

Tytuł czasopisma	Autorzy	Tytuł publikacji	Rok/tom/strony	DOI	IF	Punkty MNISW
ACS APPLIED MATERIALS & INTERFACES	Paczesny, Jan; Wolska-Pietkiewicz, Malgorzata; Binkiewicz, Ilona; Wadowska, Monika; Wrobel, Zbigniew; Matula, Kinga; Nogala, Wojciech; Lewinski, Janusz; Holyst, Robert	Photoactive Langmuir-Blodgett, Freely Suspended and Free Standing Films of Carboxylate Ligand-Coated ZnO Nanocrystals	2016, 8 (21), 13532-13541	10.1021/acsami.6b03579	7,145	40
ACS APPLIED MATERIALS & INTERFACES	Scheler, Ott; Kaminski, Tomasz S.; Ruszczak, Artur; Garstecki, Piotr;	Dodecylresorufin (C12R) Outperforms Resorufin in Microdroplet Bacterial Assays	2016, 8 (18), 11318-11325	10.1021/acsami.6b02360	7,145	40
ADVANCED FUNCTIONAL MATERIALS	Ehrlich, Hermann; Motylenko, Mykhailo; Sundareshwar, Pallaoor V.; Ereskovsky, Alexander; Zglobicka, Izabela; Noga, Teresa; Plocinski, Tomasz; Tsurkan, Mikhail V.; Wyroba, Elzbieta; Suski, Szymon; Bilski, Henryk; Wysokowski, Marcin; Stoecker, Hartmut; Makarova, Anna; Vyalikh, Denis; Walter, Juliane; Molodtsov, Serguei L.; Bazhenov, Vasilii V.; Petrenko, Iaroslav; Langer, Enrico; Richter, Andreas; Niederschlag, Elke; Pisarek, Marcin; Springer, Armin; Gelinsky, Michael; Rafaja, David; Witkowski, Andrzej; Meyer, Dirk C.; Jesionowski, Teofil; Kurzydowski, Krzysztof J.	Multiphase Biomineralization: Enigmatic Invasive Siliceous Diatoms Produce Crystalline Calcite	2016, 26 (15), 2503-2510	10.1002/adfm.201504891	11,382	45
ADVANCED SYNTHESIS & CATALYSIS	Keeri, Abdul Raheem; Justyniak, Iwona; Jurczak, Janusz; Lewinski, Janusz	Quest for Efficient Catalysts based on Zinc tert-Butyl Peroxides for Asymmetric Epoxidation of Enones: C-2- vs C-1-Symmetric Auxiliaries	2016, 358 (6), 864-868	10.1002/adsc.201500764	6,453	45

ADVANCES IN CONDENSED MATTER PHYSICS	Kuchuk, A. V.; Borowicz, P. ; Wzorek, M.; Borysiewicz, M.; Ratajczak, R.; Golaszewska, K.; Kaminska, E.; Kladko, V.; Piotrowska, A.	Ni-Based Ohmic Contacts to n- Type 4H-SiC: The Formation Mechanism and Thermal Stability	2016, art.no. 9273702	10.1155/2016/9273702	0,932	15
ANALYTICAL AND BIOANALYTICAL CHEMISTRY	Kaminska, Agnieszka ; Witkowska, Evelin ; Kowalska, Aneta ; Skoczynska, Anna; Gawryszewska, Iwona; Guziejewicz, Elzbieta; Snigurenko, Dymitr; Waluk, Jacek	Highly efficient SERS-based detection of cerebrospinal fluid neopterin as a diagnostic marker of bacterial infection	2016, 408 (16), 4319-4327	10.1007/s00216-016-9535-7	3,125	35
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
APPLIED SURFACE SCIENCE	Jablonski, A.	Surface sensitivity of elastic peak electron spectroscopy	2016, 378, 87-101	10.1016/j.apsusc.2016.03.176	3,15	35
ARCHIVES OF METALLURGY AND MATERIALS	Roguska, A. ; Belcarz, A.; Sucheckki, P.; Andrzejczuk, M.; Lewandowska, M.	ANTIBACTERIAL COMPOSITE LAYERS ON Ti: ROLE OF ZNO NANOPARTICLES	2016, 61 (1), 213- 216	10.1515/amm-2016-0039	0	30
ATMOSPHERIC CHEMISTRY AND PHYSICS	Shalamzari, Mohammad Safi; Vermeylen, Reinhilde; Blockhuys, Frank; Kleindienst, Tadeusz E.; Lewandowski, Michael; Szmigielski, Rafal ; Rudzinski, Krzysztof J. ; Spolnik, Grzegorz; Danikiewicz, Witold; Maenhaut, Willy; Claeys, Magda	Characterization of polar organosulfates in secondary organic aerosol from the unsaturated aldehydes 2-E- pentenal, 2-E-hexenal, and 3-Z- hexenal	2016, 16 (11), 7135- 7148	10.5194/acp-16-7135-2016	5,114	45

ATMOSPHERIC ENVIRONMENT	Rudzinski, Krzysztof J.; Szmigielski, Rafal; Kuznietsova, Inna; Wach, Paulina; Staszek, Dorota	Aqueous-phase story of isoprene - A mini-review and reaction with HONO	2016, 130, 163-171	10.1016/j.atmosenv.2015.112.027	3,459	35
ATMOSPHERIC ENVIRONMENT	Szmigielski, Rafal	Evidence for C-5 organosulfur secondary organic aerosol components from in-cloud processing of isoprene: Role of reactive SO ₄ and SO ₃ radicals	2016, 130, 14-22	10.1016/j.atmosenv.2015.10.072	3,459	35
BIOPHYSICAL JOURNAL	Czapla-Masztafiak, Joanna; Szlachetko, Jakub; Milne, Christopher J.; Lipiec, Ewelina; Sa, Jacinto ; Penfold, Thomas J.; Huthwelker, Thomas; Borca, Camelia; Abela, Rafael; Kwiatek, Wojciech M.	Investigating DNA Radiation Damage Using X-Ray Absorption Spectroscopy	2016, 110 (6), 1304-1311	10.1016/j.bpj.2016.01.031	3,632	35
CATALYSIS TODAY	Kryca, J.; Jodlowski, P. J.; Iwaniszyn, M.; Gil, B.; Sitarz, M.; Kolodziej, A.; Lojewska, T. ; Lojewska, J.	Cu SSZ-13 zeolite catalyst on metallic foam support for SCR of NO _x with ammonia: Catalyst layering and characterisation of active sites	2016, 268, 142-149	10.1016/j.cattod.2015.12.018	4,312	35
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
CHEMICAL COMMUNICATIONS	Sashuk, Volodymyr ; Butkiewicz, Helena ; Fialkowski, Marcin ; Danylyuk, Oksana	TI Triggering autocatalytic reaction by host-guest interactions	2016, 52 (22), 4191-4194	10.1039/c5cc10063a	6,567	40
CHEMICAL PHYSICS LETTERS	Ceborska, Magdalena	Structural investigation of the beta-cyclodextrin complexes with linalool and isopinocampheol - Influence of monoterpenes cyclicity on the host-guest stoichiometry	2016, 651, 192-197	10.1016/j.cplett.2016.03.051	1,86	25

CHEMISTRY-A EUROPEAN JOURNAL	Sashuk, Volodymyr; Danylyuk, Oksana	A Thermo- and Photo-Switchable Ruthenium Initiator For Olefin Metathesis	2016, 22 (19), 6528-6531	10.1002/chem.201600776	5,771	40
CHEMPHYSICHEM	Lapok, Lukasz; Obloza, Magdalena; Gorski, Alexandr; Knyuksho, Valeri; Raichyonok, Tamara; Waluk, Jacek; Nowakowska, Maria	Near Infrared Phosphorescent, Non-oxidizable Palladium and Platinum Perfluoro-phthalocyanines	2016, 17 (8), 1123-1135	10.1002/cphc.201600079	3,138	35
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
CONDENSED MATTER PHYSICS	Goźdz, W. T.; Ciach, A.	Critical point calculation for binary mixtures of symmetric non-additive hard disks	2016, 19 (1), art. No. 13002	10.5488/CMP.19.13002	0,621	15
CURRENT ORGANIC CHEMISTRY	Zhou, Shengju; Trochimczyk, Piotr; Sun, Lili; Hou, Sen; Li, Hongguang	Sugar-Functionalized Fullerenes	2016, 20 (14), 1490-1501	10.2174/1385272820666151207194235	1,949	30
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
JOURNAL OF ALLOYS AND COMPOUNDS	Abramov, S. N.; Antonov, V. E.; Bulychev, B. M.; Fedotov, V. K.; Kulakov, V. I.; Matveev, D. V.; Sholin, I. A.; Tkacz, M.	T-P phase diagram of the Mo-H system revisited	2016, 672, 623-629	10.1016/j.jallcom.2016.02.209	3,014	35

JOURNAL OF COORDINATION CHEMISTRY	Karami, Kazem; Hosseini-Kharat, Mahboubeh; Shirani-Sarmazeh, Zahra; Zahedi-Nasab, Reza; Rizzoli, Corrado; Lipkowski, Janusz	NC Palladacycles and C,C-chelating phosphorus ylides complexes: synthesis, X-ray characterization, and comparison of the catalytic activity in the Suzuki-Miyaura reaction	2016, 69 (5), 763-778	10.1080/00958972.2016.1151876	1,756	25
JOURNAL OF MATERIALS CHEMISTRY B	Dolinska, Joanna ; Chidambaram, Arunraj; Adamkiewicz, Witold ; Estili, Mehdi; Lisowski, Wojciech ; Iwan, Michalina ; Palys, Barbara; Sudholter, Ernst J. R.; Marken, Frank; Opallo, Marcin ; Rassaei, Liza	Synthesis and characterization of porous carbon-MoS ₂ nanohybrid materials: electrocatalytic performance towards selected biomolecules	2016, 4 (8), 1448-1457	10.1039/c5tb02175h	4,872	35
JOURNAL OF PHYSICS-CONDENSED MATTER	Ciach, A. ; Goźdz, W. T.	Density functional theory for systems with mesoscopic inhomogeneities	2016, 28 (24), art. No. 244004	10.1088/0953-8984/28/24/244004	2,209	30
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES	Gorski, Alexandr ; Lesniewska, Barbara ; Orzanowska, Grazyna ; Waluk, Jacek	Influence of alkyl substituents in corphycene on geometry, electronic structure, hydrogen bonding, and tautomerization	2016, 20, 367-377	10.1142/S1088424616500140	1,087	25
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

LANGMUIR	Pieta, Piotr; Majewska, Marta; Su, Zhangfei; Grossutti, Michael; Wladyka, Benedykt; Piejko, Marcin; Lipkowski, Jacek; Mak, Pawel	Physicochemical Studies on Orientation and Conformation of a New Bacteriocin BacSp222 in a Planar Phospholipid Bilayer	2016, 32 (22), 5653-5662	10.1021/acs.langmuir.5b04741	3,993	35
METHODS AND APPLICATIONS IN FLUORESCENCE	Kelm, Anna; Waluk, Jacek	Simulations of fluorescence enhancement and emission profile changes in porphyrin attached to gold-silica core-shell nanoparticles	2016, 4 (1), AR UNSP 014002	10.1088/2050-6120/4/1/014002	2,429	0
NANOSCALE	Olejko, L.; Cywinski, P. J. ; Bald, I.	An ion-controlled four-color fluorescent telomeric switch on DNA origami structures	2016, 8 (19), 10339-10347	10.1039/c6nr00119j	7,76	40
OPTICS EXPRESS	de Reguardati, Sophie; Pahapill, Juri; Mikhailov, Alexander; Stepanenko, Yuriy; Rebane, Aleksander	High-accuracy reference standards for two-photon absorption in the 680-1050 nm wavelength range	2016, 24 (8), 9053-9066	10.1364/OE.24.009053	3,148	40
OPTICS LETTERS	Nejbauer, Michal; Kardas, Tomasz M.; Stepanenko, Yuriy; Radzewicz, Czeslaw;	Spectral compression of femtosecond pulses using chirped volume Bragg gratings	2016, 41 (11), 2394-2397	10.1364/OL.41.002394	3,04	35
PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Gabka, Grzegorz; Bujak, Piotr; Zukrowski, Jan; Zabost, Damian; Kotwica, Kamil; Malinowska, Karolina; Ostrowski, Andrzej; Wielgus, Ireneusz; Lisowski, Wojciech; Sobczak, Janusz W.; Przybylski, Marek; Pron, Adam	Non-injection synthesis of monodisperse Cu-Fe-S nanocrystals and their size dependent properties	2016, 18 (22), 15091-15101	10.1039/C6CP01887D	4,449	35
PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Hidalgo-Acosta, Jonnathan C.; Scanlon, Micheal D.; Mendez, Manuel A.; Amstutz, Veronique; Vrubel, Heron; Opallo, Marcin; Girault, Hubert H.	Boosting water oxidation layer-by-layer	2016, 18 (13), 9295-9304	10.1039/c5cp06890h	4,449	35
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

REACTION KINETICS MECHANISMS AND CATALYSIS	Kawczynski, Andrzej L.; Nowakowski, Bogdan	New type of the source of travelling impulses in two-variable model of reaction-diffusion system	VL2016, 118 (1), 115-127	10.1007/s11144-016-0997-6	1,265	15
SCIENTIFIC REPORTS	Meiling, Till T.; Cywinski, Piotr ; J.; Bald, Ilko	White carbon: Fluorescent carbon nanoparticles with tunable quantum yield in a reproducible green synthesis	2016, 6, 28557-28557	10.1038/srep28557	5,228	40
SCIENTIFIC REPORTS	Mesarec, Luka; Gozdz, Wojciech ; Igljic, Ales; Kralj, Samo	Effective Topological Charge Cancelation Mechanism	2016, 6, art. No. 27117	10.1038/srep27117	5,228	40
SCIENTIFIC REPORTS	Zarzycki, Piotr ; Gilbert, Benjamin	Long-Range Interactions Restrict Water Transport in Pyrophyllite Interlayers	2016, 6, art. No. 25278	10.1038/srep25278	5,228	40
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
THIN SOLID FILMS	Przedziecka, E.; Stachowicz, M.; Lisowski, W. ; Guzewicz, E.; Sobczak, J. W. ; Jakiela, R.; Jablonski, A. ; Jarosz, D.; Kozanecki, A.	The chemical states of As 3d in highly doped ZnO grown by Molecular Beam Epitaxy and annealed in different atmospheres	2016, 605, 283-288	10.1016/j.tsf.2015.09.016	1,761	30
TOXICOLOGY AND APPLIED PHARMACOLOGY	Dubiak-Szepietowska, Monika; Karczmarczyk, Aleksandra; Joensson-Niedziolka, Martin; Winckler, Thomas; Feller, Karl-Heinz	Development of complex-shaped liver multicellular spheroids as a human-based model for nanoparticle toxicity assessment in vitro	2016, 294, 78-85	10.1016/j.taap.2016.01.016	3,847	40