

Tytuł czasopisma	Autorzy	Tytuł publikacji	Rok/tom/strony	DOI	IF	Punkty MNISW
ACS SENSORS	Huynh, Tan-Phat; Wojnarowicz, Agnieszka; Kelm, Anna; Woznicki, Piotr; Borowicz, Pawel; Majka, Alina; D'Souza, Francis; Kutner, Włodzimierz	Chemosensor for Selective Determination of 2,4,6-Trinitrophenol Using a Custom Designed Imprinted Polymer Recognition Unit Cross-Linked to a Fluorophore Transducer	2016, 1 (6), 636-639	10.1021/acssensors.6b00055	0	0
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
AIMS BIOPHYSICS	Kwapiszewska, Karina; Zukowski, Kamil; Kwapiszewski, Radoslaw; Brzozka, Zbigniew	Double casting prototyping with a thermal aging step for fabrication of 3D microstructures in poly(dimethylsiloxane)	2016, 3 (4), 553-562	10.3934/biophy.2016.4.553	0	0
ANALYTICAL CHEMISTRY	Horka, Michał; Sun, Shiwen; Ruszczak, Artur; Garstecki, Piotr; Mayr, Torsten	Lifetime of Phosphorescence from Nanoparticles Yields Accurate Measurement of Concentration of Oxygen in Microdroplets, Allowing One To Monitor the Metabolism of Bacteria	2016,88, 12006-12012	10.1021/acs.analchem.6b03758	5,886	45
ANALYTICAL CHEMISTRY	Witkowska Nery, Emilia; Kundys, Magdalena; Jeleń, Paulina S.; Jonsson-Niedziółka, Martin	Electrochemical Glucose Sensing: Is There Still Room for Improvement?	2016, 88, 11271-11282	10.1021/acs.analchem.6b03151	5,886	45
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 TiO2 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 ZrO2	2016, 388, 799-804	10.1016/j.apsusc.2016.02.178	3,15	35

BIOCONJUGATE CHEMISTRY	Szot-Karpińska, Katarzyna; Golec, Piotr; Leśniewski, Adam; Pałys, Barbara; Marken, Frank; Niedziółka-Jönsson, Joanna; Węgrzyn, Grzegorz; Łoś, Marcin	Modified Filamentous Bacteriophage as a Scaffold for Carbon Nanofiber	2016, 27 (12), 2900-2910	10.1021/acs.bioconjchem.6b00555	4,5	40
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; Kaszkur, 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

CHEMISTRY-A EUROPEAN JOURNAL	Ostapko, Jakub and Nawara, Krzysztof and Kijak, Michal and Buczynska, Joanna and Lesniewska, Barbara and Pietrzak, Mariusz and Orzanowska, Grazyna and Waluk, Jacek	Parent, Unsubstituted Hemiporphycene: Synthesis and Properties	2016, 22 (48), 17311-17320	10.1002/chem.201603560	5,771	40
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
CHEMPHYSCHEM	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
CHEMPHYSCHEM	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

JOURNAL OF LIGHTWAVE TECHNOLOGY	Rozycki-Bakon, Radoslaw; Kolba, Marcin; Firek, Piotr; Rozniecka, Ewa; Niedziolka-Jonsson, Joanna ; Smietana, Mateusz	Stack of Nano-Films on Optical Fiber End Face for Label-Free Bio-Recognition	2016, 34 (23), 5357-5362	10.1109/JLT.2016.2615294	2,567	
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.jpccb.6b06610	3,187	30

JOURNAL OF PHYSICAL CHEMISTRY C	Runowski, Marcin; Goderski, Szymon; Paczesny, Jan ; Książopolska-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. ; Goźdz, 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

ORGANIC & BIOMOLECULAR CHEMISTRY	Sidoryk, Katarzyna; Rarova, Lucie; Okleskova, Jana; Pakulski, Zbigniew; Strnad, Miroslav; Cmoch, Piotr; Luboradzki, Roman	Synthesis of 28a-homoselenolupanes and 28-homoselenolupane saponins	2016, 14, 10238-10248	10.1039/C6OB01938B	3,559	35
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

RSC ADVANCES	Cywinski, Piotr J.; Pietraszkiewicz, Marek; Maciejczyk, Michal; Gorski, Krzysztof; Hammann, Tommy; Liermann, Konstanze; Paulke, Bernd-Reiner; Loehmannsroeben, Hans-Gerd	Total protein concentration quantification using nanobeads with a new highly luminescent terbium(III) complex	2016, 6, 115068-115073	10.1039/c6ra23207h	3,289	35
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
SCIENTIFIC REPORTS	Jiao, Jiajia; Sun, Lili; Guo, Zaiyu; Hou, Sen; Holyst, Robert; Lu, Yun; Feng, Xizeng	Antibacterial and anticancer PDMS surface for mammalian cell growth using the Chinese herb extract paeonol(4-methoxy-2-hydroxyacetophenone)	2016, 6, 38973	10.1038/srep38973	5,228	40
SCIENTIFIC REPORTS	Kurzydłowski, Dominik; Zaleski-Ejgierd, Patryk	Hexacoordinated nitrogen(V) stabilized by high pressure	2016, 6, 36049	10.1038/srep36049	5,228	40
SOFT MATTER	Almarza, N. G.; Pękałski J.; Ciach A.	Effects of confinement on pattern formation in two dimensional systems with competing interactions	2016, 12, 7551-7563	10.1039/c6sm01400c	3,798	40
SOFT MATTER	Zhang, Xuzhu; Poniewierski, Andrzej; Jelinska, Aldona; Zagózdzon, Anna; Wisniewska, Agnieszka; Hou, Sen; Holyst, Robert	Determination of equilibrium and rate constants for complex formation by fluorescence correlation spectroscopy supplemented by dynamic light scattering and Taylor dispersion analysis	2016, 12, 8186-8194	10.1039/c6sm01791f	3,798	40

	Lesniewski, Adam	Hybrid organic–inorganic silica based particles for latent fingerprints development: A review	2016, 222 (A), 124-131	10.1016/j.synthmet.2016.03.032	2,299	30
SYNTHETIC METALS						
TOPICS IN CURRENT CHEMISTRY	Colmenares, Juan C.; Kuna, Ewelina; Lisowski, Pawel	Synthesis of Photoactive Materials by Sonication: Application in Photocatalysis and Solar Cells	2016, 374, 59 (1-21)	10.1007/s41061-016-0062-y	4,014	40
TRENDS IN BIOTECHNOLOGY	Cieplak, Maciej; Kutner, Włodzimierz	Artificial Biosensors: How Can Molecular Imprinting Mimic Biorecognition?	2016, 34 (11), 922-941	10.1016/j.tibtech.2016.05.011	12,065	45