

Tytuł czasopisma	Autorzy	Tytuł publikacji	Rok/tom/strony	DOI	IF	Punkty MNISW
ACS APPLIED MATERIALS & INTERFACES	<b>Iskierko, Zofia and Sharma, Piyush Sindhu and Prochowicz, Daniel</b> and Fronc, Krzysztof and D'Souza, Francis and Toczydłowska, Diana and Stefaniak, Filip and <b>Noworyta, Krzysztof,</b>	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	<a href="https://doi.org/10.1021/acsami.6b05515">10.1021/acsami.6b05515</a>	7.145	40
ANALYST	<b>Ogonczyk, D. and Gocyla, M. and Opallo, M.,</b>	Employment of electrostatic interactions for amperometric detection of carbon nanoparticles in a FIA system,	2016, 141 (14), 4319-4325	<a href="https://doi.org/10.1039/c6an00752j">10.1039/c6an00752j</a>	4.033	40
APPLIED CATALYSIS A-GENERAL	Cortes-Reyes, M. and Herrera, M. <b>C. and Pieta, I. S.</b> and Larrubia, M. A. and Alemany, L. J.,	In situ TG-MS study of NO <sub>x</sub> and soot removal over LNT model catalysts,	2016, 523, 193-199	<a href="https://doi.org/10.1016/j.apcata.2016.06.004">10.1016/j.apcata.2016.06.004</a>	4.012	40
APPLIED CATALYSIS B-ENVIRONMENTAL	<b>Srebowata, A.</b> and Baran, R. and Slowik, G. and <b>Lisovyt'skiy, D.</b> 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	<a href="https://doi.org/10.1016/j.apcatb.2016.06.060">10.1016/j.apcatb.2016.06.060</a>	8.328	45
APPLIED CATALYSIS B-ENVIRONMENTAL	Golabiewska, Anna and Malankowska, Anna and Jarek, Marcin and <b>Lisowski, Wojciech</b> 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 <sub>2</sub> ,	2016, 196, 27-40	<a href="https://doi.org/10.1016/j.apcatb.2016.05.013">10.1016/j.apcatb.2016.05.013</a>	8.328	45
APPLIED CATALYSIS B-ENVIRONMENTAL	Mazierski, Pawel and Nischk, Michal and Golkowska, Marta and <b>Lisowski, Wojciech</b> and Gazda, Maria and Winiarski, Michal Jerzy and Klimczuk, Tomasz and Zaleska-Medynska, Adriana,	Photocatalytic activity of nitrogen doped TiO <sub>2</sub> nanotubes prepared by anodic oxidation: The effect of applied voltage, anodization time and amount of nitrogen dopant,	2016, 196, 77-88	<a href="https://doi.org/10.1016/j.apcatb.2016.05.006">10.1016/j.apcatb.2016.05.006</a>	8.328	45

Catalysts	Ilieva, Lyuba and Petrova, Petya and Liotta, Leonarda F. and <b>Sobczak, Janusz W. and Lisowski, Wojciech and Kaszkur, Zbigniew</b> and Munteanu, Gabriel and Tabakova, Tatyana,	Gold Catalysts on Y-Doped Ceria Supports for Complete Benzene Oxidation,	2016, 6 (7), Art.. No. 99	<a href="https://doi.org/10.3390/catal6070099">10.3390/catal6070099</a>	2.964	25
CHEMISTRY-A EUROPEAN JOURNAL	Kotwica, Kamil and Kostyuchenko, Anastasia S. and Data, Przemyslaw and Marszalek, Tomasz and Skorka, Lukasz and <b>Jaroch, Tomasz</b> and Kacka, Sylwia and Zagorska, Malgorzata and <b>Nowakowski, Robert</b> 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	<a href="https://doi.org/10.1002/chem.201600984">10.1002/chem.201600984</a>	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 <b>Kutner, Wlodzimierz and Noworyta, Krzysztof and Pietrzyk-Le, Agnieszka and Iskierko, Zofia and Bartold, Katarzyna,</b>	Inherently Chiral Spider-Like Oligothiophenes,	2016, 22 (31), 10839-10847	<a href="https://doi.org/10.1002/chem.201504899">10.1002/chem.201504899</a>	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 <b>Jaroch, Tomasz and Nowakowski, Robert</b> and Pron, Adam and Monkman, Andrew,	Soluble Flavanthrone Derivatives: Synthesis, Characterization, and Application to Organic Light-Emitting Diodes,	2016, 22 (23), 7978-7986	<a href="https://doi.org/10.1002/chem.201600513">10.1002/chem.201600513</a>	5.771	40

CHEMISTRY-A EUROPEAN JOURNAL	<b>Krupinski, Piotr</b> and Kornowicz, Arkadiusz and <b>Sokolowski, Kamil and Cieslak, Anna M.</b> and <a href="#">Lewinski, Janusz</a> ,	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	<a href="https://doi.org/10.1002/chem.201600182">10.1002/chem.201600182</a>	5.771	40
CHEMISTRY OF MATERIALS	<b>Andryszewski, Tomasz and Iwan, Michalina and Holdynski, Marcin and Fialkowski, Marcin</b> ,	Synthesis of a Free-Standing Monolayer of Covalently Bonded Gold Nanoparticles,	2016, 28 (15), 5304-5313	<a href="https://doi.org/10.1021/acs.chemmater.6b00922">10.1021/acs.chemmater.6b00922</a>	9.407	45
CRYSTENGCOMM	Afkhami, Farhad Akbari and Khandar, Ali Akbar and Mahmoudi, Ghodrat and Maniukiewicz, Waldemar and <b>Lipkowski, Janusz</b> 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	<a href="https://doi.org/10.1039/c6ce00877a">10.1039/c6ce00877a</a>	3.849	35
CRYSTENGCOMM	<b>Danylyuk, Oksana and Butkiewicz, Helena and Sashuk, Volodymyr</b> ,	Host-guest complexes of cucurbit[6]uril with the trypanocide drug diminazene and its degradation product 4-aminobenzamide,	2016, 18 (26), 4905-4908	<a href="https://doi.org/10.1039/c6ce00257a">10.1039/c6ce00257a</a>	3.849	35
DALTON TRANSACTIONS	<b>Wrobel, Zbigniew and Justyniak, Iwona</b> and Dranka, Izabela and <a href="#">Lewinski, Janusz</a> ,	Structural diversity of alkylzinc complexes with pyrrole-based N, O-ligands: from molecular complexes to coordination polymers,	2016, 45, 7240-7243	<a href="https://doi.org/10.1039/c6dt00674d">10.1039/c6dt00674d</a>	4.177	40
ENERGY TECHNOLOGY	<b>Colmenares, Juan Carlos</b> and Colmenares Quintero, Ramon Fernando and <b>Pieta, Izabela S.</b> ,	Catalytic Dry Reforming for Biomass-Based Fuels Processing: Progress and Future Perspectives,	2016, 4 (8), 881-890	<a href="https://doi.org/10.1002/ente.201600195">10.1002/ente.201600195</a>	2.557	30
GEOPHYSICAL RESEARCH LETTERS	Osselin, F. and Kondratiuk, P. and Budek, A. and <b>Cybulski, O. and Garstecki, P.</b> and Szymczak, P.,	Microfluidic observation of the onset of reactive-infiltration instability in an analog fracture,	2016, 43 (13), 6907-6915	<a href="https://doi.org/10.1002/2016GL069261">10.1002/2016GL069261</a>	4.212	40

INORGANIC CHEMISTRY	Gabka, Grzegorz and Bujak, Piotr and Ostrowski, Andrzej and Tomaszewski, Waldemar and <b>Lisowski, Wojciech and Sobczak, Janusz W.</b> 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	<a href="https://doi.org/10.1021/acs.inorgchem.6b00912">10.1021/acs.inorgchem.6b00912</a>	2.894	35
JOURNAL OF CHEMICAL PHYSICS	Pousaneh, Faezeh and Edholm, Olle and <b>Maciolek, Anna,</b>	Molecular dynamics simulation of a binary mixture near the lower critical point,	2016, 145 (1), Art.. No. 014501	<a href="https://doi.org/10.1063/1.4954768">10.1063/1.4954768</a>	2.894	35
JOURNAL OF MICROSCOPY	Andrzejczuk, M. and <b>Roguska, A.</b> and Michalska, M. and Lipinska, L. and Czerwinski, A. and Cantoni, M. and Krawczynska, A. T. and Lewandowska, M.,	STEM study of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> anode material modified with Ag nanoparticles,	2016, 264 (1), 41-47	<a href="https://doi.org/10.1111/jmi.12414">10.1111/jmi.12414</a>	2.136	30
JOURNAL OF NANOPARTICLE RESEARCH	<b>Sashuk, Volodymyr and Rogaczewski, Konrad,</b>	A halogen-free synthesis of gold nanoparticles using gold(III) oxide,	2016, 18 (9), Art.no. 261	<a href="https://doi.org/10.1007/s11051-016-3576-x">10.1007/s11051-016-3576-x</a>	2.101	30
JOURNAL OF ORGANIC CHEMISTRY	Masnyk, Marek and Butkiewicz, Aleksandra and Gorecki, Marcin and <b>Luboradzki, Roman</b> 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	<a href="https://doi.org/10.1021/acs.joc.6b00416">10.1021/acs.joc.6b00416</a>	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 <b>Justyniak, Iwona</b> 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	<a href="https://doi.org/10.1016/j.jorganchem.2016.07.012">10.1016/j.jorganchem.2016.07.012</a>	2.336	30
JOURNAL OF PHYSICAL CHEMISTRY A	<b>Custer, Thomas and Szczepaniak, Urszula and Gronowski, Marcin and Fabisiewicz, Emilia</b> and Couturier-Tamburelli, Isabelle and <b>Kolos, Robert,</b>	Density Functional Exploration of C <sub>4</sub> H <sub>3</sub> N Isomers,	2016, 120 (29), 5928-5938	<a href="https://doi.org/10.1021/acs.jpca.6b03922">10.1021/acs.jpca.6b03922</a>	2.883	30

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JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER	Lamarre, N. and Gans, B. and Vieira Mendes, L. A. and <b>Gronowski, M.</b> and Guillemin, J.-C. and De Oliveira, N. and Douin, S. and Chevalier, M. and Crepin, C. and <b>Kolos, R.</b> and Boye-Peronne, S.,	Excited electronic structure of methylcyanoacetylene probed by VUV Fourier-transform absorption spectroscopy,	2016, 182, 286-295	<a href="https://doi.org/10.1016/j.jqsrt.2016.06.020">10.1016/j.jqsrt.2016.06.020</a>	2.859	35
JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY	<b>Wincel, Henryk,</b>	Microhydration of Deprotonated Nucleobases,	2016, 27 (8), 1383-1392	<a href="https://doi.org/10.1007/s13361-016-1411-3">10.1007/s13361-016-1411-3</a>	3.031	30
JOURNAL OF THERMOPHYSICS AND HEAT TRANSFER	Di Nicola, G. and Pierantozzi, M. and Petrucci, G. and <b>Stryjek, R.,</b>	Equation for the Thermal Conductivity of Liquids and an Artificial Neural Network,	2016, 30 (3), 651-660	<a href="https://doi.org/10.2514/1.T4863">10.2514/1.T4863</a>	1.035	25
LAB ON A CHIP	<b>Cybulski, Olgierd</b> and Jakiela, Slawomir and <b>Garstecki, Piotr,</b>	Whole Teflon valves for handling droplets,	2016, 16 (12), 2198-2210	<a href="https://doi.org/10.1039/c6lc00375c">10.1039/c6lc00375c</a>	5.586	40
LAB ON A CHIP	<b>Kaminski, Tomasz S. and Scheler, Ott and Garstecki, Piotr,</b>	Droplet microfluidics for microbiology: techniques, applications and challenges,	2016, 16 (12), 2168-2187	<a href="https://doi.org/10.1039/c6lc00367b">10.1039/c6lc00367b</a>	5.586	40
LANGMUIR	Czelej, Kamil and Cwieka, Karol and <b>Colmenares, Juan Carlos</b> and Kurzydowski, Krzysztof J.,	Insight on the Interaction of Methanol-Selective Oxidation Intermediates with Au- or/and Pd-Containing Monometallic and Bimetallic Core@Shell Catalysts,	2016, 32 (30), 7493-7502	<a href="https://doi.org/10.1021/acs.langmuir.6b01906">10.1021/acs.langmuir.6b01906</a>	3.993	35

LUMINESCENCE	<b>Mal, Suraj and Pietraszkiewicz, Marek and Pietraszkiewicz, Oksana,</b>	Synthesis and photophysical studies of tetrazolate-based Eu(III) photoluminescent ternary complexes containing N-heterocyclic phosphine oxides auxiliary co-ligands,	2016, 31 (5), 1085-1090	<a href="https://doi.org/10.1002/bio.3075">10.1002/bio.3075</a>	1.452	15
MATERIALS	Rozynek, Zbigniew and Kaczmarek-Klinowska, Milena and <b>Magdziarz, Agnieszka,</b>	Assembly and Rearrangement of Particles Confined at a Surface of a Droplet, and Intruder Motion in Electro-Shaken Particle Films,	2016, 9 (8), Art.. No. 679	<a href="https://doi.org/10.3390/ma9080679">10.3390/ma9080679</a>	2.728	35
MICROFLUIDICS AND NANOFLUIDICS	<b>Adamiak, W. and Kaluza, D. and Jonsson-Niedziolka, M.,</b>	Compatibility of organic solvents for electrochemical measurements in PDMS-based microfluidic devices,	2016, 20 (9), 127	<a href="https://doi.org/10.1007/s10404-016-1792-4">10.1007/s10404-016-1792-4</a>	2.537	35
NANOMATERIALS	Ouyang, Weiyi and Kuna, Ewelina and Yepez, Alfonso and Balu, Alina M. and Romero, Antonio A. and Colmenares, Juan Carlos and Luque, Rafael,	Mechanochemical Synthesis of TiO2 Nanocomposites as Photocatalysts for Benzyl Alcohol Photo-Oxidation,	2016, 6 (5), Art.. No.93	<a href="https://doi.org/10.3390/nano6050093">10.3390/nano6050093</a>	2.690	30
PHYSICAL CHEMISTRY CHEMICAL PHYSICS	<b>Gorecki, Jerzy</b> and Gorecka, Joanna N. and <b>Nowakowski, Bogdan</b> and Ueno, Hiroshi and Yoshikawa, Kenichi,	How many enzyme molecules are needed for discrimination oriented applications?,	2016, 18 (30), 20518-20527	<a href="https://doi.org/10.1039/c6cp03860c">10.1039/c6cp03860c</a>	4.449	35
PHYSICAL CHEMISTRY CHEMICAL PHYSICS	<b>Angulo, Gonzalo</b> and Brucka, Marta and Gerecke, Mario and Grampp, Guenter and Jeannerat, Damien and <b>Milkiewicz, Jadwiga</b> and Mitrev, Yavor and <b>Radzewicz, Czeslaw</b> and Rosspeintner, Arnulf and Vauthey, Eric and <b>Wnuk, Pawel,</b>	Characterization of dimethylsulfoxide/glycerol mixtures: a binary solvent system for the study of "friction-dependent" chemical reactivity,	2016, 18 (30), 18460-18469	<a href="https://doi.org/10.1039/c6cp02997c">10.1039/c6cp02997c</a>	4.449	35
PHYSICAL REVIEW E	<b>Jedrak, Jakub and Ochab-Marcinek, Anna,</b>	Time-dependent solutions for a stochastic model of gene expression with molecule production in the form of a compound Poisson process,	2016, 94 (3), Art.. No.032401	<a href="https://doi.org/10.1103/PhysRevE.94.032401">10.1103/PhysRevE.94.032401</a>	2.252	35
PLOS ONE	<b>Sozanski, Krzysztof ; Wisniewska, Agnieszka; Kalwarczyk, Tomasz; Sznajder, Anna; Holyst, Robert</b>	Motion of Molecular Probes and Viscosity Scaling in Polyelectrolyte Solutions at Physiological Ionic Strength,	2016, 11 (8), Art.. No. E0161409	<a href="https://doi.org/10.1371/journal.pone.0161409">10.1371/journal.pone.0161409</a>	3.057	40

POLISH JOURNAL OF CHEMICAL TECHNOLOGY	<b>Lomot, Dariusz</b> and Karpinski, Zbigniew,	Catalytic activity of Pd-Ni in the oxidation of hydrogen for the safety of nuclear power plant,	2016, 18 (1), 15-18	<a href="https://doi.org/10.1515/pjct-2016-0003">10.1515/pjct-2016-0003</a>	0.575	15
RSC ADVANCES	Karami, Kazem and Lighvan, Zohreh Mehri and Alizadeh, Ali Mohammad and Poshteh-Shirani, Marziyeh and Khayamian, Taghi and <b>Lipkowski, Janusz</b> ,	Synthesis of a novel trinuclear palladium complex: the influence of an oxime chelate ligand on biological evaluation towards double-strand DNA, BSA protein and molecular modeling studies,	2016, 6 (82), 78424-78435	<a href="https://doi.org/10.1039/c6ra08744b">10.1039/c6ra08744b</a>	3.289	35
SCIENTIFIC REPORTS	Szlachetko, Jakub and Hoszowska, Joanna and Dousse, Jean-Claude and Nachtegaal, Maarten and Blachucki, Wojciech and Kayser, Yves and <b>Sa, Jacinto</b> and Messerschmidt, Marc and Boutet, Sebastien and Williams, Garth J. and David, Christian and Smolentsev, Grigory and van Bokhoven, Jeroen A. and Patterson, Bruce D. and Penfold, Thomas J. and Knopp, Gregor and Pajek, Marek and Abela, Rafael and Milne, Christopher J.,	Establishing nonlinearity thresholds with ultraintense X-ray pulses,	2016, 6, Art.. No. 33292	<a href="https://doi.org/10.1038/srep33292">10.1038/srep33292</a>	5.228	40
SCIENTIFIC REPORTS	<b>Magos-Palasyuk, Ewelina</b> and Fijalkowski, Karol J. and <b>Palasyuk, Taras</b> ,	Chemically driven negative linear compressibility in sodium amidoborane, Na(NH <sub>2</sub> BH <sub>3</sub> ),	2016, 6, Art.. No. 28745	<a href="https://doi.org/10.1038/srep28745">10.1038/srep28745</a>	5.228	40
SEPARATION AND PURIFICATION TECHNOLOGY	Borzyszkowska, A. Fiszka and Pieczynska, A. and Ofiarska, A. and <b>Nikiforow, K.</b> and Stepnowski, P. and Siedlecka, E. M.,	Bi-B-TiO <sub>2</sub> -based photocatalytic decomposition of cytostatic drugs under simulated sunlight treatments,	2016, 169, 113-120	<a href="https://doi.org/10.1016/j.seppur.2016.06.012">10.1016/j.seppur.2016.06.012</a>	3.299	40
THEORETICAL CHEMISTRY ACCOUNTS	<b>Gronowski, Marcin</b> and <b>Turowski, Michal</b> and <b>Custer, Thomas</b> and <b>Kolos, Robert</b> ,	A theoretical study on the spectroscopy, structure, and stability of C <sub>2</sub> H <sub>3</sub> NS molecules,	2016, 135 (9), Art.. No. 222	<a href="https://doi.org/10.1007/s00214-016-1978-6">10.1007/s00214-016-1978-6</a>	1.806	25