li-Ti-O s cílem maximalizovat rychlost nabíjení a vybíjení. Strukturní informace založené na NMR spektroskopii byly použity k formulaci obecného popisu fázových přechodů vyvolaných inzercí/extrakcí Li z anorganické struktury. Na základě tohoto popisu byly formulovány

syntetické postupy pro přípravu materiálů s potlačenou tendencí k fázové nestabilitě. Výsledky studia inzerčních sloučenin shrnul kandidát v 15 původních pracích, které byly dosud citovány více než 700 krát a byly základem 2 obhájených doktorských disertačních prací.

iii) Operando chování binárních slitin

V rámci tohoto tématu byl vypracován teoretický model chování binárních slitin za operando podmínek elektrokatalytických reakcí – zejména vylučování vodíku, redukce kyslíku a oxidace organických molekul. Tento koncept odráží zejména dynamické změny povrchového složení slitin a předpovídá převládající složení a strukturu klíčových adsorbovaných meziproduktů. Teoretický model byl experimentálně ověřen pomocí in-situ rentgenové absorpční spektroskopie (XAS) jak pro konvenční tak i bifunkční slitiny. Tvůrčí aktivity v této oblasti byly shrnuty ve 4 původních pracích a v 8 přednáškách prezentovaných na mezinárodních konferencích.