

Tytuł czasopisma	Autorzy	Tytuł publikacji	Rok/tom/strony	DOI	IF	Punkty MNISW
CHEMICAL REVIEWS	Prochowicz, Daniel; Kornowicz, Arkadiusz; Lewinski, Janusz	Interactions of Native Cyclodextrins with Metal Ions and Inorganic Nanoparticles: Fertile Landscape for Chemistry and Materials Science	017, 117 (22), 13461-13501	<a href="https://doi.org/10.1021/acs.chemrev.7b00231">10.1021/acs.chemrev.7b00231</a>	47,93	50
CHEMICAL SOCIETY REVIEWS	Colmenares, Juan Carlos; Varma, Rajender S.; Nair, Vaishakh	Selective photocatalysis of lignin-inspired chemicals by integrating hybrid nanocatalysis in microfluidic reactors	2017, 46 (22), 6675-6686	<a href="https://doi.org/10.1039/c7cs00257b">10.1039/c7cs00257b</a>	38,62	50
CHEMICAL SOCIETY REVIEWS	Kaminski, T. S.; Garstecki, P.	Controlled droplet microfluidic systems for multistep chemical and biological assays	2017, 46 (20), 6210-6226	<a href="https://doi.org/10.1039/c5cs00717h">10.1039/c5cs00717h</a>	38,62	50
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	Koch, Matthias; Pagan, Mark; Persson, Mats; Gawinkowski, Sylwester; Waluk, Jacek; Kumagai, Takashi	Direct Observation of Double Hydrogen Transfer via Quantum Tunneling in a Single Porphycene Molecule on a Ag(110) Surface	2017, 139 (36), 12681-12687	<a href="https://doi.org/10.1021/jacs.7b06905">10.1021/jacs.7b06905</a>	13,86	45
NATURE COMMUNICATIONS	Yang, Zhijie; Wei, Jingjing; Gizynski, Konrad; Song, Myung-Geun; Grzybowski, Bartosz A.	Interference-like patterns of static magnetic fields imprinted into polymer/nanoparticle composites	2017, 8	<a href="https://doi.org/10.1038/s41467-017-01861-1">10.1038/s41467-017-01861-1</a>	12,12	45
JOURNAL OF PHYSICAL CHEMISTRY LETTERS	Karpiuk, Jerzy; Majka, Alina; Karolak, Ewelina; Nowacki, Jacek	Intramolecular Electron Transfer in Frozen Solvents: Charge Transfer and Local Triplet States Population Dynamics Revealed by Dual Phosphorescence	2017, 8 (19), 4659-4667	<a href="https://doi.org/10.1021/acs.jpcllett.7b02020">10.1021/acs.jpcllett.7b02020</a>	9,353	45

JOURNAL OF PHYSICAL CHEMISTRY LETTERS	<b>Zhang, Xuzhu;</b> Sisamakias, Evangelos; <b>Sozanski,</b> <b>Krzysztof; Holyst,</b> <b>Robert</b>	Nanoscopic Approach to Quantification of Equilibrium and Rate Constants of Complex Formation at Single-Molecule Level	2017, 8 (23), 5785-5791	<a href="https://doi.org/10.1021/acs.jpcllett.7b02742">10.1021/acs.jpcllett.7b02742</a>	9,353	45
SMALL	Yuan, Lan; Weng, Bo; <b>Colmenares, Juan Carlos;</b> Sun, Yugang; Xu, Yi-Jun	Multichannel Charge Transfer and Mechanistic Insight in Metal Decorated 2D-2D Bi <sub>2</sub> WO <sub>6</sub> -TiO <sub>2</sub> Cascade with Enhanced Photocatalytic	2017, 13 (48), 1702253	<a href="https://doi.org/10.1002/sml.201702253">10.1002/sml.201702253</a>	8,643	40
OPTICA	Artal, Pablo; Manzanera, Silvestre; Komar, Katarzyna; Gambin-Regadera, Adrian; <b>Wojtkowski, Maciej</b>	Visual acuity in two-photon infrared vision	2017, 4 (12), 1488-1491	<a href="https://doi.org/10.1364/OPTICA.4.001488">10.1364/OPTICA.4.001488</a>	7,727	45
ACS APPLIED MATERIALS & INTERFACES	Czelej, Kamil; Cwieka, Karol; Colmenares, Juan C.; Kurzydowski, Krzysztof J.; Xu, Yi-Jun	Toward a Comprehensive Understanding of Enhanced Photocatalytic Activity of the Bimetallic PdAu/TiO <sub>2</sub> Catalyst for Selective Oxidation of Methanol to Methyl Formate	2017, 9 (37), 31825-31833	<a href="https://doi.org/10.1021/acsami.7b08158">10.1021/acsami.7b08158</a>	7,504	40
NANOSCALE	<b>Chwojnowska, Elzbieta;</b> Wolska-Pietkiewicz, Malgorzata; Grzonka, Justyna; Lewinski, Janusz	An organometallic route to chiroptically active ZnO nanocrystals	2017, 9 (39), 14782-14786	<a href="https://doi.org/10.1039/c7nr02843a">10.1039/c7nr02843a</a>	7,367	40

NANOSCALE	Cieslak, Anna M.; Janecek, Emma- Rose; Sokolowski, Kamil; Ratajczyk, Tomasz; Leszczynski, Michal K.; Scherman, Oren A.; Lewinski, Janusz	Photo-induced interfacial electron transfer of ZnO nanocrystals to control supramolecular assembly in waterd	2017, 9 (42), 16128-16132	<a href="https://doi.org/10.1039/c7nr03095a">10.1039/c7nr03095a</a>	7,367	40
JOURNAL OF CATALYSIS	Garlisi, Corrado; Szlachetko, Jakub; Aubry, Cyril; Fernandes, Daniel L. A.; Hattori, Yocefu; Paun, Cristina; Pavliuk, Mariia V.; Rajput, Nitul S.; Lewin, Erik; Sa, Jacinto; Palmisano, Giovanni	N-TiO2/Cu-TiO2 double-layer films: Impact of stacking order on photocatalytic properties	2017, 353, 116- 122	<a href="https://doi.org/10.1016/j.jcat.2017.06.028">10.1016/j.jcat.2017.06.028</a>	6,844	45
JOURNAL OF CATALYSIS	Parnicka, Patrycja; Mazierski, Pawel; Grzyb, Tomasz; Wei, Zhishun; Kowalska, Ewa; Ohtani, Bunsho; Lisowski, Wojciech; Klimczuk, Tomasz; Nadolna, Joanna	Preparation and photocatalytic activity of Nd-modified TiO2 photocatalysts: Insight into the excitation mechanism under visible light	2017, 353, 211- 222	<a href="https://doi.org/10.1016/j.jcat.2017.07.017">10.1016/j.jcat.2017.07.017</a>	6,844	45
ANALYTICAL CHEMISTRY	Nawara, Krzysztof; <b>Waluk, Jacek</b>	Improved Method of Fluorescence Quantum Yield Determination	2017, 89 (17), 8650-8655	<a href="https://doi.org/10.1021/acs.analchem.7b02013">10.1021/acs.analchem.7b02013</a>	6,32	45

CHEMICAL COMMUNICATIONS	Kosiorek, Sandra; Rosa, Bartłomiej; Boinski, Tomasz; Butkiewicz, Helena; Szymanski, Marek P.; Danylyuk, Oksana; Szumna, Agnieszka; Sashuk, Volodymyr	Pillar[4]pyridinium: a square-shaped molecular box	2017,53 (100), 13320-13323	<a href="https://doi.org/10.1039/c7cc08562a">10.1039/c7cc08562a</a>	6,319	40
CHEMICAL COMMUNICATIONS	Vakuliuk, Olena; Ooi, Shota; Deperasinska, Irena; Staszewska-Krajewska, Olga; Banasiewicz, Marzena; Kozankiewicz, Boleslaw; Danylyuk, Oksana; Gryko, Daniel T.	Unprecedented rearrangement of diketopyrrolopyrroles leads to structurally unique chromophores	2017, 53 (87), 11877-11880	<a href="https://doi.org/10.1039/c7cc07310k">10.1039/c7cc07310k</a>	6,319	40
CHEMICAL COMMUNICATIONS	Wrobel, Zbigniew; Pietrzak, Tomasz; Justyniak, Iwona; Lewinski, Janusz	Oxygenation of RZn(N,O)-type complexes as an efficient route to zinc alkoxides not accessible via the classical alcoholysis path	2017, 53 (78), 10808-10811	<a href="https://doi.org/10.1039/c7cc05818g">10.1039/c7cc05818g</a>	6,319	40
CHEMCATCHEM	Chaładaj, Wojciech; <b>Kołodziejczyk, Agata</b> ; Domański, Sylwester	Gold(I)-Catalyzed Conia-ene Cyclization of Internal $\epsilon$ -Acetylenic $\beta$ -Ketoesters under High Pressure. (ChemCatChem 23/2017)	2017, 9(23), 4301–4447	<a href="https://doi.org/10.1002/cctc.201700297">10.1002/cctc.201700297</a>	4,803	35

CHEMCATCHEM	Luczak, Justyna; Paszkwicz-Gawron, Marta; Dlugocecka, Marta; Lisowski, Wojciech; Grabowska, Ewelina; Makurat, Samanta; Rak, Janusz; Zaleska-Medynska, Adriana	Visible-Light Photocatalytic Activity of Ionic Liquid TiO2 Spheres: Effect of the Ionic Liquid's Anion Structure	2017, 9 (23), 4377-4388	<a href="https://doi.org/10.1002/cctc.201700861">10.1002/cctc.201700861</a>	4,803	35
JOURNAL OF PHYSICAL CHEMISTRY C	Spychalski, Wojciech Leon; <b>Pisarek, Marcin</b> ; Szozkiewicz, Robert	Microscale Insight into Oxidation of Single MoS2 Crystals in Air	2017, 121 (46), 26027-26033	<a href="https://doi.org/10.1021/acs.jpcc.7b05405">10.1021/acs.jpcc.7b05405</a>	4,536	35
SCIENTIFIC REPORTS	<b>Kaminska, Agnieszka</b> ; <b>Winkler, Katarzyna</b> ; <b>Kowalska, Aneta</b> ; <b>Witkowska, Evelin</b> ; <b>Szyborski, Tomasz</b> ; <b>Janeczek, Anna</b> ; <b>Waluk, Jacek</b>	SERS-based Immunoassay in a Microfluidic System for the Multiplexed Recognition of Interleukins from Blood Plasma: Towards Picogram Detection	2017, 7, 10656	<a href="https://doi.org/10.1038/s41598-017-11152-w">10.1038/s41598-017-11152-w</a>	4,259	40
SCIENTIFIC REPORTS	<b>Kedra-Krolak, Karolina</b> ; Chmielewska, Izabela; Michnik, Anna; Zarzycki, Piotr	Blood Serum Calorimetry Indicates the Chemotherapeutic Efficacy in Lung Cancer Treatment	2017, 7, 16796	<a href="https://doi.org/10.1038/s41598-017-17004-x">10.1038/s41598-017-17004-x</a>	4,259	40

EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS	Ceborska, Magdalena	Folate appended cyclodextrins for drug, DNA, and siRNA delivery	2017, 120, 133- 145	<a href="https://doi.org/10.1016/j.ejpb.2017.09.005">10.1016/j.ejpb.2017.09.005</a>	4,159	40
PHYSICAL CHEMISTRY CHEMICAL PHYSICS	<b>Anna Ochab- Marcinek, Jakub Jędrak and Marcin Tabaka</b>	Hill kinetics as a noise filter: the role of transcription factor autoregulation in gene cascades	2017, 19, 22580- 22591	<a href="https://doi.org/10.1039/C7CP00743D">10.1039/C7CP00743D</a>	4,123	40
PHYSICAL CHEMISTRY CHEMICAL PHYSICS	<b>Gizynski, Konrad; Gorecki, Jerzy</b>	Cancer classification with a network of chemical oscillators	2017, 19 (42), 28808-28819	<a href="https://doi.org/10.1039/c7cp05655a">10.1039/c7cp05655a</a>	4,123	40
PHYSICAL CHEMISTRY CHEMICAL PHYSICS	<b>Kowalska, Patrycja;</b> Peeks, Martin D.; <b>Rolinski, Tomasz;</b> Anderson, Harry L.; <b>Waluk, Jacek</b>	Detection of a weak ring current in a nonaromatic porphyrin nanoring using magnetic circular dichroism	2017, 19 (48), 32556-32565	<a href="https://doi.org/10.1039/c7cp07348h">10.1039/c7cp07348h</a>	4,123	40
PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Montes-Campos, Hadrian; Manuel Otero-Mato, Jose; Mendez-Morales, Trinidad; Cabeza, Oscar; Gallego, Luis J.; <b>Ciach, Alina;</b> Varela, Luis M.	Two-dimensional pattern formation in ionic liquids confined between graphene walls	2017, 19 (36), 24505-24512	<a href="https://doi.org/10.1039/c7cp04649a">10.1039/c7cp04649a</a>	4,123	40
DALTON TRANSACTIONS	Leszczynski, Michal K.; Justyniak, Iwona; Zelga, Karolina; Lewinski, Janusz	From ethylzinc guanidinate to [Zn10O4]-supertetrahedron	2017, 46, (37), 12404-12407	<a href="https://doi.org/10.1039/c7dt01619k">10.1039/c7dt01619k</a>	4,029	40

JOURNAL OF ENVIRONMENTAL MANAGEMENT	Ouyang, Weiyi; Reina, Jose M.; <b>Kuna, Ewelina</b> ; Yepez, Alfonso; Balu, Alina M.; Romero, Antonio A.; <b>Colmenares, Juan Carlos</b> ; Luque, Rafael	Wheat bran valorisation: Towards photocatalytic nanomaterials for benzyl alcohol photo-oxidation	2017, 203, 768-773	<a href="https://doi.org/10.1016/j.jenvman.2016.07.013">10.1016/j.jenvman.2016.07.013</a>	4,01	35
SOFT MATTER	<b>Holyst, Robert</b> ; <b>Litniewski, Marek</b> ; Jakubczyk, Daniel	Evaporation of liquid droplets of nano- and micro-meter size as a function of molecular mass and intermolecular interactions: experiments and molecular dynamics simulations	2017, 13 (35), 5858-5864	<a href="https://doi.org/10.1039/c7sm00804j">10.1039/c7sm00804j</a>	3,889	40
SOFT MATTER	Santos, Andrew P.; <b>Pekalski, Jakub</b> ; Panagiotopoulos, Athanassios Z.	Thermodynamic signatures and cluster properties of self-assembly in systems with competing interactions	2017, 13 (44), 8055-8063	<a href="https://doi.org/10.1039/c7sm01721a">10.1039/c7sm01721a</a>	3,889	40
ANALYST	<b>Kannan, Palanisamy</b> ; Maiyalagan, Thandavarayan; Marsili, Enrico; Ghosh, Srabanti; Guo, Longhua; Huang, Youju; Rather, Jahangir Ahmed; Thirupathi, Dharmaraj; <b>Niedziolka-Jonsson, Joanna</b> ; <b>Jonsson-Niedziolka, Martin</b>	Highly active 3-dimensional cobalt oxide nanostructures on the flexible carbon substrates for enzymeless glucose sensing	2017, 142 (22), 4299-4307	<a href="https://doi.org/10.1039/c7an01084b">10.1039/c7an01084b</a>	3,885	40

PHYSICAL REVIEW B	<b>Kuzovnikov, Mikhail A.; Tkacz, Marek; Meng, Haijing;</b> Kapustin, Dmitry I.; Kulakov, Valery I.	High-pressure synthesis of tantalum dihydride	2017, 96 (13), no, 134120	<a href="https://doi.org/10.1103/PhysRevB.96.134120">10.1103/PhysRevB.96.134120</a>	3,836	35
EVOLUTIONARY COMPUTATION	Gizynski, Konrad; Gruenert, Gerd; Dittrich, Peter; Gorecki, Jerzy	Evolutionary Design of Classifiers Made of Droplets Containing a Nonlinear Chemical Medium	2017, 25 (4), 643-671	<a href="https://doi.org/10.1162/evco_a_00197">10.1162/evco_a_00197</a>	3,826	45
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	<b>Meng, H.; Kuzovnikov, M. A.; Tkacz, M</b>	Phase stability of some rare earth trihydrides under high pressure	2017, 42 (49), 29344-29349	<a href="https://doi.org/10.1016/j.ijhydene.2017.10.067">10.1016/j.ijhydene.2017.10.067</a>	3,582	35
ANALYTICAL AND BIOANALYTICAL CHEMISTRY	<b>Kaminska, Agnieszka;</b> Sprynskyy, Myroslav; <b>Winkler, Katarzyna; Szymborski, Tomasz</b>	Ultrasensitive SERS immunoassay based on diatom biosilica for detection of interleukins in blood plasma	2017, 409, 6337-6347	<a href="https://doi.org/10.1007/s00216-017-0566-5">10.1007/s00216-017-0566-5</a>	3,431	40
OPTICS EXPRESS	Li, Yihan; Kuse, Naoya; Rolland, Antoine; <b>Stepanenko, Yuriy;</b> Radzewicz, Czeslaw; Fermann, Martin E.	Low noise, self-referenced all polarization maintaining Ytterbium fiber laser frequency comb	2017, 25 (15), 18017-18023	<a href="https://doi.org/10.1364/OE.25.018017">10.1364/OE.25.018017</a>	3,307	45
NEW JOURNAL OF CHEMISTRY	Gut, Arkadiusz; Lapok, Lukasz; Jamroz, Dorota; <b>Gorski, Alexandr; Solarzski, Jędrzej;</b> Nowakowska, Maria	Photophysics and redox properties of aza-BODIPY dyes with electron-withdrawing groups	2017, 41 (20), 12110-12122	<a href="https://doi.org/10.1039/c7nj02757e">10.1039/c7nj02757e</a>	3,269	30



SPECTROCHIMICA ACTA PART B- ATOMIC SPECTROSCOPY	Blachucki, Wojciech; Hoszowska, Joanna; Dousse, Jean-Claude; Kayser, Yves; Stachura, Regina; Tyrala, Krzysztof; Wojtaszek, Klaudia; <b>Sa, Jacinto; Szlachetko, Jakub</b>	High energy resolution off- resonant spectroscopy: A review	2017, 136, 23- 33	<a href="https://doi.org/10.1016/j.sab.2017.08.002">10.1016/j.sab.2017.08.002</a>	3,241	35
JOURNAL OF PHYSICAL CHEMISTRY B	<b>Kalwarczyk, Tomasz; Kwapiszewska, Karina; Szczepanski, Krzysztof; Sozanski, Krzysztof;</b> Szymanski, Jedrzej; Michalska, Bernadeta; Patalas-Krawczyk, Paulina; Duszynski, Jerzy; <b>Holyst, Robert</b>	Apparent Anomalous Diffusion in the Cytoplasm of Human Cells: The Effect of Probes' Polydispersity	2017, 121 (42), 9831-9837	<a href="https://doi.org/10.1021/acs.jpcc.7b07158">10.1021/acs.jpcc.7b07158</a>	3,177	30
RSC ADVANCES	Morgner, Frank; Bennemann, Mark; Cywinski, Piotr J.; Kollosche, Matthias; <b>Gorski, Krzysztof; Pietraszkiewicz, Marek;</b> Gessner, Andre; Loehmannsroeben, Hans-Gerd	Elastic FRET sensors for contactless pressure measurement	2017, 7 (80), 50578-50583	<a href="https://doi.org/10.1039/c7ra06379b">10.1039/c7ra06379b</a>	3,108	35

JOURNAL OF CHEMICAL PHYSICS	<b>Angulo, Gonzalo;</b> <b>Jedrak, Jakub;</b> <b>Ochab-Marcinek, Anna;</b> <b>Pasitsuparoad, Pakorn;</b> <b>Radzewicz, Czeslaw;</b> Wnuk, Pawel; Rosspeintner, Arnulf	How good is the generalized Langevin equation to describe the dynamics of photo-induced electron transfer in fluid solution?	2017, 146 (24), no. 244505	<a href="https://doi.org/10.1063/1.4990044">10.1063/1.4990044</a>	2,965	35
JOURNAL OF CHEMICAL PHYSICS	Breitsprecher, Konrad; Abele, Manuel; <b>Kondrat, Svyatoslav;</b> Holm, Christian	The effect of finite pore length on ion structure and charging	2017, 147 (10), no. 104708	<a href="https://doi.org/10.1063/1.4986346">10.1063/1.4986346</a>	2,965	35
ELECTROANALYSIS	Ogonczyk, D.; Gocyla, M.; Andryszewski, T.; Opallo, M.	Continuous Electrochemical Detection of Gold Nanoparticles in Flow	2017, 29 (8), 1934-1940	<a href="https://doi.org/10.1002/elan.201700188">10.1002/elan.201700188</a>	2,851	30
JOURNAL OF PHYSICAL CHEMISTRY A	<b>Szczepaniak, Urszula;</b> <b>Kolos, Robert;</b> <b>Gronowski, Marcin;</b> Chevalier, Michele; Guillemin, Jean-Claude; <b>Turowski, Michal;</b> <b>Custer, Thomas;</b> Crepin, Claudine	Cryogenic Photochemical Synthesis and Electronic Spectroscopy of Cyanotetracetylene	2017, 121 939), 7374-7384	<a href="https://doi.org/10.1021/acs.jpca.7b07849">10.1021/acs.jpca.7b07849</a>	2,847	30
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY	<b>Masiera, Natalia;</b> Bojarska, Agnieszka; Gawryszewska, Iwona; Sadowy, Ewa; Hryniewicz, Waleria; <b>Waluka, Jacek</b>	Antimicrobial photodynamic therapy by means of porphycene photosensitizers	2017, 174, 84-89	<a href="https://doi.org/10.1016/j.jphotobiol.2017.07.016">10.1016/j.jphotobiol.2017.07.016</a>	2,673	30

TOPICS IN CATALYSIS	Truszkiewicz, Elzbieta; Zegadlo, Kacper; Wojda, Damian; <b>Mierzwa, Boguslaw</b> ; Kepinski, Leszek	The Effect of the Ruthenium Crystallite Size on the Activity of Ru/Carbon Systems in CO Methanation	2017,60 (17/18), 1299-1305	<a href="https://doi.org/10.1007/s11244-017-0815-z">10.1007/s11244-017-0815-z</a>	2,486	35
SYNTHETIC METALS	Kotwica, Karnil; Bujak, Piotr; Skorka, Lukasz; <b>Jaroch, Tomasz</b> ; <b>Nowakowski, Robert</b>	Luminophore from forgotten dye: di(Alkylthiophene) derivative of benzo[h]benz[5,6]acridino[2,1,9,8-klmna]acridine	2017, 232, 117-122	<a href="https://doi.org/10.1016/j.syntlunet.2017.08.002">10.1016/j.syntlunet.2017.08.002</a>	2,435	30
PHYSICAL REVIEW E	Abraham, D. B.; <b>Maciolek, A.</b> ; Squarcini, A.; Vasilyev, O.	Action at a distance in classical uniaxial ferromagnetic arrays	2017, 96 (4), 042154	<a href="https://doi.org/10.1103/PhysRevE.96.042154">10.1103/PhysRevE.96.042154</a>	2,366	35
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY	Ceborska, Magdalena; Zimnicka, Magdalena; Kowalska, Aneta Aniela; Dabrowa, Kajetan; Repec, Barbara	Structural diversity in the host-guest complexes of the antifolate pemetrexed with native cyclodextrins: gas phase, solution and solid state studies	2017, 13, 2252-2263	<a href="https://doi.org/10.3762/bjoc.13.222">10.3762/bjoc.13.222</a>	2,337	30
STEROIDS	Gorecki, Marcin; Dzedzic, Alicja; <b>Luboradzki, Roman</b> ; Ostaszewska, Anna; Frelek, Jadwiga; Szczepek, Wojciech J.	Synthesis and comprehensive structural and physicochemical characterization of dutasteride hydrochloride hydrate solvates	2017, 124,72-80	<a href="https://doi.org/10.1016/j.steroids.2017.05.014">10.1016/j.steroids.2017.05.014</a>	2,282	25
Optical Materials	Pietraszkiewicz M., Mech-Piskorz J., Pietraszkiewicz O.	Tetraphenylimidodiphosphinate ligand as potent complexation agent for ternary photoluminescent lanthanide complexes	2017, 74, 183-186	<a href="https://doi.org/10.1016/j.optmat.2017.06.041">10.1016/j.optmat.2017.06.041</a>	2,238	35

JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT	<b>Maciolek, A.</b> ; Vasilyev, O.; Dotsenko, V.; Dietrich, S.	Fluctuation induced forces in critical films with disorder at their surfaces	2017, no. 113203	<a href="https://doi.org/10.1088/1742-5468/aa95f3">10.1088/1742-5468/aa95f3</a>	2,196	35
TETRAHEDRON - ASYMMETRY	P. Borowiecki, I. Justyniak, Z. Ochal	Lipase – catalyzed kinetic resolution approach toward enantiomerically enriched 1 – ( $\beta$ -hydroxypropylpropyl)indoles	<b>2017</b> , 28, 1717-1732	<a href="https://doi.org/10.1016/j.tetasy.2017.10.010">10.1016/j.tetasy.2017.10.010</a>	2,126	25
SOLID STATE SCIENCES	Miodynska, Magdalena; Bajorowicz, Beata; Mazierski, Pawel; <b>Lisowski, Wojciech</b> ; Klimczuk, Tomasz; Winiarski, Michal Jerzy; Zaleska-Medynska, Adriana; Nadolna, Joanna	Preparation and photocatalytic properties of BaZrO <sub>3</sub> and SrZrO <sub>3</sub> modified with Cu <sub>2</sub> O/Bi <sub>2</sub> O <sub>3</sub> quantum dots	2017, 74, 13-23	<a href="https://doi.org/10.1016/j.solidstatesciences.2017.10.003">10.1016/j.solidstatesciences.2017.10.003</a>	1,811	25
JOURNAL OF MOLECULAR STRUCTURE	<b>Danylyuk, Oksana</b> ; <b>Butkiewicz, Helena</b> ; Coleman, Anthony W.; Suwinska, Kinga	Host-guest complexes of local anesthetics with cucurbit[6]uril and para-sulphonatocalix[8]arene in the solid state	2017, 1150, 28-36	<a href="https://doi.org/10.1016/j.molstruc.2017.08.030">10.1016/j.molstruc.2017.08.030</a>	1,753	20
SOLID STATE COMMUNICATIONS	<b>Kuzovnikov, M. A.</b> ; Eremets, M. I.; Drozdov, A. P.; <b>Tkacz, M.</b>	Pressure-induced metallization in Erbium trihydride	2017, 263, 23-26	<a href="https://doi.org/10.1016/j.ssc.2017.07.004">10.1016/j.ssc.2017.07.004</a>	1,554	30
EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS	Mesarec, L.; Gozdz, W.; Kralj, .; ; Fosnaric, M.; Penic, S.; Kralj-Iglic, V.; Iglic, A.	On the role of external force of actin filaments in the formation of tubular protrusions of closed membrane shapes with anisotropic membrane components	2017, 46 (8), 705-718	<a href="https://doi.org/10.1007/s00249-017-1212-z">10.1007/s00249-017-1212-z</a>	1,472	20

SURFACE AND INTERFACE ANALYSIS	<b>Lesiak, B.</b> ; Zemek, J.; Jiricek, P.; Malolepszy, A.; Stobinski, L.	Influence of the preparation conditions of Pd-ZrO <sub>2</sub> and AuPd-ZrO <sub>2</sub> nanoparticle-decorated functionalised MWCNTs: Electron spectroscopy study aided with the QUASES	2017, 49 (11), 1124-1134	<a href="https://doi.org/10.1002/sia.6290">10.1002/sia.6290</a>	1,132	20
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	Blachucki, Wojciech; Szlachetko, Jakub; Kayser, Yves; Dousse, Jean-Claude; Hoszowska, Joanna; Zeeshan, Faisal; <b>Sa, Jacinto</b>	In situ high energy resolution off-resonant spectroscopy applied to a time-resolved study of single site Ta catalyst during oxidation	2017, 411, 63-67	<a href="https://doi.org/10.1016/j.nimb.2016.11.029">10.1016/j.nimb.2016.11.029</a>	1,109	25
AIMS Materials Science	E. Kowalewski, M. Zienkiewicz-Machnik, D. Lisovytskiy, K. Nikiforov, K. Matus, A. Śrębowata, J. Sá	Turbostratic carbon supported palladium as an efficient catalyst for reductive purification of water from trichloroethylene	2017, 4, 1276 - 1288	<a href="https://doi.org/10.3934/materci.2017.6.1276">10.3934/materci.2017.6.1276</a>	0	0
ENERGY PROCEDIA	Mateusz Wlazlo, Alexandra Siklitskaya, Jacek A. Majewski	Ab initio studies of carbon dioxide affinity to carbon compounds and minerals	2017, 125, 450-456	<a href="https://doi.org/10.1016/j.egypro.2017.08.152">10.1016/j.egypro.2017.08.152</a>	0	0
EPJ Web of Conferences	Starukhin, A.; Knyukshto, V.; <b>Gorski, A.</b> ; Chernii, V.; Tretyakova, I.; <b>Kijak, M.</b> ; <b>Kowalska, P.</b>	Spectral manifestation of substitution of out-of-plane ligands in metallophthalocyanines : 25th Congress on Spectroscopy OCT 03-07, 2016 Troitsk, RUSSIA	2017, 132, 03044	<a href="https://doi.org/10.1051/epjconf/201713203044">10.1051/epjconf/201713203044</a>	0	0

EPJ Web of Conferences	Starukhin, A.; Knyukshto, V.; Plavskii, V.; <b>Gorski, A.</b> ; <b>Solarski, J.</b>	Wavelength dependence of the efficiency of singlet oxygen generation upon photoexcitation of photosensitizers : 25th Congress on Spectroscopy OCT 03-07, 2016 Troitsk, RUSSIA	2017, 132, 02019	<a href="https://doi.org/10.1051/epiconf/201713202019">10.1051/epiconf/201713202019</a>	0	0
JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	Olszewski, Stanisław	Equivalence of the Joule-Lenz and Quantum-Mechanical Emission Intensity of the Oscillator Gives the Planck Constant $\hbar$ Equal Approximately to a Function of the Elementary Charge $e$ and Light Velocity $c$	2017, 14 (8), 3662-3664	<a href="https://doi.org/10.1166/jctn.2017.7006">10.1166/jctn.2017.7006</a>	0	0
JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	Olszewski, Stanisław	Time intervals of the electron transitions and intensity spectrum of the hydrogen atom	2017, 14 (8), 4086-4099	<a href="https://doi.org/10.1166/jctn.2017.6791">10.1166/jctn.2017.6791</a>	0	0
JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	Olszewski, Stanisław	Microstructure properties of electron particle entering the maxwell equation for the quanta of magnetic field	2017, 14 (8), 3646-3652	<a href="https://doi.org/10.1166/jctn.2017.7004">10.1166/jctn.2017.7004</a>	0	0
JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	Olszewski, Stanisław	Number of electron carriers associated with quanta of energy emission in the hydrogen atom	2017, 14 (8), 3657-3661	<a href="https://doi.org/10.1166/jctn.2017.7005">10.1166/jctn.2017.7005</a>	0	0

JOURNAL OF MODERN PHYSICS	Olszewski, Stanisław	Circular Scale of Time and Construction of the Schrödinger Perturbation Series for Energy Made Simple	2017, 8, 1650- 1684	<a href="https://doi.org/10.4236/jmp.2017.89098">10.4236/jmp.2017.89098</a>	0	0
JOURNAL OF MODERN PHYSICS	Olszewski, Stanisław	Quanta of the Phase-Space Areas Given by Intervals of Energy and Time Associated with Electron Transitions	2017, 8, 1158- 1174	<a href="https://doi.org/10.4236/jmp.2017.88077">10.4236/jmp.2017.88077</a>	0	0
Journal of Physics Conference Series	Mesarec, L.; <b>Goźdz, W.</b> ; Iglıc, A.; Kralj, S.	Impact of curvature on topological defects : INERA WORKSHOP 2016: MEMBRANE AND LIQUID CRYSTAL NANOSTRUCTURES (MELINA 2016)	2017, 780, UNSP 012015	<a href="https://doi.org/10.1088/1742-6596/780/1/012015">10.1088/1742-6596/780/1/012015</a>	0	0
MOLECULAR CATALYSIS	Golabiewska, Anna; <b>Lisowski,</b> <b>Wojciech</b> ; Jarek, Marcin; Nowaczyk, Grzegorz; Michalska, Monika; Jurga, Stefan; Zaleska- Medynska, Adriana	The effect of metals content on the photocatalytic activity of TiO2 modified by Pt/Au bimetallic nanoparticles prepared by sol-gel method	2017, 442, 154- 163	<a href="https://doi.org/10.1016/j.mcat.2017.09.004">10.1016/j.mcat.2017.09.004</a>	0	0
Procedia Technology	Dominik M., Roźniecka E., Wachnicki Ł., Niedziółka- Jönsson J., Godlewski M., Bock W.J., Śmietana M.	Biofunctionalization effectiveness of titanium oxide thin films obtained with physical and chemical vapour deposition methods for optical label-free biosensing applications	2017, 27, 232- 233	<a href="https://doi.org/10.1016/j.protcy.2017.04.098">10.1016/j.protcy.2017.04.098</a>	0	0

Proceedings of SPIE	Czarnecka K. H., Dominik M., Janczuk-Richter M., Niedziółka- Jönsson J., Bock W. J., Smietana M.	Specific detection of very low concentrations of DNA oligonucleotides with DNA- coated long-period grating biosensor	2017, 10323, UNSP 1032313	<a href="https://doi.org/10.1117/12.2267411">10.1117/12.2267411</a>	0	0
Proceedings of SPIE	Stepien, W; Szczepanek, J; <b>Kardas, T;</b> <b>Nejbauer, M;</b> Radzewicz, Cz.; <b>Stepanenko, Y.</b>	Study on parameters of fiber loop mirrors as artificial saturable absorbers	2017, 10094, UNSP 100941N	<a href="https://doi.org/10.1117/12.2250105">10.1117/12.2250105</a>	0	0
Proceedings of SPIE	Rapolu, M; Dolezyczek, H; Tamborski, S; Malinowska, M; Wilczynski, G; Szkulmowski, M; Wojtkowski, M.	Bessel Beam OCM for analysis of Global Ischemia in Mouse Brain	2017, 10416, UNSP 1041609	<a href="https://doi.org/10.1117/12.2287740">10.1117/12.2287740</a>	0	0
SOLAR RRL	<b>Obraztsov,</b> <b>levgen; Kutner,</b> <b>Włodzimierz;</b> D'Souza, Francis	Evolution of Molecular Design of Porphyrin Chromophores for Photovoltaic Materials of Superior Light-to-Electricity Conversion Efficiency	2017, 1 (1), 1600002	<a href="https://doi.org/10.1002/solr.201600002">10.1002/solr.201600002</a>	0	0
SUSTAINABLE ENERGY & FUELS	M. V. Pavliuk, A.M. Cieślak, M. Abdellah, A. Budinská, S. Pullen, K. Sokołowski, D.L.A. Fernandes, J. Szlachetko, E.L. Bastos, S. Ott, L. Hammarström, T. Edvinsson, J. Lewiński, J. Sá	Hydrogen Evolution with Nanoengineered ZnO Interfaces Decorated by a Beetroot Extract and a Hydrogenase Mimic	<b>2017</b> , 1, 69–73	<a href="https://doi.org/10.1039/C6SE00066E">10.1039/C6SE00066E</a>	0	0



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SYNTHESIS & CATALYSIS	C. Paun, E. Lewin, J. Sá	Continuous-flow hydrogenation of D-xylose with bimetallic ruthenium catalysts on micrometric alumina	2017, 2, 1-5	<a href="#">brak</a>	0	0
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