

Lp	Tytuł czasopisma	Autorzy	Tytuł publikacji	Rok/tom/strony	DOI	IF	Punkty MNISW
1	ANALYST	Sa, Jacinto ; Czapla-Masztafiak, Joanna; Lipiec, Ewelina; Kayser, Yves; Fernandes, Daniel L. A.; Szlachetko, Jakub; Dufrasne, Francois; Berger, Gilles	Resonant X-ray emission spectroscopy of platinum(II) anticancer complexes	2016, 141,(4), 1226-1232	10.1039/c5an02490k	4,107	40
2	ANALYTICAL METHODS	Kaminska, Agnieszka; Kowalska, Aneta; Albrycht, Pawel; Witkowska, Evelin; Waluk, Jacek	ABO blood groups' antigen-antibody interactions studied using SERS spectroscopy: towards blood typing	2016, 8 (7), 1463-1472	10.1039/c5ay02658	1,821	25
3	APPLIED CATALYSIS B-ENVIRONMENTAL	Colmenares, Juan C. ; Ouyang, Weiyi; Ojeda, Manuel; Kuna, Ewelina; Chernyayeva, Olga; Lisovytshkiy, Dmytro ; De, Sudipta; Luque, Rafael; Balu, Alina M.	Mild ultrasound-assisted synthesis of TiO2 supported on magnetic nanocomposites for selective photo-oxidation of benzyl alcohol	216, 183, 107-112	10.1016/j.apc.atb.2015.10.034	7,435	45
4	APPLIED CATALYSIS B-ENVIRONMENTAL	Ilieva, L.; Petrova, P.; Pantaleo, G.; Zanello, R.; Liotta, L.F.; Georgiev, V.; Boghosian, S.; Kaszur, Z.; Sobczak, J.W.; Lisowski, W. ; Venezia, A.M.; Tabakova, T.	Gold catalysts supported on Y-modified ceria for CO-free hydrogen production via PROX	2016, 188, 154-168	10.1016/j.apc.atb.2016.02.004	7,435	45
5	APPLIED CATALYSIS B-ENVIRONMENTAL	Paszkievicz, Marta; Luczak, Justyna; Lisowski, Wojciech ; Patyk, Paulina; Zaleska-Medynska, Adriana	The ILs-assisted solvothermal synthesis of TiO2 spheres: The effect of ionic liquids on morphology and photoactivity of TiO2	2016, 184, 223-237	10.1016/j.apc.atb.2015.11.019	7,435	45
6	APPLIED CATALYSIS B-ENVIRONMENTAL	Srebowata, Anna ; Tarach, Karolina; Girman, Vladimir; Gora-Marek, Kinga	Catalytic removal of trichloroethylene from water over palladium loaded microporous and hierarchical zeolites	2016, 181, 550-560	10.1016/j.apc.atb.2015.08.025	7,435	45
7	BIOSENSORS & BIOELECTRONICS	Dabrowski, Marcin; Sharma, Piyush Sindhu; Iskierko, Zofia; Noworyta, Krzysztof; Cieplak, Maciej; Lisowski, Wojciech ; Oborska, Sylwia; Kuhn, Alexander; Kutner, Wlodzimierz	Early diagnosis of fungal infections using piezomicrogravimetric and electric chemosensors based on polymers molecularly imprinted with D-arabitol	2016, 79, 627-635	10.1016/j.bios.2015.12.088	6,409	40

8	BIOSENSORS & BIOELECTRONICS	Sharma, Piyush Sindhu; Wojnarowicz, Agnieszka; Sosnowska, Marta; Benincori, Tiziana; Noworyta, Krzysztof; D'Souza, Francis; Kutner, Włodzimierz	Potentiometric chemosensor for neopterin, a cancer biomarker, using an electrochemically synthesized molecularly imprinted polymer as the recognition unit	2016, 77, 565-572	10.1016/j.bios.2015.10.013	6,409	40
9	BIOTECHNOLOGY ADVANCES	Iskierko, Zofia; Sharma, Piyush Sindhu; Bartold, Katarzyna; Pietrzyk-Le, Agnieszka; Noworyta, Krzysztof; Kutner, Włodzimierz	Molecularly imprinted polymers for separating and sensing of macromolecular compounds and microorganisms	2016, 34 (1), 30-46	10.1016/j.biotechadv.2015.12.002	9,015	45
10	CHEMCATCHEM	Magdziarz, Agnieszka; Colmenares, Juan C.; Chernyayeva, Olga; Kurzydłowski, Krzysztof; Grzonka, Justyna	Iron-Containing Titania Photocatalyst Prepared by the Sonophotodeposition Method for the Oxidation of Benzyl Alcohol	2016, 8, (3), 536-539	10.1002/cctc.201501250	4,556	35
11	CHEMISTRY OF MATERIALS	Tumanov, Nikolay A.; Roedern, Elsa; Lodziana, Zbigniew; Nielsen, Dorrit B.; Jensen, Torben R.; Talyzin, Alexandr V.; Cerny, Radovan; Chernyshov, Dmitry; Dmitriev, Vladimir; Palasyuk, Taras; Filinchuk, Yaroslav	High-Pressure Study of Mn(BH ₄) ₂ Reveals a Stable Polymorph with High Hydrogen Density	2016, 28, 274-283	10.1021/acs.cchemmater.5b04102	8,354	45
12	CHEMISTRY-A EUROPEAN JOURNAL	Janczak, Jan; Prochowicz, Daniel; Lewinski, Janusz; Fairen-Jimenez, David; Bereta, Tomasz; Lisowski, Jerzy	Trinuclear Cage-Like Zn-II Macrocyclic Complexes: Enantiomeric Recognition and Gas Adsorption Properties	2016, 22 (2), 598-609	10.1002/chem.201503479	5,731	40
13	CHEMISTRY-A EUROPEAN JOURNAL	Szymanski, Marek; Wierzbicki, Michal; Gilski, Mirosław; Jedrzejewska, Hanna; Sztylko, Marcin; Cmoch, Piotr; Shkurenko, Aleksander; Jaskolski, Mariusz; Szumna, Agnieszka	Mechanochemical Encapsulation of Fullerenes in Peptidic Containers Prepared by Dynamic Chiral Self-Sorting and Self-Assembly	2016, 22 (9), 3148-3155	10.1002/chem.201504451	5,731	40
14	COORDINATION CHEMISTRY REVIEWS	Prochowicz, Daniel; Kornowicz, Arkadiusz; Justyniak, Iwona; Lewinski, Janusz	Metal complexes based on native cyclodextrins: Synthesis and structural diversity	2016, 306, 331-345	10.1016/j.ccr.2015.07.016	12,239	50
15	ELECTROANALYSIS	Szot, Katarzyna; Opallo, Marcin	(Bio)electroanalytical Applications of Carbon Nanoparticles	2016, 28 (1), 46-57	10.1002/elan.201500478	2,138	25

16	GREEN CHEMISTRY	Li, Shao-Hai; Liu, Siqi; Colmenares, Juan Carlos ; Xu, Yi-Jun	A sustainable approach for lignin valorization by heterogeneous photocatalysis	2016, 18 (3), 594-607	10.1039/c5gc02109j	8,02	40
17	JOURNAL OF APPLIED POLYMER SCIENCE	Nowak, Karolina M.; Szterk, Arkadiusz; Szyborski, Tomasz ; Rudnicka, Karolina; Fiedor, Piotr; Bodek, Kazimiera H.	In vitro evaluation of polymeric formulations designed for use in alveolar osteitis	2016, 133 (8), 42991	10.1002/app.42991	1,768	25
18	JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA	Jablonski, A.	Analytical theory of elastic electron backscattering from elements, alloys and compounds: Comparison with experimental data	2016, 206, 24-46	10.1016/j.elsp.2015.10.006	1,436	25
19	JOURNAL OF LUMINESCENCE	Pietraszkiewicz, Marek; Pietraszkiewicz, Oksana; Karpiuk, Jerzy; Majka, Alina ; Dutkiewicz, Grzegorz; Borowiak, Teresa; Kaczmarek, Anna M.; Van Deun, Rik	Highly photoluminescent europium tetraphenylimidodiphosphinate ternary complexes with heteroaromatic co-ligands. Solution and solid state studies	2016, 170, 411-419	10.1016/j.jlum.2015.10.033	2,719	35
20	JOURNAL OF MATERIALS CHEMISTRY B	Wojnarowicz, Agnieszka; Sharma, Piyush Sindhu; Sosnowska, Marta; Lisowski, Wojciech; Huynh, Tan-Phat; Pszonia, Maria; Borowicz, Pawel ; D'Souza, Francis; Kutner, Włodzimierz	An electropolymerized molecularly imprinted polymer for selective carnosine sensing with impedimetric capacity	2016, 4 (6), 1156-1165	10.1039/c5tb02260f	4,726	35
21	JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL	Lisowski, Pawel; Colmenares, Juan C.; Lomot, Dariusz; Chernyayeva, Olga; Lisovytskiy, Dmytro	Preparation by sonophotodeposition method of bimetallic photocatalysts Pd-Cu/TiO ₂ for sustainable gaseous selective oxidation of methanol to methyl formate	2016, 411, 247-256	10.1016/j.molcata.2015.10.031	3,615	30
22	JOURNAL OF MOLECULAR STRUCTURE	Ceborska, Magdalena ; Zimnicka, Magdalena; Wszelaka-Rylik, Małgorzata	Characterization of folic acid/native cyclodextrins host-guest complexes in solution	2016, 114-118	10.1016/j.molstruc.2015.12.082	1,602	20
23	JOURNAL OF PHYSICAL CHEMISTRY A	Demissie, Taye B.; Dodziuk, Helena; Waluk, Jacek ; Ruud, Kenneth; Pietrzak, Mariusz; Vetokhina, Volha ; Szymanski, Slawomir; Jaiwinski, Jaroslaw; Hopf, Henning	Structure, NMR and Electronic Spectra of [m.n]Paracyclophanes with Varying Bridges Lengths (m, n=2-4)	2016, 120 (5), 724-736	10.1021/acs.jpca.5b12168	2,693	30

24	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	Ciacka, Piotr; Fita, Piotr; Listkowski, Arkadiusz; Radzewicz, Czeslaw; Waluk, Jacek	Evidence for Dominant Role of Tunneling in Condensed Phases and at High Temperatures: Double Hydrogen Transfer in Porphycenes	2016, 7 (2), 283-288	10.1021/acs.jpcllett.5b02482	7,458	45
25	JOURNAL OF SUPERCRITICAL FLUIDS	Parzuchowski, Pawel G.; Gregorowicz, Jacek; Wawrzynska, Edyta P.; Wiacek, Dominik; Rokicki, Gabriel	The phase behavior in supercritical carbon dioxide of hyperbranched copolymers with architectural variations	2016, 107, 657-668	10.1016/j.supflu.2015.07.028	2,371	35
26	LAB ON A CHIP	Guzowski, Jan; Gizynski, Konrad; Gorecki, Jerzy; Garstecki, Piotr	Microfluidic platform for reproducible self-assembly of chemically communicating droplet networks with predesigned number and type of the communicating compartments	2016, 16 (4)764-772	10.1039/c5lc01526j	6,115	40
27	MACROMOLECULAR CHEMISTRY AND PHYSICS	Andryszewski, Tomasz; Czerwiński, Wojciech; Fiałkowski Marcin	Tailoring Optical Properties of π -Conjugated Statistical Co-Oligomers Composed of 3-Pentylthiophene and 3-[(E)-2-(1-Naphthyl)-vinyl]thiophene through the Monomer Ratio in the Main Chain	2016, 217, 562-569	10.1002/macp.201500347	2,216	30
28	NANO LETTERS	Boeckmann, H.; Liu, S.; Mielke, J.; Gawinkowski, S.; Waluk, J.; Grill, L.; Wolf, M.; Kumagai, T.	Direct Observation of Photoinduced Tautomerization in Single Molecules at a Metal Surface	2016, 16 (2), 1034-1041	10.1021/acs.nanolett.5b04092	13,592	45
29	NANOSCALE	Gawinkowski, Sylwester; Pszona, Maria; Gorski, Alexandr; Niedziolka-Jönsson, Joanna; Kaminska, Izabela; Nogala, Wojciech; Waluk, Jacek	Single molecule Raman spectra of porphycene isotopologues	2016, 8 (6), 3337-3349	10.1039/c5nr08627b	7,394	40
30	NANOSCALE	Kannan, Palanisamy; Maiyalagan, Thandavarayan; Marsili, Enrico; Ghosh, Srabanti; Niedziółka-Jönsson, Joanna; Jönsson-Niedziółka, Martin	Hierarchical 3-dimensional nickel-iron nanosheet arrays on carbon fiber paper as a novel electrode for non-enzymatic glucose sensing	2016, 8 (2), 843-855	10.1039/c5nr06802a	7,394	40
31	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Górecki, J.; Nowakowski, B.; Górecka, J. N.; Lemarchand, A.	Minimum size for a nanoscale temperature discriminator based on a thermochemical system	2016, 18 (6), 4952-4960	10.1039/c5cp07347b	4,493	35

32	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Kurzydłowski, Dominik; Zaleski-Ejgierd, Patryk	High-pressure stabilization of argon fluorides	2016, 18 (4), 2309-2313	10.1039/c5cp05725f	4,493	35
33	PHYSICAL REVIEW B	Dabrowski, M.; Cinal, M. ; Przybylski, M.; Chen, G.; N'Diaye, A. T.; Schmid, A. K.; Kirschner, J.	Canted stripe phase evolution due to a spin reorientation transition in Fe films grown on Ag(001) vicinal surface	2016, 93, 064414	10.1103/PhysRevB.93.064414	3,736	35
34	PHYSICAL REVIEW B	Kuzovnikov, M. A.; Tkacz, M.	Synthesis of ruthenium hydride	2016, 93 (6), 64103	10.1103/PhysRevB.93.0644103	3,736	35
35	RSC ADVANCES	Gugula, K.; Stegemann, L.; Cywinski, P. J. ; Strassert, C. A.; Bredol, M.	Facile surface engineering of CuInS ₂ /ZnS quantum dots for LED down-converters	2016, 6, (12), 10086-10093	10.1039/c5ra26331j	3,84	35
36	SCIENTIFIC REPORTS	Hou, Sen; Trochimeczyk, Piotr; Sun, Lili; Wisniewska, Agnieszka; Kalwarczyk, Tomasz; Zhang, Xuzhu; Wielgus-Kutrowska, Beata; Bzowska, Agnieszka; Holyst, Robert	How can macromolecular crowding inhibit biological reactions? The enhanced formation of DNA nanoparticles	2016, 6, 22033	10.1038/srep22033	5,578	40
37	SCIENTIFIC REPORTS	Zaleski-Ejgierd, Patryk; Lata, Pawel M.	Krypton oxides under pressure	6	10.1038/srep18938	5,578	40
38	SENSORS AND ACTUATORS B-CHEMICAL	Jankowski, P.; Garstecki, P.	Stable hydrophilic surface of polycarbonate	2016, 226, 151-155	10.1016/j.snb.2015.11.100	4,097	40
39	SENSORS AND ACTUATORS B-CHEMICAL	Richter, Lukasz; Matula, Kinga; Lesniewski, Adam; Kwasnicka, Katarzyna; Los, Joanna; Los, Marcin; Paczesny, Jan; Holyst, Robert	Ordering of bacteriophages in the electric field: Application for bacteria detection	2016, 224, 233-240	10.1016/j.snb.2015.09.042	4,097	40

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ACS APPLIED MATERIALS & INTERFACES	Iskierko, Zofia and Sharma, Piyush Sindhu and Prochowicz, Daniel and Fronc, Krzysztof and D'Souza, Francis and Toczydłowska, Diana and Stefaniak, Filip and Noworyta, Krzysztof,	Molecularly Imprinted Polymer (MIP) Film with Improved Surface Area Developed by Using Metal-Organic Framework (MOF) for Sensitive Lipocalin (NGAL) Determination,	2016, 8 (31), 19861-19866	10.1021/acsami.6b05515	7.145	40
ANALYST	Ogonczyk, D. and Gocyla, M. and Opallo, M.,	Employment of electrostatic interactions for amperometric detection of carbon nanoparticles in a FIA system,	2016, 141 (14), 4319-4325	10.1039/c6an00752j	4.033	40
APPLIED CATALYSIS A-GENERAL	Cortes-Reyes, M. and Herrera, M. C. and Pieta, I. S. and Larrubia, M. A. and Alemany, L. J.,	In situ TG-MS study of NO _x and soot removal over LNT model catalysts,	2016, 523, 193-199	10.1016/j.apcata.2016.06.004	4.012	40
APPLIED CATALYSIS B-ENVIRONMENTAL	Srebowata, A. and Baran, R. and Slowik, G. and Lisovyt'skiy, D. and Dzwigaj, S.,	Influence of the postsynthesis preparation procedure on catalytic behaviour of Ag-loaded BEA zeolites in the hydrodechlorination of 1,2-dichloroethane into value added products,	2016, 199, 514-522	10.1016/j.apcatb.2016.06.060	8.328	45
APPLIED CATALYSIS B-ENVIRONMENTAL	Golabiewska, Anna and Malankowska, Anna and Jarek, Marcin and Lisowski, Wojciech and Nowaczyk, Grzegorz and Jurga, Stefan and Zaleska-Medynska, Adriana,	The effect of gold shape and size on the properties and visible light-induced photoactivity of Au-TiO ₂ ,	2016, 196, 27-40	10.1016/j.apcatb.2016.05.013	8.328	45
APPLIED CATALYSIS B-ENVIRONMENTAL	Mazierski, Pawel and Nischk, Michal and Golkowska, Marta and Lisowski, Wojciech and Gazda, Maria and Winiarski, Michal Jerzy and Klimczuk, Tomasz and Zaleska-Medynska, Adriana,	Photocatalytic activity of nitrogen doped TiO ₂ nanotubes prepared by anodic oxidation: The effect of applied voltage, anodization time and amount of nitrogen dopant,	2016, 196, 77-88	10.1016/j.apcatb.2016.05.006	8.328	45

Catalysts	Ilieva, Lyuba and Petrova, Petya and Liotta, Leonarda F. and Sobczak, Janusz W. and Lisowski, Wojciech and Kaszkur, Zbigniew and Munteanu, Gabriel and Tabakova, Tatyana,	Gold Catalysts on Y-Doped Ceria Supports for Complete Benzene Oxidation,	2016, 6 (7), Art.. No. 99	10.3390/catal6070099	2.964	25
CHEMISTRY-A EUROPEAN JOURNAL	Kotwica, Kamil and Kostyuchenko, Anastasia S. and Data, Przemyslaw and Marszalek, Tomasz and Skorka, Lukasz and Jaroch, Tomasz and Kacka, Sylwia and Zagorska, Malgorzata and Nowakowski, Robert and Monkman, Andrew P. and Fisyuk, Alexander S. and Pisula, Wojciech and Pron, Adam,	Star-Shaped Conjugated Molecules with Oxa- or Thiadiazole Bithiophene Side Arms,	2016, 22 (33), 11795-11806	10.1002/chem.201600984	5.771	40
CHEMISTRY-A EUROPEAN JOURNAL	Sannicolo, Francesco and Mussini, Patrizia R. and Benincori, Tiziana and Martinazzo, Rocco and Arnaboldi, Serena and Appoloni, Giulio and Panigati, Monica and Procopio, Elsa Quartapelle and Marino, Valentina and Cirilli, Roberto and Casolo, Simone and Kutner, Wlodzimierz and Noworyta, Krzysztof and Pietrzyk-Le, Agnieszka and Iskierko, Zofia and Bartold, Katarzyna,	Inherently Chiral Spider-Like Oligothiophenes,	2016, 22 (31), 10839-10847	10.1002/chem.201504899	5.771	40
CHEMISTRY-A EUROPEAN JOURNAL	Kotwica, Kamil and Bujak, Piotr and Data, Przemyslaw and Krzywiec, Wojciech and Wamil, Damian and Gunka, Piotr A. and Skorka, Lukasz and Jaroch, Tomasz and Nowakowski, Robert and Pron, Adam and Monkman, Andrew,	Soluble Flavanthrone Derivatives: Synthesis, Characterization, and Application to Organic Light-Emitting Diodes,	2016, 22 (23), 7978-7986	10.1002/chem.201600513	5.771	40

CHEMISTRY-A EUROPEAN JOURNAL	Krupinski, Piotr and Kornowicz, Arkadiusz and Sokolowski, Kamil and Cieslak, Anna M. and Lewinski, Janusz ,	Applying Mechanochemistry for Bottom-Up Synthesis and Host-Guest Surface Modification of Semiconducting Nanocrystals: A Case of Water-Soluble beta-Cyclodextrin-Coated Zinc Oxide,	2016, 22 (23), 7817-7823	10.1002/chem.201600182	5.771	40
CHEMISTRY OF MATERIALS	Andryszewski, Tomasz and Iwan, Michalina and Holdynski, Marcin and Fialkowski, Marcin ,	Synthesis of a Free-Standing Monolayer of Covalently Bonded Gold Nanoparticles,	2016, 28 (15), 5304-5313	10.1021/acs.chemmater.6b00922	9.407	45
CRYSTENGCOMM	Afkhami, Farhad Akbari and Khandar, Ali Akbar and Mahmoudi, Ghodrat and Maniukiewicz, Waldemar and Lipkowski, Janusz and White, Jonathan M. and Waterman, Rory and Garcia-Granda, Santiago and Zangrando, Ennio and Bauza, Antonio and Frontera, Antonio,	Synthesis, X-ray characterization, DFT calculations and Hirshfeld surface analysis of Zn(II) and Cd(II) complexes based on isonicotinoylhydrazone ligand,	2016, 18 (24), 4587-4596	10.1039/c6ce00877a	3.849	35
CRYSTENGCOMM	Danylyuk, Oksana and Butkiewicz, Helena and Sashuk, Volodymyr ,	Host-guest complexes of cucurbit[6]uril with the trypanocide drug diminazene and its degradation product 4-aminobenzamide,	2016, 18 (26), 4905-4908	10.1039/c6ce00257a	3.849	35
DALTON TRANSACTIONS	Wrobel, Zbigniew and Justyniak, Iwona and Dranka, Izabela and Lewinski, Janusz ,	Structural diversity of alkylzinc complexes with pyrrole-based N, O-ligands: from molecular complexes to coordination polymers,	2016, 45, 7240-7243	10.1039/c6dt00674d	4.177	40
ENERGY TECHNOLOGY	Colmenares, Juan Carlos and Colmenares Quintero, Ramon Fernando and Pieta, Izabela S. ,	Catalytic Dry Reforming for Biomass-Based Fuels Processing: Progress and Future Perspectives,	2016, 4 (8), 881-890	10.1002/ente.201600195	2.557	30
GEOPHYSICAL RESEARCH LETTERS	Osselin, F. and Kondratiuk, P. and Budek, A. and Cybulski, O. and Garstecki, P. and Szymczak, P.,	Microfluidic observation of the onset of reactive-infiltration instability in an analog fracture,	2016, 43 (13), 6907-6915	10.1002/2016GL069261	4.212	40

INORGANIC CHEMISTRY	Gabka, Grzegorz and Bujak, Piotr and Ostrowski, Andrzej and Tomaszewski, Waldemar and Lisowski, Wojciech and Sobczak, Janusz W. and Pron, Adam,	Cu-Fe-S Nanocrystals Exhibiting Tunable Localized Surface Plasmon Resonance in the Visible to NIR Spectral Ranges,	2016, 55 (13), 6660-6669	10.1021/acs.inorgchem.6b00912	2.894	35
JOURNAL OF CHEMICAL PHYSICS	Pousaneh, Faezeh and Edholm, Olle and Maciolek, Anna,	Molecular dynamics simulation of a binary mixture near the lower critical point,	2016, 145 (1), Art.. No. 014501	10.1063/1.4954768	2.894	35
JOURNAL OF MICROSCOPY	Andrzejczuk, M. and Roguska, A. and Michalska, M. and Lipinska, L. and Czerwinski, A. and Cantoni, M. and Krawczynska, A. T. and Lewandowska, M.,	STEM study of Li4Ti5O12 anode material modified with Ag nanoparticles,	2016, 264 (1), 41-47	10.1111/jmi.12414	2.136	30
JOURNAL OF NANOPARTICLE RESEARCH	Sashuk, Volodymyr and Rogaczewski, Konrad,	A halogen-free synthesis of gold nanoparticles using gold(III) oxide,	2016, 18 (9), Art.no. 261	10.1007/s11051-016-3576-x	2.101	30
JOURNAL OF ORGANIC CHEMISTRY	Masnyk, Marek and Butkiewicz, Aleksandra and Gorecki, Marcin and Luboradzki, Roman and Bannwarth, Christoph and Stefan and Frelek, Jadwiga, Grimme,	Synthesis and Comprehensive Structural and Chiroptical Characterization of Enones Derived from (-)-alpha-Santonin by Experiment and Theory,	2016, 81 (11), 4588-4600	10.1021/acs.joc.6b00416	4.785	35
JOURNAL OF ORGANOMETALLIC CHEMISTRY	Jaskowska, Eliza and Basiak, Dariusz and Dobrzycki, Lukasz and Rzepinski, Patryk and Socha, Pawel and Cadar, Calin and Justyniak, Iwona and Wojciechowski, Tomasz and Ziemkowska, Wanda,	Reactions of trialkyl aluminum and trialkyl gallium with the N-tert-butyl amide of succinic acid: Molecular and supramolecular structures of the products,	2016, 819,228-236	10.1016/j.jorganchem.2016.07.012	2.336	30
JOURNAL OF PHYSICAL CHEMISTRY A	Custer, Thomas and Szczepaniak, Urszula and Gronowski, Marcin and Fabisiewicz, Emilia and Couturier-Tamburelli, Isabelle and Kolos, Robert,	Density Functional Exploration of C4H3N Isomers,	2016, 120 (29), 5928-5938	10.1021/acs.jpca.6b03922	2.883	30

JOURNAL OF PHYSICAL CHEMISTRY B	Nakata, Satoshi and Yamamoto, Hiroya and Koyano, Yuki and Yamanaka, Osamu and Sumino, Yutaka and Suematsu, Nobuhiko J. and Kitahata, Hiroyuki and Skrobanska, Paulina and Gorecki, Jerzy,	Selection of the Rotation Direction for a Camphor Disk Resulting from Chiral Asymmetry of a Water Chamber,	2016, 120 (34), 9166-9172	10.1021/acs.jpcc.6b05427	3.187	30
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER	Lamarre, N. and Gans, B. and Vieira Mendes, L. A. and Gronowski, M. and Guillemin, J.-C. and De Oliveira, N. and Douin, S. and Chevalier, M. and Crepin, C. and Kolos, R. and Boye-Peronne, S.,	Excited electronic structure of methylcyanoacetylene probed by VUV Fourier-transform absorption spectroscopy,	2016, 182, 286-295	10.1016/j.jqsrt.2016.06.020	2.859	35
JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY	Wincel, Henryk,	Microhydration of Deprotonated Nucleobases,	2016, 27 (8), 1383-1392	10.1007/s13361-016-1411-3	3.031	30
JOURNAL OF THERMOPHYSICS AND HEAT TRANSFER	Di Nicola, G. and Pierantozzi, M. and Petrucci, G. and Stryjek, R.,	Equation for the Thermal Conductivity of Liquids and an Artificial Neural Network,	2016, 30 (3), 651-660	10.2514/1.T4863	1.035	25
LAB ON A CHIP	Cybulski, Olgierd and Jakiela, Slawomir and Garstecki, Piotr,	Whole Teflon valves for handling droplets,	2016, 16 (12), 2198-2210	10.1039/c6lc00375c	5.586	40
LAB ON A CHIP	Kaminski, Tomasz S. and Scheler, Ott and Garstecki, Piotr,	Droplet microfluidics for microbiology: techniques, applications and challenges,	2016, 16 (12), 2168-2187	10.1039/c6lc00367b	5.586	40
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ANALYTICAL METHODS	Kaminska, Agnieszka ; Witkowska, Evelin ; Kowalska, Aneta ; Skoczynska, Anna ; Ronkiewicz, Patrycja ; Szyborski, Tomasz ; Waluk, Jacek	Rapid detection and identification of bacterial meningitis pathogens in ex vivo clinical samples by SERS method and principal component analysis	2016, 8 (22) 4521- 4529	10.1039/c6ay01018k	1,915	25
APPLIED CATALYSIS A- GENERAL	Zybert, Magdalena; Tarka, Aleksandra; Mierzwa, Bogustaw ; Kepinski, Leszek; Rarog-Pilecka, Wioletta	Promotion effect of lanthanum on the Co/La/Ba ammonia synthesis catalysts-the influence of lanthanum content	2016, 515, 16-24	10.1016/j.apcata.2016.01.036	4,012	40
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CHEMICAL COMMUNICATIONS	Grala, Agnieszka ; Wolska-Pietkiewicz, Malgorzata; Danowski, Wojciech; Wrobel, Zbigniew ; Grzonka, Justyna ; Lewinski, Janusz	'Clickable' ZnO nanocrystals: the superiority of a novel organometallic approach over the inorganic sol-gel procedure	2016, 52 (46), 7340-7343	10.1039/c6cc01430e	6,567	40
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COLLOIDS AND SURFACES B- BIOINTERFACES	Mesarec, Luka; Goźdz, Wojciech; Iglíc, Veronika Kralj; Kralj, Samo; Iglíc, Ales	Closed membrane shapes with attached BAR domains subject to external force of actin filaments	2016, 141, 132-140	10.1016/j.colsurfb.2016.01.010	3,902	35
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ELECTROCHIMICA ACTA	Bartosik, Lukasz; Stafiej, Janusz; Di Caprio, Dung	3D simulations of ordered nanopore growth in alumina	2016, 188, 218-221	10.1016/j.electacta.2015.08.164	4,803	40
INORGANIC CHEMISTRY	Komorski, Szymon; Leszczynski, Michal K.; Justyniak, Iwona; Lewinski, Janusz	Synthesis and Structure of Alkylzinc 3,5-Diphenylpyrazolates: Dramatic Influence of Steric and Solvent Effects	2016, 55 (11), 5104-5106	10.1021/acs.inorgchem.6b00745	4,82	45
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JOURNAL OF SPECTROSCOPY	Borowicz, Pawel	Depth-Sensitive Raman Investigation of Metal-Oxide-Semiconductor Structures: Absorption as a Tool for Variation of Exciting Light Penetration Depth	2016, art. No. 1617063	10.1155/2016/1617063	0,814	15
LAB ON A CHIP	Derzsi, Ladislav ; Kaminski, Tomasz S. ; Garstecki, Piotr	Antibiograms in five pipetting steps: precise dilution assays in sub-microliter volumes with a conventional pipette	2016, 16 (5), 893-901	10.1039/c5lc01151e	5,586	40
LAB ON A CHIP	Dutka, Filip ; Opalski, Adam S. ; Garstecki, Piotr	Nano-liter droplet libraries from a pipette: step emulsificator that stabilizes droplet volume against variation in flow rate	2016, 16 (11), 2044-2049	10.1039/c6lc00265j	5,586	40

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PLOS ONE	Sun, Lili ; Tabaka, Marcin ; Hou, Sen ; Li, Lin; Burdzy, Krzysztof; Aksimentiev, Aleksei; Maffeo, Christopher; Zhang, Xuzhu ; Holyst, Robert	The Hinge Region Strengthens the Nonspecific Interaction between Lac-Repressor and DNA: A Computer Simulation Study	2016, 11 (3),	10.1371/journal.pone.0152002	3,057	40

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SOFT MATTER	Matula, Kinga; Richter, Lukasz; Adamkiewicz, Witold; Akerstrom, Bo; Paczesny, Jan; Holyst, Robert	Influence of nanomechanical stress induced by ZnO nanoparticles of different shapes on the viability of cells	2016, 12 (18), 4162-4169	10.1039/c6sm00336b	3,798	40
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Tytuł czasopisma	Autorzy	Tytuł publikacji	Rok/tom/strony	DOI	IF	Punkty MNISW
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ADVANCED OPTICAL MATERIALS	Pavliuk, Mariia V. and Fernandes, Daniel L. A. and El-Zohry, Ahmed M. and Abdellah, Mohamed and Nedelcu, Georgian and Kovalenko, Maksym V. and Sá, Jacinto	Magnetic Manipulation of Spontaneous Emission from Inorganic CsPbBr ₃ Perovskites Nanocrystals	2016, 4, 2004-2008	10.1002/adom.201600611	5,359	40
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ANALYTICAL METHODS	Witkowska, Evelin; Jagielski, Tomasz; Kamińska, Agnieszka; Kowalska, Aneta; Hrynczewicz-Gwóźdź, Anita; Waluk, Jacek	Detection and identification of human fungal pathogens using surface-enhanced Raman spectroscopy and principal component analysis	2016, 8, 8427	10.1039/C6AY02957D	1,915	25
APPLIED CATALYSIS A-GENERAL	Garlisi, Corrado; Scandura, Gabriele; Szlachetko, Jakub; Ahmadi, Sareh; Sa, Jacinto ; Palmisano, Giovanni	E-beam evaporated TiO ₂ and Cu-TiO ₂ on glass: Performance in the discoloration of methylene blue and 2-propanol oxidation	2016, 526, 191-199	10.1016/j.apcata.2016.08.022	4,012	40

APPLIED SURFACE SCIENCE	Krawczyk, Mirosław; Pisarek, Marcin; Lisowski, Wojciech; Jablonski, Aleksander	Surface studies of praseodymium by electron spectroscopies	2016, 388, 691-695		3,15	35
				10.1016/j.apsusc.2016.01.150		
APPLIED SURFACE SCIENCE	Lesiak, B.; Mazurkiewicz, M.; Malolepszy, A.; Stobinski, L.; Mierzwa, B.; Mikolajczuk-Zychora, A.; Juchniewicz, K.; Borodzinski, A.; Zemek, J.; Jiricek, P.	Effect of the Pd/MWCNTs anode catalysts preparation methods on their morphology and activity in a direct formic acid fuel cell	2016, 387, 929-937	10.1016/j.apsusc.2016.06.152	3,15	35
APPLIED SURFACE SCIENCE	Mech, K.; Wrobel, M.; Wojnicki, M.; Mech-Piskorz, J.; Zabinski, P.; Kowalik, R		2016, 388, 809-816		3,15	35
		Electrodeposition of NiPd alloy from aqueous chloride electrolytes		10.1016/j.apsusc.2016.03.186		
APPLIED SURFACE SCIENCE	Mikolajczuk-Zychora, A.; Borodzinski, A.; Kedzierzawski, P.; Mierzwa, B.; Mazurkiewicz-Pawlicka, M.; Stobinski, L.; Ciecierska, E.; Zimoch, A.; Opallo, M.	Highly active carbon supported Pd cathode catalysts for direct formic acid fuel cells	2016, 388, 645-652	10.1016/j.apsusc.2016.02.065	3,15	35
APPLIED SURFACE SCIENCE	Pisarek, M.; Holdynski, M.; Krawczyk, M.; Nowakowski, R.; Roguska, A.; Malolepszy, A.; Stobinski, L.; Jablonski, A.	Surface characterization of graphene based materials	2016, 388, 696-703	10.1016/j.apsusc.2016.02.169	3,15	35
APPLIED SURFACE SCIENCE	Roguska, A.; Pisarek, M.; Belcarz, A.; Marcon, L.; Holdynski, M.; Andrzejczuk, M.; Janik-Czachor, M.	Improvement of the bio-functional properties of TiO ₂ nanotubes	2016, 388, 775-785	10.1016/j.apsusc.2016.03.128	3,15	35
APPLIED SURFACE SCIENCE	Wierzbička, Ewa; Syrek, Karolina; Sulka, Grzegorz D.; Pisarek, Marcin; Janik-Czachor, Maria	The effect of foil purity on morphology of anodized nanoporous ZrO ₂	2016, 388, 799-804	10.1016/j.apsusc.2016.02.178	3,15	35

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BIOMOLECULAR DETECTION AND QUANTIFICATION	Dębski, Paweł R.; Garstecki Piotr	Designing and interpretation of digital assays: Concentration of target in the sample and in the source of sample	2016, 10, 24-30	10.1016/j.bdq.2016.04.002	0	0
CHEMCATCHEM	Bonarowska, Magdalena; Kaszur, Zbigniew; Słowik, Grzegorz; Ryczkowski, Janusz; Karpiński, Zbigniew	Tetrachloromethane as an Effective Agent to Transform Nanoparticles of Palladium and Gold in Supported Catalysts	2016, 8 (16), 2625-2629	10.1002/cctc.201600605	4,724	35
CHEMELECTROCHEM	Celebanska, Anna; Opallo, Marcin	Layer-by-Layer Gold-Ceramic Nanoparticulate Electrodes for Electrocatalysis	2016, 3 (10), 1629-1634	10.1002/celc.201600288	3,506	0
CHEMELECTROCHEM	Hidalgo-Acosta, Jonnathan C.; Scanlon, Micheal D.; Mendez, Manuel A.; Peljo, Pekka; Opallo, Marcin; Girault, Hubert H.	Enhanced Reactivity of Water Clusters towards Oxidation in Water/Acetonitrile Mixtures	2016, 3, 2003-2007	10.1002/celc.201600190	3,506	0
CHEMELECTROCHEM	Jedraszko, Justyna; Krysiak, Olga; Adamiak, Wojciech; Nogala, Wojciech; Girault, Hubert H.; Opallo, Marcin	H ₂ O ₂ Generation at a Carbon-Paste Electrode with Decamethylferrocene in 2-Nitrophenyloctyl Ether as a Binder: Catalytic Effect of MoS ₂ Particles	2016, 3 (9), 1400-1406	10.1002/celc.201600242	3,506	0
CHEMICAL AND MATERIALS ENGINEERING	Santomauro, Fabio G.; Ahmadi, Sareh; Rensmo, Håkan; Fernandes, Daniel L. A.; Sá, Jacinto	Enhancement of UV Photocatalytic Activity in Greenly Modified Nano-TiO ₂	2016, 4, 1-7	10.13189/cme.2016.040101	0	0
CHEMICAL PHYSICS LETTERS	Wojtaszek, K.; Tyrala, K.; Czaplak-Masztafiak, J.; Sa, J.; Szlachetko, J.	Cr-doping effects on unoccupied d-band electronic structure of TiO ₂	2016, 664, 73-76	10.1016/j.cplett.2016.10.023	1,86	25

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CHEMISTRY-A EUROPEAN JOURNAL	Pietrzak, Tomasz and Kubisiak, Marcin and Justyniak, Iwona and Zelga, Karolina and Bojarski, Emil and Tratkiewicz, Ewa and Ochal, Zbigniew and Lewinski, Janusz	Oxygenation Chemistry of Magnesium Alkyls Incorporating beta-Diketiminato Ligands Revisited	2016, 22 (49), 17776-17783	10.1002/chem.201603931	5,771	40
CHEMPHYSICHEM	Szczepaniak, Urszula; Turowski, Michal; Custer, Thomas; Gronowski, Marcin; Kerisit, Nicolas; Trolez, Yann; Kolos, Robert	Infrared and Raman Spectroscopy of Methylcyanodiacetylene (CH ₃ C ₅ N)	2016, 17 (19), 3047-3054	10.1002/cphc.201600437	3,138	35
CHEMPHYSICHEM	Turowski, Michal; Szczepaniak, Urszula; Custer, Thomas; Gronowski, Marcin; Kolos, Robert	Electronic Spectroscopy of Methylcyanodiacetylene (CH ₃ C ₅ N)	2016, 17, 4068-4078	10.1002/cphc.201600949	3,138	35
CORROSION SCIENCE	Flis-Kabulska, I.; Flis, J	Electroactivity of Ni-Fe cathodes in alkaline water electrolysis and effect of corrosion	2016, 112, 255-263	10.1016/j.corsci.2016.07.017	5,154	45
CRYSTENGCOMM	Leśniewska, Barbara; Coleman, Anthony W.; Tauran, Yannick; Perret, Florent and Suwińska, Kinga	Pseudopolymorphs – a variety of self-organization of <i>para</i> -sulphonato-calix[8]arene and phenanthroline in the solid state	2016, 18, 8858-8870	10.1039/C6CE01753C	3,849	35
DALTON TRANSACTIONS	Małgorzata Wolska-Pietkiewicz, Adam Świerkosz, Iwona Justyniak, Agnieszka Grala, Kamil Sokolowski and Janusz Lewiński	Alkylzinc diorganophosphates: synthesis, structural diversity and unique ability to incorporate zincoxane units	2016, 45, 18813-18816	10.1039/c6dt03324e	4,177	40

ELECTROANALYSIS	Witkowska Nery, Emilia; Santhiago, Murilo; Kubota, Lauro	Flowina Paper-based BioactiveChannel –Study on Electrochemical Detection of Glucose and Uric Acid	2016, 28, 2245-2252	10.1002/elan.201600210	2,471	25
ELECTROCHEMISTRY COMMUNICATIONS	Kundys, Magdalena; Adamiak, Wojciech; Jonsson-Niedziolka, Martin	Rotating droplet as a new alternative for small volume electrochemical measurements	2016, 72, 46-49	10.1016/j.elecom.2016.08.025	4,569	40
ELECTROCHIMICA ACTA	Flis-Kabulska, I.; Sun, Y.; Zakroczymski, T.; Flis, J.	Plasma carburizing for improvement of Ni-Fe cathodes for alkaline water electrolysis	2016, 220, 11-19	10.1016/j.electacta.2016.10.084	4,803	40
FLUID PHASE EQUILIBRIA	Gregorowicz, J.; Luszczuk, M.; Brzozowska, A.; Bernatowicz, P.	Phase equilibria in binary systems formed by a hyperbranched aliphatic polyester and alcohols	2016, 428, 76-83	10.1016/j.fluid.2016.06.005	1,846	30
GREEN CHEMISTRY	Colmenares, Juan Carlos; Varma, Rajender S.; Lisowski, Pawel	Sustainable hybrid photocatalysts: titania immobilized on carbon materials derived from renewable and biodegradable resources	2016, 18, 5736-5750	10.1039/c5gc02109j	8,506	40
INTERDISCIPLINARY JOURNAL OF CHEMISTRY	Pavliuk, Mariia V.; Hattori, Yocefu; Sá, Jacinto	Conceptual design of a nanoleaf for artificial photosynthesis	2016, 1 (2), 47-51	10.15761/IJC.1000108	0	0
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	Gonzalez-Gil, Rafael; Herrera, Concepcion; Angeles Larrubia, Maria; Kowalik, Pawel; Pieta, Izabela S.; Alemany, Luis J.	Hydrogen production by steam reforming of DME over Ni-based catalysts modified with vanadium	2016, 41 (43), 19781- 19788	10.1016/j.ijhydene.2016.05.074	3,205	30
JOURNAL OF ALLOYS AND COMPOUNDS	Przedziecka, E.; Lisowski, W.; Jakiela, R.; Sobczak, J. W.; Jablonski, A.; Pietrzyk, M. A.; Kozanecki, A.	Arsenic chemical state in MBE grown epitaxial ZnO layers - doped with As, N and Sb	2016, 687, 937-942	10.1016/j.jallcom.2016.06.213	3,014	35
JOURNAL OF ELECTROANALYTICAL CHEMISTRY	Janczuk, Marta; Niedziolka- Joensson, Joanna; Szot- Karpinska, Katarzyna	Bacteriophages in electrochemistry: A review	2016, 779, 207-219	10.1016/j.jelechem.2016.05.019	2,822	30

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JOURNAL OF MATERIALS CHEMISTRY B	Sachot, N.; Castano, O.; Oliveira, H.; Marti-Munoz, J.; Roguska, A. ; Amedee, J.; Lewandowska, M.; Planell, J. A.; Engel, E.	A novel hybrid nanofibrous strategy to target progenitor cells for cost-effective in situ angiogenesis	2016, 4 (43), 6967-6978	10.1039/c6tb02162j	4,872	35
JOURNAL OF MODERN PHYSICS	Olszewski, Stanislaw	Conservation of Energy in Classical Mechanics and Its Lack from the Point of View of Quantum Theory	2016, 7, 2316-2328	10.4236/jmp.2016.716200	0	0
JOURNAL OF MODERN PHYSICS	Olszewski, Stanislaw	Emission Intensity in the Hydrogen Atom Calculated from a Non-Probabilistic Approach to the Electron Transitions	2016, 7, 827-851	10.4236/jmp.2016.78076	0	0
JOURNAL OF MODERN PHYSICS	Olszewski, Stanislaw	Joule-Lenz Energy of Quantum Electron Transitions Compared with the Electromagnetic Emission of Energy	2016, 7, 1440-1448	10.4236/jmp.2016.712131	0	0
JOURNAL OF MODERN PHYSICS	Olszewski, Stanislaw	Quantum and Classical Approach Applied to the Motion of a Celestial Body in the Solar System	2016, 7, 1901-1908	10.4236/jmp.2016.714168	0	0
JOURNAL OF MODERN PHYSICS	Olszewski, Stanislaw	Quantum Aspects of the Joule-Lenz Law	2016, 7, 162-174	10.4236/jmp.2016.71018	0	0
JOURNAL OF MODERN PHYSICS	Olszewski, Stanislaw	Semiclassical and Quantum-Mechanical Formalism Applied in Calculating the Emission Intensity of the Atomic Hydrogen	2016, 7, 1004-1020	10.4236/jmp.2016.79091	0	0
JOURNAL OF MODERN PHYSICS	Olszewski, Stanislaw	Size of the Electron Microparticle Calculated from the Oersted Law	2016, 7, 1297-1303	10.4236/jmp.2016.711114	0	0
JOURNAL OF MODERN PHYSICS	Olszewski, Stanislaw	Time of the Energy Emission in the Hydrogen Atom and Its Electrodynamical Background	2016, 7, 1725-1737	10.4236/jmp.2016.713155	0	0

JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL	Grabowska, E.; Marchelek, M.; Klimczuk, T.; Lisowski, W. ; Zaleska-Medynska, A.	Preparation, characterization and photocatalytic activity of TiO ₂ microspheres decorated by bimetallic nanoparticles	2016, 424, 241-253	10.1016/j.molcata.2016.09.004	3,958	30
JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL	Magdziarz, Agnieszka; Colmenares, Juan C.; Chernyayeva, Olga; Lomot, Dariusz; Sobczak, Kamil	Sonication and light irradiation as green energy sources simultaneously implemented in the synthesis of Pd-Fe- and Pt-Fe-doped TiO ₂ -based photocatalysts	2016, 425, 1-9	10.1016/j.molcata.2016.09.021	3,958	30
JOURNAL OF MOLECULAR STRUCTURE	Kolodziej, B.; Morawiak, M.; Kamienski, B.; Schilf, W.	The structure investigations of dehydroacetic acid and 1,8-diaminonaphthalene condensation product by NMR, MS, and X-ray measurements	2016, 1112, 81-86	10.1016/j.molstruc.2016.02.019	1,78	20
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY C-PHOTOCHEMISTRY REVIEWS	Stasyuk, Anton J.; Cywinski, Piotr J. ; Gryko, Daniel T.	Excited-state intramolecular proton transfer in 2'-(2'-hydroxyphenyl)imidazo[1,2-a]pyridines	2016, 28, 116-137	10.1016/j.jphotochemrev.2016.05.003	12,16 2	45
JOURNAL OF PHYSICAL AND CHEMICAL REFERENCE DATA	Oracz, Pawel; Goral, Marian; Wisniewska-Gocłowska, Barbara; Shaw, David G.; Maczynski, Andrzej	IUPAC-NIST Solubility Data Series. 101. Alcohols plus Hydrocarbons plus Water Part 3. C-1-C-3 Alcohols + Aromatic Hydrocarbons	2016, 45 (3), 033103	10.1063/1.4955012	3,29	35
JOURNAL OF PHYSICAL AND CHEMICAL REFERENCE DATA	Oracz, Pawel; Goral, Marian; Wisniewska-Gocłowska, Barbara; Shaw, David G.; Maczynski, Andrzej	IUPAC-NIST Solubility Data Series. 101. Alcohols plus Hydrocarbons plus Water. Part 2. C-1-C-3 Alcohols + Aliphatic Hydrocarbons	2016, 45 (3), 033102	10.1063/1.4954793	3,29	35
JOURNAL OF PHYSICAL CHEMISTRY A	Kijak, Michal; Peukert, Sebastian; Mengesha, Ephriem; Sepiol, Jerzy	Supersonic Jet Spectroscopy and Density Functional Theory Study of Isomeric Diazines: 1,4- and 1,8-Diazatriphenylene. Why Do They Differ So Deeply?	2016, 120, 7817-7827	10.1021/acs.jpca.6b06475	2,883	30
JOURNAL OF PHYSICAL CHEMISTRY B	Angulo, Gonzalo; Rosspeintner, Arnulf; Koch, Marius; Vauthey, Eric	Comment on "Observation of the Marcus Inverted Region for Bimolecular Photoinduced Electron-Transfer Reactions in Viscous Media"	2016, 120, 9800-9803	10.1021/acs.jpcc.6b06610	3,187	30

JOURNAL OF PHYSICAL CHEMISTRY C	Runowski, Marcin; Goderski, Szymon; Paczesny, Jan ; Księżopolska-Gocalska, Monika ; Ekner-Grzyb, Anna; Grzyb, Tomasz; Rybka, Jakub D.; Giersig, Michael; Lis, Stefan	Preparation of Biocompatible, Luminescent-Plasmonic Core/Shell Nanomaterials Based on Lanthanide and Gold Nanoparticles Exhibiting SERS Effects	2016, 120 (41), 23788–23798	10.1021/acs.jpcc.6b06644	4,509	35
JOURNAL OF PHYSICAL CHEMISTRY LETTERS	Kubas , Adam; Berger, Daniel; Oberhofer, Harald; Maganas, Dimitrios; Reuter, Karsten; Neese, Frank	Surface Adsorption Energetics Studied with "Gold Standard" Wave Function-Based Ab Initio Methods: Small-Molecule Binding to TiO ₂ (110)	2016, 7(20), 4207-4212	10.1021/acs.jpcllett.6b01845	8,539	45
JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	Nowakowski, P.; Maciolek, A. ; Dietrich, S.	Critical Casimir forces between defects in the 2D Ising model	2016, 49, 485001, 1-24	10.1088/1751-8113/49/48/485001	1,933	30
JOURNAL OF PHYSICS-CONDENSED MATTER	Ciach, A.; Gozdz, W. T.	Self-consistent theory for systems with mesoscopic fluctuations	2016, 28 (41), 410301-1-6	10.1088/0953-8984/28/41/414010	2,209	30
JOURNAL OF PHYSICS-CONDENSED MATTER	Ciach, Alina. ; Hall, Carol K.; Kahl, Gerhard; Lomba, Enrique	Fifty years of liquid state physics	2016, 28 (41), 414010-1-17	10.1088/0953-8984/28/41/410301	2,209	30
JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	Zhang, Yirui ; Barato, Andre C.	Critical behavior of entropy production and learning rate: Ising model with an oscillating field	2016, (11), 113207-1-15	10.1088/1742-5468/2016/11/113207	2,091	35
JOURNAL OF THE JAPAN SOCIETY OF POWDER AND METALLURGY	Kung, Hsuan-Ming; Chiou, Yuh-Jing; Lin, Hong-Ming; Borodzinski, Andrzej ; Stobinski, Leszek; Lin, Chung-Kwei	Anode Catalyst of Hybrid AuPd and Rare Earth Doped Cerium Oxide/Multi-Walled Carbon Nanotubes for Direct Formic Acid Fuel Cells	2016, 63 (7), 706-713	10.2497/jjspm.63.706	0	0
JOURNAL OF THEORETICAL BIOLOGY	Jedrak, Jakub; Ochab-Marcinek, Anna,	Influence of gene copy number on self-regulated gene expression	2016, 408, 222-236	10.1016/j.jtbi.2016.08.018	2,049	30
KARDIOCHIRURGIA I TORAKOCHIRURGIA POLSKA	Dodziuk, Helena	Applications of 3D printing in healthcare	2016, 13 (3), 283-293	10.5114/kitp.2016.62625	0	14

MOLECULES	Bonarowska, Magdalena and Wojciechowska, Maria and Zieliński, Maciej and Kiderys, Angelika and Zieliński, Michał and Winiarek, Piotr and Karpiński, Zbigniew	Hydrodechlorination of Tetrachloromethane over Palladium Catalysts Supported on Mixed MgF ₂ -MgO Carriers	2016, 21, 1620-1636	10.3390/molecules21121620	2,465	30
NANO ENERGY	Cieślak, Anna M. ; Pavliuk, Mariia V.; D'Amario, Luca; Abdellah, Mohamed; Sokołowski, Kamil ; Rybinska, Urszula; Fernandes, Daniel L. A.; Leszczyński, Michał K. ; Mamedov, Fikret; El-Zhory, Ahmed M.; Fohlinger, Jens; Budinska, Alena; Wolska-Pietkiewicz, Małg	Ultra long-lived electron-hole separation within water-soluble colloidal ZnO nanocrystals: Prospective applications for solar energy production	2016, 30, 187-192	10.1016/j.nanoen.2016.09.045	11,553	45
NATURE CHEMISTRY	Ladenthin, Janina N.; Frederiksen, Thomas; Persson, Mats; Sharp, John C.; Gawinkowski, Sylwester ; Waluk, Jacek ; Kumagai, Takashi	Force-induced tautomerization in a single molecule	2016, 8(10), 935-940	10.1038/NCHEM.2552	27,893	50
NEW JOURNAL OF CHEMISTRY	Boinski, T.; Cieszkowski, A.; Rosa, B.; Leśniewska, B. ; Szumna, A.	Calixarenes with naphthalene units: calix[4]naphthalenes and hybrid[4]arenes	2016, 40, 8892-8896	10.1039/c6nj01736c	3,277	30
OCHRONA PRZED KOROZJĄ	Gajek, Arkadiusz ; Zakroczyński, Tadeusz	Skutki polaryzacji elektrochemicznej stopu zircaloy 4 w 0,1 M NaOH	2016, 59 (3), 70-73	10.15199/40.2016.3.3	0	12
ONCOGENE	Sewastianik, T.; Szydłowski, M.; Jablonska, E.; Bialopiotrowicz, E.; Kiliszek, P.; Gorniak, P.; Polak, A.; Prochorec-Sobieszek, M.; Szumera-Cieckiewicz, A.; Kaminski, T. S. ; Markowicz, S.; Nowak, E.; Grygorowicz, A.; Warzocha, K.; Juszczyński, P.	FOXO1 is a TXN- and p300-dependent sensor and effector of oxidative stress in diffuse large B-cell lymphomas characterized by increased oxidative metabolism	2016, 35, 5989-6000	10.1038/onc.2016.126	7,932	40
OPTICA	Borycki, Dawid ; Kholiqov, Oybek; Srinivasan, Vivek J.	Interferometric near-infrared spectroscopy directly quantifies optical field dynamics in turbid media	2016, 3 (12), 1741-1746	10.1364/OPTICA.3.001471	5,205	45

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PHOTONICS LETTERS OF POLAND	Szczepanek, Jan; Kardaś, Tomasz M.; Stepanenko, Yuriy	Group Delay measurements of ultra-broadband pulses generated in highly nonlinear fibers	2016, 8 (4), 107-109	10.4302/plp.2016.4.06	0	7
PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Dodziuk, Helena; Ruud, Kenneth; Korona, Tatiana; Demissie, Taye B.	Chiral recognition by fullerenes: CHFClBr enantiomers in the C-82 cage	2016, 18, 26057-26068	10.1039/c6cp05030a	4,449	35
PHYSICAL REVIEW B	Kolesnikov, A. I.; Podlesnyak, A.; Sadykov, R. A.; Antonov, V. E.; Kuzovnikov, M. A.; Ehlers, G.; Granroth, G. E.	Pressure effect on hydrogen tunneling and vibrational spectrum in alpha-Mn	2016, 94, 134301-1-5	10.1103/PhysRevB.94.134301	3,718	35
POLIMERY	Zieleniewska, Milena; Szczepkowski, Leonard; Krzyzowska, Malgorzata; Leszczynski, Michal K.; Ryszkowska, Joanna	Rigid polyurethane foam composites with vegetable filler for application in the cosmetics industry	2016, 61 (11/12), 807-814	10.14314/polimery.2016.807	0,718	15
PROCEEDINGS OF SPIE	Dominik, M.; Niedziolka-Jonsson, J.; Rozniecka, E.; Wachnicki, L.; Godlewski, M.; Mikulic, Predrag; Bock, Wojtek J.; Smietana, M.	Regeneration of titanium oxide nano-coated long-period grating biosensor : SIXTH EUROPEAN WORKSHOP ON OPTICAL FIBRE SENSORS	2016, 9916, 9916OZ-1 - 1-4	10.1117/12.2236878	0	0
PROCEEDINGS OF SPIE	Szczepanek, Jan; Kardaś, Tomasz; Nejbauer, Michal; Radzewicz, Czesław; Stepanenko, Yuriy	Simple all-PM-fiber laser system seeded by an all-normal-normaldispersion oscillator mode-locked with a nonlinear optical loop mirror	2016, 9728, 972827-1	doi:10.1117/12.2182273	0	0
PURE AND APPLIED CHEMISTRY	Waluk, Jacek	Non-classical effects in proton or hydrogen transfer	2016, 88, 1063-1071	10.1515/pac-2016-0706	2,615	30
REVIEWS IN THEORETICAL SCIENCE	Olszewski, Stanislaw	Bohr Model of the Hydrogen Atom Revisited	2016, 4, 336-352	10.1166/rits.2016.1066	0	0

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RSC ADVANCES	Fernandes, Daniel L.; Paun, Cristina; Pavliuk, Mariia V.; Fernandes, Arthur B.; Bastos, Erick L.; Sa, Jacinto	Green microfluidic synthesis of monodisperse silver nanoparticles <i>via</i> genetic algorithm optimization	2016, 6, 95693-95697	10.1039/C6RA20877K	3,289	35
RSC ADVANCES	Paun, Cristina; Słowik, Grzegorz; Lewin, Erik; Sa, Jacinto	Flow hydrogenation of <i>p</i> -nitrophenol with nano-Ag/Al ₂ O ₃	2016, 6, 87564-87568	10.1039/C6RA17512K	3,289	35
SCIENCE LETTERS JOURNAL	Sá, Jacinto; Pavliuk, Mariia V.; El-Zohry, Ahmed M.; Fernandes, Daniel L. A.; Föhlinger, Jens; Mukhtar, Emad	Soret fluorescence involved in Caryophyllales plants ultraviolet protection	2016, 5, 226-230		0	0
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