

	Czasopismo	Autorzy	Tytuł	Rok, tom, strony	IF	DOI
1	MICROSCOPY RESEARCH AND TECHNIQUE	Andrzejczuk, Mariusz; Rasinski, Marcin; Roguska, Agata; Pisarek, Marcin; Lewandowska, Malgorzata	An electron microscopy three-dimensional characterization of titania nanotubes	2019, 82, 173-177	1,087	10.1002/jemt.23093
2	CARBOHYDRATE POLYMERS	Asztemborska, Monika; Ceborska, Magdalena; Pietrzak, Mariusz	Complexation of tropane alkaloids by cyclodextrins	2019, 209, 74-81	5,158	10.1016/j.carbpol.2019.01.011
3	CHEMICAL ENGINEERING SCIENCE	Cerdan, Kenneth; Ouyang, Weiyi; Colmenares, Juan C.; Munoz-Batista, Mario J.; Luque, Rafael; Balu, Alina M,	Facile mechanochemical modification of g-C3N4 for selective photo-oxidation of benzyl alcohol	2019, 194, 78-84	3,306	10.1016/j.ces.2018.04.001
4	CURRENT OPINION IN GREEN AND SUSTAINABLE C	Colmenares, Juan Carlos	Selective redox photocatalysis: Is there any chance for solar bio-refineries?	2019, 15, 38-46	0	10.1016/j.cogsc.2018.08.008
5	SEMINARS IN OPHTHALMOLOGY	Consejo, Alejandra; Melcer, Tomasz; Rozema, Jos J,	Introduction to Machine Learning for Ophthalmologists	2019, 34, 19-41	1,534	10.1080/08820538.2018.1551496
6	BIOFABRICATION	Costantini, Marco; Colosi, Cristina; Swieszkowski, Wojciech; Barbeta, Andrea	Co-axial wet-spinning in 3D bioprinting: state of the art and future perspective of microfluidic integration	2019, 11	6,838	10.1088/1758-5090/aae605
7	JOURNAL OF PHYSICAL CHEMISTRY C	Cruz, Carolina; Ciach, Alina; Lomba, Enrique; Kondrat, Svyatoslav	Electrical Double Layers Close to Ionic Liquid-Solvent Demixing	2019, 123, 1596-1601	4,484	10.1021/acs.jpcc.8b09772
8	SENSORS AND ACTUATORS B-CHEMICAL	Czekalska, Magdalena A.; Kaminski, Tomasz S.;; Makuch, Karol; Garstecki, Piotr	Passive and parallel microfluidic formation of droplet interface bilayers (DIBs) for measurement of leakage of small molecules through artificial phospholipid membranes	2019, 286, 258-265	5,667	10.1016/j.snb.2019.01.143
9	ACS APPLIED MATERIALS & INTERFACES	Dabrowski, Marcin; Ziminska, Agnieszka; Kalecki, Jakub; Cieplak, Maciej; Lisowski, Wojciech; Maksym, Radoslaw; Shao, Shuai; D'Souza, Francis; Kuhn, Alexander; Sharma, Piyush S,	Facile Fabrication of Surface-Imprinted Macroporous Films for Chemosensing of Human Chorionic Gonadotropin Hormone	2019, 11, 9265-9276	8,097	10.1021/acsami.8b17951
10	COGENT ENGINEERING	Fernando Colmenares-Quintero, Ramon; David Goez-Sanchez, German; Colmenares-Quintero, Juan Carlos	Trajectory optimization of an innovative-turbofan-powered aircraft based on particle swarm approach for low environmental impact	2019, 6	0	10.1080/23311916.2019.1575637
11	JOURNAL OF PHYSICAL CHEMISTRY C	Gacka, Ewelina; Wojcik, Aleksandra; Mazurkiewicz-Pawlicka, Marta; Malolepszy, Artur; Stobinski, Leszek; Kubas, Adam; Hug, Gordon L.; Marciniak, Bronislaw; Lewandowska-Andralojc, Anna	Noncovalent Porphyrin-Graphene Oxide Nanohybrids: The pH-Dependent Behavior	2019, 123, 3368-3380	4,484	10.1021/acs.jpcc.8b11374
12	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH P H,	Grzechkowicz, A.; Gruszczynska-Biegala, J.; Czeredys, M.; Kwiatkowska, A.; Strawski, M.;; Szklarczyk, M.;; Kozbial, M.; Kuznicki, J.;; Granicka, L,	Polyelectrolyte membrane scaffold sustains growth of neuronal cells	2019, 107, 839-850	3,231	10.1002/jbm.a.36599
13	ELECTROCHEMISTRY COMMUNICATIONS	Holdynski, Marcin; Dolinska, Joanna; Opallo, Marcin	Electrochemical behaviour of suspended redox-tagged carbon nanotubes at a rotating disc electrode	2019, 99, 32-35	4,66	10.1016/j.elecom.2018.12.014
14	CATALYSTS	Hurtado, Beatriz; Posadillo, Alejandro; Luna, Diego; Bautista, Felipa M.;; Hidalgo, Jose M.; Luna, Carlos; Calero, Juan; Romero, Antonio A.; Estevez, Rafael	Synthesis, Performance and Emission Quality Assessment of Ecodiesel from Castor Oil in Diesel/Biofuel/Alcohol Triple Blends in a Diesel Engine	2019, 9	3,465	10.3390/catal9010040

15	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY A, M,;	Ilieva, L.; Petrova, P.; Pantaleo, G.; Zanella, R.; Sobczak, J, W.; Lisowski, W.; Kaszkur, Z.; Munteanu, G.; Yordanova, I.; Liotta, L, F.; Venezia, A, M.; Tabakova, T,	Alumina supported Au/Y-doped ceria catalysts for pure hydrogen production via PROX	2019, 44, 233-245	4,229	10.1016/j.ijhydene.2018.03.005
16	COMPUTER PHYSICS COMMUNICATIONS	Jablonski, A,	The Chandrasekhar function for modeling photoelectron transport in solids	2019, 235, 489-501	3,748	10.1016/j.cpc.2018.07.005
17	ELECTROCHEMISTRY COMMUNICATIONS	Janczuk-Richter, Marta; Marinovic, Iva; Niedziolka- Jonsson, Joanna; Szot-Karpinska, Katarzyna	Recent applications of bacteriophage-based electrodes: A mini-review	2019, 99, 11-15	4,66	10.1016/j.elecom.2018.12.011
18	SENSORS AND ACTUATORS B-CHEMICAL	Janczuk-Richter, Marta; Piestrzynska, Monika; Burnat, Dariusz; Sezemsky, Petr; Stranak, Viteroslav; Bock, Wojtek J.; Bogdanowicz, Robert; Niedziolka- Jonsson, Joanna; Smietana, Mateusz	Optical investigations of electrochemical processes using a long-period fiber grating functionalized by indium tin oxide	2019, 279, 223-229	5,667	10.1016/j.snb.2018.10.001
19	MICROCHIMICA ACTA	Khan, Faria; Akhtar, Naeem; Jalal, Nasir; Hussain, Irshad; Szmigielski, Rafal; Hayat, Muhammad Qasim; Ahmad, Hafiz B.; El-Said, Waleed A.; Yang, Minghui; Janjua, Hussnain Ahmed	Carbon-dot wrapped ZnO nanoparticle-based photoelectrochemical sensor for selective monitoring of H2O2 released from cancer cells	2019, 186	5,705	10.1007/s00604-019-3227-x
20	CHAOS	Koyano, Yuki; Kitahata, Hiroyuki; Gryciuk, Marian; Akulich, Nadejda; Gorecka, Agnieszka; Malecki, Maciej; Gorecki, Jerzy	Bifurcation in the angular velocity of a circular disk propelled by symmetrically distributed camphor pills	2019, 29	2,415	10.1063/1.5061027
21	JOURNAL OF MATERIALS CHEMISTRY A	Kubicki, Dominik J.; Prochowicz, Daniel; Pinon, Arthur; Stevanato, Gabriele; Hofstetter, Albert; Zakeeruddin, Shaik M.; Gratzel, Michael; Emsley, Lyndon	Doping and phase segregation in Mn2+- and Co2+-doped lead halide perovskites from Cs-133 and H-1 NMR relaxation enhancement	2019, 7, 2326-2333	9,931	10.1039/c8ta11457a
22	SCIENTIFIC REPORTS	Kuzmak, Andrii; Carmali, Sheiliza; von Lieres, Eric; Russell, Alan J.; Kondrat, Svyatoslav	Can enzyme proximity accelerate cascade reactions?	2019, 9	4,122	10.1038/s41598-018-37034-3
23	JOURNAL OF PHYSICAL CHEMISTRY C	Kuzovnikov, M, A.; Tkacz, M,	T-P-X Phase Diagram of the Water-Hydrogen System at Pressures up to 10 kbar	2019, 123, 3696-3702	4,484	10.1021/acs.jpcc.8b12083
24	ELECTROCHIMICA ACTA	Lepicka, Kamila; Majewska, Marta; Nowakowski, Robert; Kutner, Włodzimierz; Pieta, Piotr	High electrochemical stability of meso-Ni-salen based conducting polymer manifested by potential-driven reversible changes in viscoelastic and nanomechanical properties	2019, 297, 94-100	5,116	10.1016/j.electacta.2018.11.147
25	CRYSTAL GROWTH & DESIGN	Lesniewska, Barbara; Coleman, Anthony W.; Perret, Florent; Suwinska, Kinga	Tuning Solid-State Calix[n]arene Supramolecular Assemblies Using Phenanthroline as the Guest Molecule Published as part of the Crystal Growth and Design Israel Goldberg Memorial virtual special issue	2019, 19, 1695-1708	3,972	10.1021/acs.cgd.8b01629
26	ADVANCED FUNCTIONAL MATERIALS	Maciejczyk, Michal R.; Zhang, Shuyu; Hedley, Gordon J.; Robertson, Neil; Samuel, Ifor D, W.;; Pietraszkiewicz, Marek	Monothiatruxene-Based, Solution-Processed Green, Sky-Blue, and Deep-Blue Organic Light- Emitting Diodes with Efficiencies Beyond 5% Limit	2019, 29	13,325	10.1002/adfm.201807572

27	JOURNAL OF BIOPHOTONICS	Maczynska, Ewa; Karnowski, Karol; Szulzycki, Krzysztof; Malinowska, Monika; Dolezyczek, Hubert; Cichanski, Artur; Wojtkowski, Maciej ; Kaluzny, Bartlomiej; Grulkowski, Ireneusz	Assessment of the influence of viscoelasticity of cornea in animal ex vivo model using air-puff optical coherence tomography and corneal hysteresis	2019, 12	3,768	10.1002/jbio.201800154
28	DALTON TRANSACTIONS	Mazierski, Pawel; Sowik, Jakub; Miodynska, Magdalena; Trykowski, Grzegorz; Mikolajczyk, Alicja; Klimczuk, Tomasz; Lisowski, Wojciech ; Nadolna, Joanna; Zaleska-Medynska, Adriana	Shape-controllable synthesis of GdVO4 photocatalysts and their tunable properties in photocatalytic hydrogen generation	2019, 48, 1662-1671	4,099	10.1039/c8dt04225j
29	APPLIED SURFACE SCIENCE	Mazurkiewicz-Pawlicka, M.; Malolepszy, A.; Mikolajczuk-Zychora, A. ; Mierzwa, B. ; Borodzinski, A. ; Stobinski, L.	A simple method for enhancing the catalytic activity of Pd deposited on carbon nanotubes used in direct formic acid fuel cells	2019, 476, 806-814	4,439	10.1016/j.apsusc.2019.01.114
30	PHYSICAL REVIEW E	Morgado, Gabriel ; Nowakowski, Bogdan; Lemarchand, Annie	Fisher-Kolmogorov-Petrovskii-Piskunov wave front as a sensor of perturbed diffusion in concentrated systems	2019, 99	2,284	10.1103/PhysRevE.99.022205
31	RSC ADVANCES	Nicinski, K. ; Witkowska, E. ; Korsak, D.; Noworyta, K. ; Trzcinska-Danielewicz, J.; Girstun, A.; Kaminska, A.	Photovoltaic cells as a highly efficient system for biomedical and electrochemical surface-enhanced Raman spectroscopy analysis	2019, 9, 576-591	2,936	10.1039/c8ra08319c
32	RESULTS IN PHYSICS	Parnicka, Patrycja; Mazierski, Pawel; Lisowski, Wojciech ; Klimczuk, Tomasz; Nadolna, Joanna; Zaleska-Medynska, Adriana	A new simple approach to prepare rare-earth metals-modified TiO2 nanotube arrays photoactive under visible light: Surface properties and mechanism investigation	2019, 12, 412-423	2,147	10.1016/j.rinp.2018.11.073
33	APPLIED CATALYSIS B-ENVIRONMENTAL	Pieta, Izabela S. ; Rath, Anuj; Pieta, Piotr ; Nowakowski, Robert ; Holdynski, Marcin ; Pisarek, Marcin ; Kaminska, Agnieszka ; Gawande, Manoj B.; Zboril, Radek	Electrocatalytic methanol oxidation over Cu, Ni and bimetallic Cu-Ni nanoparticles supported on graphitic carbon nitride	2019, 244, 272-283	11,698	10.1016/j.apcatb.2018.10.072
34	CHEMISTRY-A EUROPEAN JOURNAL	Pietrzak, Tomasz; Justyniak, Iwona ; Park, Jiwon Victoria; Terlecki, Michal; Kapusniak, Lukasz; Lewinski, Janusz	Reaching Milestones in the Oxygenation Chemistry of Magnesium Alkyls: towards Intimate States of O-2 Activation and the First Monomeric Well-Defined Magnesium Alkylperoxide	2019, 25, 2503-2510	5,16	10.1002/chem.201805180
35	JOURNAL OF MATERIALS CHEMISTRY C	Prochowicz, Daniel ; Tavakoli, Mohammad Mahdi; Solanki, Ankur; Goh, Teck Wee; Sum, Tze Chien; Yadav, Pankaj	Correlation of recombination and open circuit voltage in planar heterojunction perovskite solar cells	2019, 7, 1273-1279	5,976	10.1039/c8tc05837g
36	CATALYSIS SCIENCE & TECHNOLOGY	Sa, Jacinto ; Fernandes, Daniel L, A.; Pavliuk, Mariia V.; Szlachetko, Jakub	Controlling dark catalysis with quasi half-cycle terahertz pulses (vol 7, pg 1050, 2017)	2019, 9, 517-517	5,365	10.1039/c8cy90096e
37	CURRENT OPINION IN BIOTECHNOLOGY	Scheler, Ott ; Postek, Witold ; Garstecki, Piotr	Recent developments of microfluidics as a tool for biotechnology and microbiology	2019, 55, 60-67	8,38	10.1016/j.copbio.2018.08.004
38	LANGMUIR	Serna, Horacio ; Noya, Eva G.; Goetz, W, T.	Assembly of Helical Structures in Systems with Competing Interactions under Cylindrical Confinement	2019, 35, 702-708	3,789	10.1021/acs.langmuir.8b03382
39	APPLIED SURFACE SCIENCE	Sowik, Jakub; Miodynska, Magdalena; Bajorowicz, Beata; Mikolajczyk, Alicja; Lisowski, Wojciech ; Klimczuk, Tomasz; Kaczor, Daniel; Medynska, Adriana; Zaleska, Malankowska, Anna	Optical and photocatalytic properties of rare earth metal-modified ZnO quantum dots	2019, 464, 651-663	4,439	10.1016/j.apsusc.2018.09.104

40	SCIENTIFIC REPORTS	Stepak, Bogusz; Gazinska, Malgorzata; Nejbauer, Michal; Stepanenko, Yuriy ; Antonczak, Arkadiusz	Diverse nature of femtosecond laser ablation of poly(L-lactide) and the influence of filamentation on the polymer crystallization behaviour	2019, 9	4,122	10.1038/s41598-019-39640-1
41	ELECTROCHIMICA ACTA	Stepien, Jan ; di Caprio, Dung; Stafiej, Janusz	3D simulations of the metal passivation process in potentiostatic conditions using discrete lattice gas automaton	2019, 295, 173-180	5,116	10.1016/j.electacta.2018.09.113
42	NEW JOURNAL OF PHYSICS	Sudyka, J., I ; Pustelny, S.; Gawlik, W,	Limitations of rotating-wave approximation in magnetic resonance: characterization and elimination of the Bloch-Siegert shift in magneto-optics	2019, 21	3,579	10.1088/1367-2630/aaf778
43	VACUUM	Tacikowski, M.; Kobus, P.; Kaminski, J.; Kucharska, B.; Kulikowski, K.; Marchlewski, P.; Pisarek, M ,	Structure and properties of composite aluminum oxide layers produced on magnesium alloys using hybrid method	2019, 160, 325-332	2,067	10.1016/j.vacuum.2018.11.044
44	JOURNAL OF PHYSICS D-APPLIED PHYSICS	Tavakoli, Mohammad Mahdi; Yadav, Pankaj; Prochowicz, Daniel ; Tavakoli, Rouhollah; Saliba, Michael	Multilayer evaporation of MAFAPb(3-x)Cl(x) for the fabrication of efficient and large-scale device perovskite solar cells	2019, 52	2,373	10.1088/1361-6463/aaebf1
45	BIOPHYSICAL JOURNAL	Trochimczyk, Piotr; Holyst, Robert	DNA Aggregation Regime - How Divalent Ions and Polymers Can Induce Creation of DNA Nanoparticles	2019, 116, 358A-358A	3,495	10.1016/j.bj.2018.11.1949
46	GEOTHERMICS	Ura-Binczyk, E.; Banas, J.; Mazurkiewicz, B.; Solarski, W.; Lewandowska, M.; Roguska, A. ; Andrzejczuk, M.; Balcer, M.; Kulik, S.; Zarnowiec, P.; Kaca, W,	On-site monitoring and laboratory characterization of corrosion processes in the geothermal water of Polish Lowland	2019, 77, 267-277	2,693	10.1016/j.geothermics.2018.10.002
47	CHEMOSPHERE	Wach, Paulina ; Spolnik, Grzegorz; Rudzinski, Krzysztof J. ; Skotak, Krzysztof; Claeys, Magda; Danikiewicz, Witold; Szmigielski, Rafal	Radical oxidation of methyl vinyl ketone and methacrolein in aqueous droplets: Characterization of organosulfates and atmospheric implications	2019, 214, 1-9	4,427	10.1016/j.chemosphere.2018.09.026
48	JOURNAL OF SYNCHROTRON RADIATION	Wojtaszek, Klaudia; Wach, Anna; Czapl-Masztafiak, Joanna; Tyrala, Krzysztof; Sa, Jacinto ; Ozer, Luetfiye Yildiz; Garlisi, Corrado; Palmisano, Giovanni; Szlachetko, Jakub	The influence of nitrogen doping on the electronic structure of the valence and conduction band in TiO2	2019, 26, 145-151	3,232	10.1107/S1600577518016685
49	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Zhang, Xuzhu; Poniewierski, Andrzej; Sozanski, Krzysztof; Zhou, Ying; Brzozowska-Elliott, Anna; Holyst, Robert	Fluorescence correlation spectroscopy for multiple-site equilibrium binding: a case of doxorubicin-DNA interaction	2019, 21, 1572-1577	3,906	10.1039/c8cp06752j
50	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	Udachyan, Iranna; Vishwanath, R. S. ; Kumara, C. S. Pradeepa; Kandaiah, Sakthiuel	Potential dependent growth of Cu(OH)(2) nanostructures on Cu and their thermal conversion to mixed-valent copper oxides p-type photoelectrode	2019, 44, 7181-7193	4,229	10.1016/j.ijhydene.2019.02.006
51	WETLANDS	Amatya, Devendra M.; Fialkowski, Marcin ; Bitner, Agnieszka	A Daily Water Table Depth Computing Model for Poorly Drained Soils	2019, 39, 39-54	1,811	10.1007/s13157-018-1069-7
52	FUEL	Chellappan, Suchith; Aparna, K.; Chingakhm, Ch.; Sajith, V.; Nair, Vaishakh	Microwave assisted biodiesel production using a novel Bronsted acid catalyst based on nanomagnetic biocomposite	2019, 246, 268-276	4,908	10.1016/j.fuel.2019.02.104
53	TOPICS IN CATALYSIS	Pieta, I. S. ; Cortes-Reyes, M.; Larrubia, M. A.; Alemany, L. J.; Epling, W. S.	Mechanistic Aspect of N2O Formation Over Pt-Ba/-Al2O3 Catalysts	2019, 62, 117-128	2,439	10.1007/s11244-018-1108-x
54	JOURNAL OF POLYMER ENGINEERING	Przybylek, Malgorzata; Bialkows, Anita; Bakar, Mohamed; Kosikowska, Urszula; Szyborski, Tomasz	Effect of aging conditions on the mechanical properties and antimicrobial activity of elastomer nanocomposites	2019, 39, 316-325	0,778	10.1515/polyeng-2018-0342

55	JOURNAL OF RARE EARTHS	Tabakova, Tatyana; Ilieva, Lyuba; Ivanov, Ivan; Manzoli, Maela; Zanella, Rodolfo; Petrova, Petya; Kaszur, Zbigniew	Structure-activity relationship in water-gas shift reaction over gold catalysts supported on Y-doped ceria	2019, 37, 383-392	2,524	10.1016/j.jre.2018.07.008
56	JOURNAL OF PHYSICAL CHEMISTRY C	Bonczak, Bartlomiej; Lisowski, Wojciech; Kaminska, Agnieszka; Holdnski, Marcin; Fialkowski, Marcin	Gold Nanoparticles Functionalized with Fully Conjugated Fullerene C-60 Derivatives as a Material with Exceptional Capability of Absorbing Electrons	2019, 123, 6229-6240	4,484	10.1021/acs.jpcc.8b10842
57	CHEMISTRY OF MATERIALS	Prochowicz, Daniel; Runjhun, Rashmi; Tavakoli, Mohammad Mahdi; Yadav, Pankaj; Saski, Marcin; Alanazi, Anwar Q.; Kubicki, Dominik J.; Kaszur, Zbigniew; Zakeeruddin, Shaik M.; Lewinski, Janusz; Gratzel, Michael	Engineering of Perovskite Materials Based on Formamidinium and Cesium Hybridization for High-Efficiency Solar Cells	2019, 31, 1620-1627	9,89	10.1021/acs.chemmater.8b04871
58	ENERGIES	Biernat, Krzysztof; Bocian, Piotr; Bukrejewski, Pawel; Noworyta, Krzysztof R.	Application of the Impedance Spectroscopy as a New Tool for Studying Biodiesel Fuel Aging Processes	2019, 12	2,676	10.3390/en12040738
59	JOURNAL OF MOLECULAR STRUCTURE	Kolodziej, Beata; Morawiak, Maja; Schilf, Wojciech; Kamienski, Bohdan	Structure investigations of Schiff bases derived from 3-amino-1H-1,2,4-triazole	2019, 1184, 207-218	2,011	10.1016/j.molstruc.2019.02.027
60	SENSORS AND ACTUATORS B-CHEMICAL	Szot-Karpinska, Katarzyna; Lesniewski, Adam; Jonsson-Niedziolka, Martin; Marken, Frank; Niedziolka-Jonsson, Joanna	Electrodes modified with bacteriophages and carbon nanofibres for cysteine detection	2019, 287, 78-85	5,667	10.1016/j.snb.2019.01.148