

	Czasopismo	Autorzy	Tytuł	Rok, tom, strony	IF	DOI
1	NATURE	Drozdov, A. P.; Kong, P. P.; Minkov, V. S.; Besedin, S. P.; Kuzovnikov, M. A.; Mozaffari, S.; Balicas, L.; Balakirev, F. F.; Graf, D. E.; Prakapenka, V. B.; Greenberg, E.; Knyazev, D. A.; Tkacz, M.; Eremets, M. I.	Superconductivity at 250 K in lanthanum hydride under high pressures	2019; 569; 528-+	43,07	10.1038/s41586-019-1201-8
2	ADVANCED ENERGY MATERIALS	Tavakoli, Mohammad Mahdi; Yadav, Pankaj; Prochowicz, Daniel; Sponseller, Melany; Osharov, Anna; Bulovic, Vladimir; Kong, Jing	Controllable Perovskite Crystallization via Antisolvent Technique Using Chloride Additives for Highly Efficient Planar Perovskite Solar Cells	2019; 9; -1803587	24,884	10.1002/aenm.201803587
3	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; -UNSP1807572	15,621	10.1002/adfm.201807572
4	APPLIED CATALYSIS B- ENVIRONMENTAL	Pieta, Izabela S.; Rathi, 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	14,229	10.1016/j.apcatb.2018.10.072
5	ANGEWANDTE CHEMIE- INTERNATIONAL EDITION	Roszak, Rafal; Bajczyk, Michal D.; Gajewska, Ewa P.; Holyst, Robert; Grzybowski, Bartosz A.	Propagation of Oscillating Chemical Signals through Reaction Networks	2019; 58; 4520-4525	12,257	10.1002/anie.201808821
6	NATURE COMMUNICATIONS	Korczyk, Piotr M.; van Steijn, Volkert; Blonski, Slawomir; Zaremba, Damian; Beattie, David A.; Garstecki, Piotr	Accounting for corner flow unifies the understanding of droplet formation in microfluidic channels	2019; 10; -2528	11,878	10.1038/s41467-019-10505-5

7	SMALL	Ostrovidov, Serge; Salehi, Sahar; Costantini, Marco; Suthiwanich, Kasinan; Ebrahimi, Majid; Sadeghian, Ramin Banan; Fujie, Toshinori; Shi, Xuetao; Cannata, Stefano; Gargioli, Cesare; Tamayol, Ali; Dokmeci, Mehmet Remzi; Orive, Gorka; Swieszkowski, Wojciech; Khademhosseini, Ali	3D Bioprinting in Skeletal Muscle Tissue Engineering	2019; 15; -1805530	10,856	10.1002/sml.201805530
8	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 Mn ²⁺ - and Co ²⁺ -doped lead halide perovskites from Cs-133 and H-1 NMR relaxation enhancement	2019; 7; 2326-2333	10,733	10.1039/c8ta11457a
9	CHEMISTRY OF MATERIALS	Prochowicz, Daniel; Runjhun, Rashmi; Tavakoli, Mohammad Mahdi; Yadav, Pankaj; Saski, Marcin; Alanazi, Anwar Q.; Kubicki, Dominik J.; Kaszkur, 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	10,159	10.1021/acs.chemmater.8b04871
10	BIOSENSORS & BIOELECTRONICS	Piestrzynska, Monika; Dominik, Magdalena; Kosiel, Kamil; Janczuk-Richter, Marta; Szot-Karpinska, Katarzyna; Brzozowska, Ewa; Shao, Liyang; Niedziolka-Jonsson, Joanna; Bock, Wojtek J.; Smietana, Mateusz	Ultrasensitive tantalum oxide nano-coated long-period gratings for detection of various biological targets	2019; 133; 8-15	9,518	10.1016/j.bios.2019.03.006

11	GREEN CHEMISTRY	Nair, Vaishakh; Colmenares, Juan Carlos; Lisovytskiy, Dmytro	Ultrasound assisted ZnO coating in a microflow based photoreactor for selective oxidation of benzyl alcohol to benzaldehyde	2019; 21; 1241-1246	9,405	10.1039/c8gc03131b
12	OPTICA	Stremplewski, Patrycjusz; Auksorius, Egidijus; Wnuk, Pawel; Kozon, Lukasz; Garstecki, Piotr; Wojtkowski, Maciej	In vivo volumetric imaging by crosstalk-free full-field OCT	2019; 6; 608-617	9,263	10.1364/OPTICA.6.000608
13	ACS APPLIED MATERIALS & INTERFACES	Andrzejczuk, Mariusz; Roguska, Agata; Pisarek, Marcin; Kedzierzawski, Piotr; Lewandowska, Malgorzata	Effect of Pt Deposits on TiO2 Electrocatalytic Activity Highlighted by Electron Tomography	2019; 11; 18841-18848	8,456	10.1021/acsami.9b03932
14	ACS APPLIED MATERIALS & INTERFACES	Darowski, 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	8,456	10.1021/acsami.8b17951
15	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	8,083	10.1016/j.copbio.2018.08.004
16	CHEMSUSCHEM	Nair, Vaishakh; Munoz-Batista, Mario J.; Fernandez-Garcia, Marcos; Luque, Rafael; Colmenares, Juan Carlos	Thermo-Photocatalysis: Environmental and Energy Applications	2019; 12; 2098-2116	7,804	10.1002/cssc.201900175
17	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	Boeckmann, Hannes; Mueller, Melanie; Hammud, Adnan; Willinger, Marc-Georg; Pszona, Maria; Waluk, Jacek; Wolf, Martin; Kumagai, Takashi	Near-Field Spectral Response of Optically Excited Scanning Tunneling Microscope Junctions Probed by Single-Molecule Action Spectroscopy	2019; 10; 2068-2074	7,329	10.1021/acs.jpcclett.9b00822

18	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	Hattori, Yocef; Abdellah, Mohamed; Meng, Jie; Zheng, Kaibo; Sa, Jacinto	Simultaneous Hot Electron and Hole Injection upon Excitation of Gold Surface Plasmon	2019; 10; 3140-3146	7,329	10.1021/acs.jpclct.9b01085
19	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	Pavliuk, Mariia V.; Alvarez, Sol Gutierrez; Hattori, Yocef; Messing, Maria E.; Czaplak-Masztafiak, Joanna; Szlachetko, Jakub; Silva, Jose L.; Araujo, Carlos Moyses; Fernandes, Daniel L. A.; Lu, Li; Kiely, Christopher J.; Abdellah, Mohamed; Nordlander, Peter; Sa, Jacinto	Hydrated Electron Generation by Excitation of Copper Localized Surface Plasmon Resonance	2019; 10; 1743-1749	7,329	10.1021/acs.jpclct.9b00792
20	BIOFABRICATION	Costantini, Marco; Colosi, Cristina; Swieszkowski, Wojciech; Barbetta, Andrea	Co-axial wet-spinning in 3D bioprinting: state of the art and future perspective of microfluidic integration	2019; 11; -12001	7,236	10.1088/1758-5090/aae605
21	BIOFABRICATION	Kosik-Kozioł, Alicja; Costantini, Marco; Mroz, Anna; Idaszek, Joanna; Heljak, Marcin; Jaroszewicz, Jakub; Kijenska, Ewa; Szoke, Krisztina; Frerker, Nadine; Barbetta, Andrea; Brinchmann, Jan E.; Swieszkowski, Wojciech	3D bioprinted hydrogel model incorporating beta-tricalcium phosphate for calcified cartilage tissue engineering	2019; 11; -UNSP035016	7,236	10.1088/1758.5090/ab15cb
22	LAB ON A CHIP	Opalski, Adam S.; Makuch, Karol; Lai, Yu-Kai; Derzsi, Ladislav; Garstecki, Piotr	Grooved step emulsification systems optimize the throughput of passive generation of monodisperse emulsions	2019; 19; 1183-1192	6,914	10.1039/c8lc01096j
23	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	6,641	10.1039/c8tc05837g

24	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	6,393	10.1016/j.snb.2019.01.143
25	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	6,393	10.1016/j.snb.2018.10.001
26	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	6,393	10.1016/j.snb.2019.01.148
27	JOURNAL OF COLLOID AND INTERFACE SCIENCE	Prus, Marzena; Szymanek, Karolina; Mills, Jennifer; Lammers, Laura Nielsen; Piasecki, Wojciech; Kedra-Krolik, Karolina; Zarzycki, Piotr	Electrophoretic and potentiometric signatures of multistage CaCO ₃ nucleation	2019; 544; 249-256	6,361	10.1016/j.jcis.2019.03.002
28	ANALYTICAL CHEMISTRY	Lach, Patrycja; Cieplak, Maciej; Majewska, Marta; Noworyta, Krzysztof R.; Sharma, Piyush Sindhu; Kutner, Wlodzimierz	Gate Effect in p-Syneprine Electrochemical Sensing with a Molecularly Imprinted Polymer and Redox Probes	2019; 91; 7546-7553	6,35	10.1021/acs.analchem.8b05512
29	ANALYTICAL CHEMISTRY	Nawara, Krzysztof; Waluk, Jacek	Goodbye to Quinine in Sulfuric Acid Solutions as a Fluorescence Quantum Yield Standard	2019; 91; 5389-5394	6,35	10.1021/acs.analchem.9b00583

30	ADVANCED HEALTHCARE MATERIALS	Rinoldi, Chiara; Costantini, Marco; Kijenska-Gawronska, Ewa; Testa, Stefano; Fornetti, Ersilia; Heljak, Marcin; Cwiklinska, Monika; Buda, Robert; Baldi, Jacopo; Cannata, Stefano; Guzowski, Jan; Gargioli, Cesare; Khademhosseini, Ali; Swieszkowski, Wojciech	Tendon Tissue Engineering: Effects of Mechanical and Biochemical Stimulation on Stem Cell Alignment on Cell-Laden Hydrogel Yarns	2019; 8; -1801218	6,27	10.1002/adhm.201801218
31	CARBOHYDRATE POLYMERS	Asztemborska, Monika; Ceborska, Magdalena; Pietrzak, Mariusz	Complexation of tropane alkaloids by cyclodextrins	2019; 209; 74-81	6,044	10.1016/j.carbpol.2019.01.011
32	CATALYSIS SCIENCE & TECHNOLOGY	Goncalves, Leticia C. P.; Mansouri, Hamid R.; PourMehdi, Shads; Abdellah, Mohamed; Fadiga, Bruna S.; Bastos, Erick L.; Sa, Jacinto; Mihovilovic, Marko D.; Rudroffe, Florian	Boosting photobioelectrocatalysis by morpholine electron donors under aerobic conditions	2019; 9; 2682-2688	5,726	10.1039/c9cy00496c
33	CATALYSIS SCIENCE & TECHNOLOGY	Goncalves, Leticia C. P.; Mansouri, Hanild R.; Bastos, Erick L.; Abdellah, Mohamed; Fadiga, Bruna S.; Sa, Jacinto; Rudroff, Florian; Mihovilovic, Marko D.	Morpholine-based buffers activate aerobic photobioelectrocatalysis via spin correlated ion pair formation	2019; 9; 1365-1371	5,726	10.1039/c8cy02524j
34	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	5,726	10.1039/c8cy90096e
35	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 H ₂ O ₂ released from cancer cells	2019; 186; -	5,479	10.1007/s00604-019-3227-x

36	ELECTROCHIMICA ACTA	Lepicka, Kamila; Majewska, Marta; Nowakowski, Robert; Kutner, Wlodzimierz; 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	5,383	10.1016/j.electacta.2018.11.147
37	ELECTROCHIMICA ACTA	Lepicka, Kamila; Pieta, Piotr; Francius, Gregory; Walcarius, Alain; Kutner, Wlodzimierz	Structure-reactivity requirements with respect to nickel-salen based polymers for enhanced electrochemical stability	2019; 315; 75-83	5,383	10.1016/j.electacta.2019.05.075
38	ELECTROCHIMICA ACTA	Podrazka, Marta; Maciejewska, Julia; Adamiak, Wojciech; Nery, Emilia Witkowska; Jonsson-Niedziolka, Martin	Facilitated cation transfer at a three-phase junction and its applicability for ionophore evaluation	2019; 307; 326-333	5,383	10.1016/j.electacta.2019.03.201
39	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	5,383	10.1016/j.electacta.2018.09.113
40	ELECTROCHIMICA ACTA	Vishwanath, R. S.; Nery, Emilia Witkowska; Jonsson-Niedziolka, Martin	Electrochemistry of selected quinones at immiscible n-octyl-2-pyrrolidone/aqueous interface using a three-phase electrode system	2019; 306; 54-60	5,383	10.1016/j.electacta.2019.03.095
41	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
42	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	5,155	10.1016/j.apsusc.2019.01.114

43	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	5,155	10.1016/j.apsusc.2018.09.104
44	FUEL	Chellappan, Suchith; Aparna, K.; Chingakham, Ch.; Sajith, V.; Nair, Vaishakh	Microwave assisted biodiesel production using a novel Bronsted acid catalyst based on nanomagnetic biocomposite	2019; 246; 268-276	5,128	10.1016/j.fuel.2019.02.104
45	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	5,108	10.1016/j.chemosphere.2018.09.026
46	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	Bartold, Katarzyna; Pietrzyk-Le, Agnieszka; Lisowski, Wojciech; Golebiewska, Karolina; Siklitskaya, Alexandra; Borowicz, Pawel; Shao, Shuai; D'Souza, Francis; Kutner, Wlodzimierz	Promoting bioanalytical concepts in genetics: A TATA box molecularly imprinted polymer as a small isolated fragment of the DNA damage repairing system	2019; 100; 1-10	4,959	10.1016/j.msec.2019.02.038
47	JOURNAL OF ORGANIC CHEMISTRY	Potopnyk, Mykhaylo A.; Volyniuk, Dmytro; Luboradzki, Roman; Ceborska, Magdalena; Hladka, Iryna; Danyliy, Yan; Grazulevicius, Juozas Vidas	Application of the Suzuki-Miyaura Reaction for the Postfunctionalization of the Benzo[4,5]thiazolo[3,2-c][1,3,5,2]oxadiazaborinine Core: An Approach toward Fluorescent Dyes	2019; 84; 5614-5626	4,745	10.1021/acs.joc.9b00566
48	JOURNAL OF PHYSICAL CHEMISTRY C	Bonczak, Bartlomiej; Lisowski, Wojciech; Kaminska, Agnieszka; Holdynski, 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	4,309	10.1021/acs.jpcc.8b10842

49	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	4,309	10.1021/acs.jpcc.8b09772
50	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	4,309	10.1021/acs.jpcc.8b11374
51	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	4,309	10.1021/acs.jpcc.8b12083
52	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	4,197	10.1016/j.elecom.2018.12.014
53	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	4,197	10.1016/j.elecom.2018.12.011
54	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	Krzystyniak, Adam; Baczynska, Ewa; Magnowska, Marta; Antoniuk, Svitlana; Roszkowska, Matylda; Zareba-Kozioł, Monika; Das, Nirmal; Basu, Subhadip; Pikula, Michal; Włodarczyk, Jakub	Prophylactic Ketamine Treatment Promotes Resilience to Chronic Stress and Accelerates Recovery: Correlation with Changes in Synaptic Plasticity in the CA3 Subregion of the Hippocampus	2019; 20; -1726	4,183	10.3390/ijms20071726
55	JOURNAL OF ALLOYS AND COMPOUNDS	Przedziecka, E.; Paradowska, K. M.; Lisowski, W.; Wierzbicka, A.; Jakiela, R.; Zielony, E.; Gumienny, Z.; Placzek-Popko, E.; Kozanecki, A.	ZnO:Sb MBE layers with different Sb content-optical, electronic and structural analysis	2019; 797; 1163-1172	4,175	10.1016/j.jallcom.2019.05.213

56	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	4,153	10.1021/acs.cgd.8b01629
57	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	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	4,084	10.1016/j.ijhydene.2018.03.005
58	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	4,084	10.1016/j.ijhydene.2019.02.006
59	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	4,052	10.1039/c8dt04225j
60	NANOMATERIALS	Kaminska, Agnieszka; Szyborski, Tomasz; Witkowska, Evelin; Kijenska-Gawronska, Ewa; Swieszkowski, Wojciech; Nicinski, Krzysztof; Trzcinska-Danielewicz, Joanna; Girstun, Agnieszka	Detection of Circulating Tumor Cells Using Membrane-Based SERS Platform: A New Diagnostic Approach for 'Liquid Biopsy'	2019; 9; -366	4,034	10.3390/nano9030366

61	DYES AND PIGMENTS	Piechowska, Joanna; Angulo, Gonzalo	Frustrated excited state intramolecular proton transfer (ESIPT) in 10-hydroxy-11H-benzo[b]fluoren-11-one: Synthesis and photophysics	2019; 165; 346-353	4,018	10.1016/j.dyepig.2019.02.031
62	SCIENTIFIC REPORTS	Kuzmak, Andriy; Carmali, Sheiliza; von Lieres, Eric; Russell, Alan J.; Kondrat, Svyatoslav	Can enzyme proximity accelerate cascade reactions?	2019; 9; -455	4,011	10.1038/s41598-018-37034-3
63	SCIENTIFIC REPORTS	Kwapiszewska, Karina; Kalwarczyk, Tomasz; Michalska, Bernadeta; Szczepanski, Krzysztof; Szymanski, Jcdrzej; Patalas-Krawczyk, Pauline; Andryszewski, Tomasz; Iwan, Michalina; Duszynski, Jerzy; Holyst, Robert	Determination of oligomerization state of Drp1 protein in living cells at nanomolar concentrations	2019; 9; -5906	4,011	10.1038/s41598-019-42418-0
64	SCIENTIFIC REPORTS	Matula, Kinga; Richter, Lukasz; Janczuk-Richter, Marta; Nogala, Wojciech; Grzeszkowiak, Mikolaj; Peplinska, Barbara; Jurga, Stefan; Wyroba, Elzbieta; Suski, Szymon; Bilski, Henryk; Silesian, Adrian; Bluysen, Hans A. R.; Derebecka, Natalia; Wesoly, Joanna; Los, Joanna M.; Los, Marcin; Decewicz, Przemyslaw; Dziewit, Lukasz; Paczesny, Jan; Holyst, Robert	Phenotypic plasticity of Escherichia coli upon exposure to physical stress induced by ZnO nanorods	2019; 9; -8575	4,011	10.1038/s41598-019-44727-w
65	SCIENTIFIC REPORTS	Nicinski, K.; Krajczewski, J.; Kudelski, A.; Witkowska, E.; Trzcinska-Danielewicz, J.; Girstun, A.; Kaminska, A.	Detection of circulating tumor cells in blood by shell-isolated nanoparticle - enhanced Raman spectroscopy (SHINERS) in microfluidic device	2019; 9; -9267	4,011	10.1038/s41598-019-45629-7

66	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; -3069	4,011	10.1038/s41598-019-39640-1
67	BIOMEDICAL OPTICS EXPRESS	Borycki, Dawid; Hamkalo, Michal; Nowakowski, Maciej; Szkulmowski, Maciej; Wojtkowski, Maciej	Spatiotemporal optical coherence (STOC) manipulation suppresses coherent cross-talk in full-field swept-source optical coherence tomography	2019; 10; 2032-2054	3,91	10.1364/BOE.10.002032
68	INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE	Maczynska, Ewa; Rzeszewska-Zamiara, Jagoda; Villar, Alfonso Jimenez; Wojtkowski, Maciej; Kaluzny, Bartlomiej J.; Grulkowski, Ireneusz	Air-Puff-Induced Dynamics of Ocular Components Measured with Optical Biometry	2019; 60; 1979-1986	3,812	10.1167/iovs.19-26681
69	NEW JOURNAL OF PHYSICS	Dotsenko, V. S.; Maciolek, A.; Oshanin, G.; Vasilyev, O.; Dietrich, S.	Current-mediated synchronization of a pair of beating non-identical flagella	2019; 21; -33036	3,773	10.1088/1367-2630/ab0a80
70	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; -23024	3,773	10.1088/1367-2630/aaf778
71	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; - UNSPe201800154	3,763	10.1002/jbio.201800154
72	PHYSICAL REVIEW B	Dabrowski, M.; Cinal, M.; Schmid, A. K.; Kirschner, J.; Przybylski, M.	Fine-tuning of canted magnetization in stepped Fe films through thickness variation, Au capping, and quantum confinement	2019; 99; -184420	3,736	10.1103/PhysRevB.99.184420

73	LANGMUIR	Serna, Horacio; Noya, Eva G.; Gozdz, W. T.	Assembly of Helical Structures in Systems with Competing Interactions under Cylindrical Confinement	2019; 35; 702-708	3,683	10.1021/acs.langmuir.8b03382
74	CATALYSIS COMMUNICATIONS	Radlik, Monika; Malolepszy, Artur; Matus, Krzysztof; Srebrowata, Anna; Juszczak, Wojciech; Dluzewski, Piotr; Karpinski, Zbigniew	Alkane isomerization on highly reduced Pd/Al ₂ O ₃ catalysts. The crucial role of Pd-Al species	2019; 123; 17-22	3,674	10.1016/j.catcom.2019.02.002
75	BIOPHYSICAL JOURNAL	Trochimczyk, Piotr; Holyst, Robert	DNA Aggregation Regime - How Divalent Ions and Polymers Can Induce Creation of DNA Nanoparticles	2019; 116; 358A-358A	3,665	10.1016/j.bpj.2018.11.1949
76	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	3,567	10.1039/c8cp06752j
77	OPTICS EXPRESS	Kabacinski, Piotr; Kardas, Tomasz M.; Stepanenko, Yuriy; Radzewicz, Czeslaw	Nonlinear refractive index measurement by SPM-induced phase regression	2019; 27; 11018-11028	3,561	10.1364/OE.27.011018
78	GEOTHERMICS	Ura-Binczyk, E.; Banas, J.; Mazurkiewicz, B.; Solarzski, W.; Lewandowska, M.; Roguska, A.; Andrzejczak, 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	3,47	10.1016/j.geothermics.2018.10.002
79	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; -40	3,444	10.3390/catal9010040
80	CHEMPLUSCHEM	Kalwarczyk, Ewelina; Kabacinski, Piotr; Kardas, Tomasz M.; Gorecka, Ewa; Bilski, Henryk; Fialkowski, Marcin	A Seedless Method for Gold Nanoparticle Growth inside a Silica Matrix: Fabrication of Materials Capable	2019; 84; 525-533	3,441	10.1002/cplu.201900224

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81	CHEMICO-BIOLOGICAL INTERACTIONS	Szekacs, Inna; Tokarz, Pawel; Horvath, Robert; Kovacs, Krisztina; Kubas, Adam; Shimura, Mari; Brasun, Justyna; Murzin, Vadim; Caliebe, Wolfgang; Szewczuk, Zbigniew; Paluch, Aneta; Wojnarovits, Laszlo; Toth, Tunde; Pap, Jozsef S.; Szyrwiol, Lukasz	In vitro SOD-like activity of mono- and di-copper complexes with a phosphonate substituted SALAN-type ligand	2019; 306; 78-88	3,407	10.1016/j.cbi.2019.04.003
82	SOFT MATTER	Guzowski, Jan; Gim, Bopil	Particle clusters at fluid-fluid interfaces: equilibrium profiles, structural mechanics and stability against detachment	2019; 15; 4921-4938	3,399	10.1039/c9sm00425d
83	CHEMICAL ENGINEERING SCIENCE	Cerdan, Kenneth; Ouyang, Weiyi; Colmenares, Juan C.; Munoz-Batista, Mario J.; Luque, Rafael; Balu, Alina M.	Facile mechanochemical modification of g-C ₃ N ₄ for selective photo-oxidation of benzyl alcohol	2019; 194; 78-84	3,372	10.1016/j.ces.2018.04.001
84	COMPUTER PHYSICS COMMUNICATIONS	Jablonski, A.	The Chandrasekhar function for modeling photoelectron transport in solids	2019; 235; 489-501	3,309	10.1016/j.cpc.2018.07.005
85	ANALYTICAL AND BIOANALYTICAL CHEMISTRY	Witkowska, Evelin; Nicinski, Krzysztof; Korsak, Dorota; Szyborski, Tomasz; Kaminska, Agnieszka	Sources of variability in SERS spectra of bacteria: comprehensive analysis of interactions between selected bacteria and plasmonic nanostructures	2019; 411; 2001-2017	3,286	10.1007/s00216-019-01609-4

86	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A	Grzeczkwicz, A.; Gruszczynska-Biegala, J.; Czeredys, M.; Kwiatkowska, A.; Strawski, M.; Szklarczyk, M.; Kozbial, M.; Kuznicki, J.; Granicka, L. H.	Polyelectrolyte membrane scaffold sustains growth of neuronal cells	2019; 107; 839-850	3,221	10.1002/jbm.a.36599
87	POLYMERS	Wu, Peng; Sun, Tao; Jiang, Xikai; Kondrat, Svyatoslav	Hydrodynamic Properties of Polymers Screening the Electrokinetic Flow: Insights from a Computational Study	2019; 11; -1038	3,164	10.3390/polym11061038
88	JOURNAL OF APPLIED CRYSTALLOGRAPHY	Kaszukur, Zbigniew	Comment on the article The nanodiffraction problem	2019; 52; 693-694	3,161	10.1107/S1600576719006563
89	NEW JOURNAL OF CHEMISTRY	Mames, Adam; Osior, Agnieszka; Szkudlarek, Piotr Grzegorz; Pietrzak, Mariusz; Szymanski, Slawomir; Ratajczyk, Tomasz	Synthesis and structural characterization of exemplary silyl triptycenes	2019; 43; 7567-7573	3,069	10.1039/c9nj00934e
90	NEW JOURNAL OF CHEMISTRY	Udachyan, Iranna; Vishwanath, R. S.; Kumara, Pradeep C. S.; Kandaiah, Sakthivel	Anodic fabrication of nanostructured CuxS and CuNiSx thin films and their hydrogen evolution activities in acidic electrolytes	2019; 43; 7674-7682	3,069	10.1039/c9nj00962k
91	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	3,049	10.1039/c8ra08319c
92	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	3,042	10.1016/j.rinp.2018.11.073

93	JOURNAL OF CHEMICAL PHYSICS	Litniewski, M.; Ciach, A.	Effect of aggregation on adsorption phenomena	2019; 150; -234702	2,997	10.1063/1.5102157
94	MATERIALS	Cwik, Michal; Buczynska, Dorota; Sulowska, Karolina; Rozniecka, Ewa; Mackowski, Sebastian; Niedziolka-Joensson, Joanna	Optical Properties of Submillimeter Silver Nanowires Synthesized Using the Hydrothermal Method	2019; 12; -721	2,972	10.3390/ma12050721
95	MATERIALS	Niedziolka-Jonsson, Joanna; Mackowski, Sebastian	Plasmonics with Metallic Nanowires	2019; 12; -1418	2,972	10.3390/ma12091418
96	STRUCTURAL DYNAMICS-US	Blachucki, W.; Kayser, Y.; Czaplak-Masztafiak, J.; Guo, M.; Juranic, P.; Kavcic, M.; Kallman, E.; Knopp, G.; Lundberg, M.; Milne, C.; Rehanek, J.; Sa, J.; Szlachetko, J.	Inception of electronic damage of matter by photon-driven post-ionization mechanisms	2019; 6; -24901	2,953	10.1063/1.5090332
97	JOURNAL OF RARE EARTHS	Tabakova, Tatyana; Ilieva, Lyuba; Ivanov, Ivan; Manzoli, Maela; Zanella, Rodolfo; Petrova, Petya; Kaszkur, Zbigniew	Structure-activity relationship in water-gas shift reaction over gold catalysts supported on Y-doped ceria	2019; 37; 383-392	2,846	10.1016/j.jre.2018.07.008
98	JOURNAL OF PHYSICS D-APPLIED PHYSICS	Tavakoli, Mohammad Mahdi; Yadav, Pankaj; Prochowicz, Daniel; Tavakoli, Rouhollah; Saliba, Michael	Multilayer evaporation of MAFAPbI(3-x)Cl(x) for the fabrication of efficient and large-scale device perovskite solar cells	2019; 52; -34005	2,829	10.1088/1361-6463/aaebf1
99	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; -738	2,707	10.3390/en12040738
100	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; -13125	2,643	10.1063/1.5061027

101	JOURNAL OF PHYSICAL CHEMISTRY A	Listkowski, Arkadiusz; Jedrzejewski, Pawel; Kijak, Michal; Nawara, Krzysztof; Kowalska, Patrycja; Luboradzki, Roman; Waluk, Jacek	Antiaromatic or Nonaromatic? 2(1)H,6(1)H-2,6(2,5)-Dipyrrolo-1,5(2,6)-dipyridinacyclooctaphane-3,7-diene: a Porphycene Derivative with 4N pi Electrons	2019; 123; 2727-2733	2,641	10.1021/acs.jpca.8b11962
102	JOURNAL OF PHYSICAL CHEMISTRY A	Zapala, Joanna; Custer, Thomas; Guillemin, Jean-Claude; Gronowski, Marcin	Photochemistry of XCH ₂ CN (X = -Cl, -SH) in Argon Matrices	2019; 123; 3818-3830	2,641	10.1021/acs.jpca.9b01983
103	PHYSICS OF FLUIDS	Makuch, Karol; Gorce, Jean-Baptiste; Garstecki, Piotr	Non-wetting droplets in capillaries of circular cross-section: Scaling function	2019; 31; -43102	2,627	10.1063/1.5087722
104	EUROPEAN JOURNAL OF INORGANIC CHEMISTRY	Saski, Marcin; Prochowicz, Daniel; Marynowski, Wojciech; Lewinski, Janusz	Mechanosynthesis, Optical, and Morphological Properties of MA, FA, Cs-SnX ₃ (X = I, Br) and Phase-Pure Mixed-Halide MASn _{1-x} Br _(3-x) Perovskites	2019; ; 2680-2684	2,578	10.1002/ejic.201801506
105	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 (vol 160 pg 325, 2019)	2019; 163; 287-287	2,515	10.1016/j.vacuum.2019.02.024
106	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	2,515	10.1016/j.vacuum.2018.11.044
107	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	Wszelaka-Rylik, Magorzata; Piotrowska-Wolinska, Katarzyna; Gierycz, Pawe	Covering of nanometric calcite with alpha-cyclodextrin	2019; 136; 957-966	2,471	10.1007/s10973-018-7706-9
108	JOURNAL OF SYNCHROTRON RADIATION	Wojtaszek, Klaudia; Wach, Anna; Czapla-Masztafiak, Joanna; Tyrala, Krzysztof; Sa, Jacinto; Ozer, Luetfiye Yildiz; Garlisi, Corrado;	The influence of nitrogen doping on the electronic structure of the valence and conduction band in TiO ₂	2019; 26; 145-151	2,452	10.1107/S1600577518016685

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109	PHYSICAL REVIEW E	Holyst, Robert; Maciolek, Anna; Zhang, Yirui; Litniewski, Marek; Knychala, Piotr; Kasprzak, Maciej; Banaszak, Michal	Flux and storage of energy in nonequilibrium stationary states	2019; 99; -42118	2,353	10.1103/PhysRevE.99.042118
110	PHYSICAL REVIEW E	Jedrak, Jakub; Kwiatkowski, Maciej; Ochab-Marcinek, Anna	Exactly solvable model of gene expression in a proliferating bacterial cell population with stochastic protein bursts and protein partitioning	2019; 99; -42416	2,353	10.1103/PhysRevE.99.042416
111	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; -22205	2,353	10.1103/PhysRevE.99.022205
112	COMPUTERS IN BIOLOGY AND MEDICINE	Issarti, Ikram; Consejo, Alejandra; Jimenez-Garcia, Marta; Hershko, Sarah; Koppen, Carina; Rozema, Jos J.	Computer aided diagnosis for suspect keratoconus detection	2019; 109; 33-42	2,286	10.1016/j.compbio.2019.04.024
113	BEILSTEIN JOURNAL OF NANOTECHNOLOGY	Gebavi, Hrvoje; Gasparic, Vlatko; Risovic, Dubravko; Baran, Nikola; Albrycht, Pawal Henryk; Ivanda, Mile	Features and advantages of flexible silicon nanowires for SERS applications	2019; 10; 725-734	2,269	10.3762/bjnano.10.72
114	TOPICS IN CATALYSIS	Pieta, I. S.; Cortes-Reyes, M.; Larrubia, M. A.; Alemany, L. J.; Epling, W. S.	Mechanistic Aspect of N ₂ O Formation Over Pt-Ba/-Al ₂ O ₃ Catalysts	2019; 62; 117-128	2,226	10.1007/s11244-018-1108-x
115	CHEMISTRYOPEN	Golowicz, Dariusz; Kazmierczuk, Krzysztof; Urbanczyk, Mateusz; Ratajczyk, Tomasz	Monitoring Hydrogenation Reactions using Benchtop 2D NMR with Extraordinary Sensitivity and Spectral Resolution	2019; 8; 196-200	2,205	10.1002/open.201800294

116	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	2,12	10.1016/j.molstruc.2019.02.027
117	THIN SOLID FILMS	Majchrowicz, Anna; Roguska, Agata; Pisarek, Marcin; Lewandowska, Malgorzata	Tailoring the morphology of nanotubular oxide layers on Ti-24Nb-4Zr-8Sn beta-phase titanium alloy	2019; 679; 15-21	1,888	10.1016/j.tsf.2019.03.037
118	WETLANDS	Amatya, Devendra M.; Fialkowski, Marcin; Bitner, Agnieszka	A Daily Water Table Depth Computing Model for Poorly Drained Soils	2019; 39; 39-54	1,854	10.1007/s13157-018-1069-7
119	JOURNAL OF APPLIED ENTOMOLOGY	Skrzecz, Iwona; Wolski, Robert; Sowinska, Alicja; Raczko, Jerzy; Janiszewski, Wojciech; Kuzminski, Robert	Evaluation of attractants and traps for monitoring small banded pine weevil <i>Pissodes castaneus</i>	2019; 143; 397-407	1,827	10.1111/jen.12610
120	ADSORPTION-JOURNAL OF THE INTERNATIONAL ADSORPTION SOCIETY	Radlik, Monika; Srebowata, Anna; Juszczyk, Wojciech; Matus, Krzysztof; Malolepszy, Artur; Karpinski, Zbigniew	n-Hexane conversion on gamma-alumina supported palladium-platinum catalysts	2019; 25; 843-853	1,731	10.1007/s10450-019-00083-9
121	SEMINARS IN OPHTHALMOLOGY	Consejo, Alejandra; Melcer, Tomasz; Rozema, Jos J.	Introduction to Machine Learning for Ophthalmologists	2019; 34; 19-41	1,401	10.1080/08820538.2018.1551496
122	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	1,327	10.1002/jemt.23093
123	PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY	Jankowski, Pawel; Samborski, Adam; Ostaszewski, Ryszard; Garstecki, Piotr	Evaluation of droplet-based microfluidic platforms as a convenient tool for lipases and esterases assays	; ; -	1,117	10.1080/10826068.2019.1605527
124	JOURNAL OF POLYMER ENGINEERING	Przybylek, Malgorzata; Bialkows, Anita; Bakar, Mohamed; Kosikowska, Urszula; Szymborski, Tomasz	Effect of aging conditions on the mechanical properties and antimicrobial activity of elastomer nanocomposites	2019; 39; 316-325	1,072	10.1515/polyeng-2018-0342

125	LOW TEMPERATURE PHYSICS	Gil, Michal; Gorski, Alexandr; Starukhin, Alexander; Waluk, Jacek	Fluorescence studies of porphycene in various cryogenic environments	2019; 45; 656-662	0,825	10.1063/1.5103259
126	LOW TEMPERATURE PHYSICS	Kolos, Robert	Carbon chain extension processes in cryogenic environments: UV-assisted growth of polyynic nitriles in solidified rare gases	2019; 45; 583-589	0,825	10.1063/1.5103249
127	TECHNICAL PHYSICS LETTERS	Yastrebov, S. G.; Gulyaev, N. I.; Galenko, A. S.; Prus, M.; Siklitskaya, A. V.	Hydroxyapatite Nanoclusters in Subendothelial Structures of Aortic Demilunes of Patients with Calcified Aortic Stenosis	2019; 45; 167-169	0,773	10.1134/S1063785019020366
128	INTERNATIONAL JOURNAL OF UNCONVENTIONAL COMPUTING	Zommer, Ludomir; Gizynski, Konrad; Gorecki, Jerzy	On the Predictive Power of Database Classifiers Formed by a Small Network of Interacting Chemical Oscillators	2019; 14; 159-179	0,725	
129	TECHNICAL PHYSICS	Yastrebov, S. G.; Chekulaev, M. S.; Siklitskaya, A. V.	Optical Properties of Spiroid C-300	2019; 64; 138-142	0,637	10.1134/S1063784219020282
130	CURRENT OPINION IN GREEN AND SUSTAINABLE CHEMISTRY	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
131	COGENT ENGINEERING	Fernando Colmenares-Quintero, Ramon; David Goetz-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; - UNSP1575637	0	10.1080/23311916.2019.1575637
132	COMMUNICATIONS CHEMISTRY	Rohr, Jason A.; Sa, Jacinto; Konezny, Steven J.	The role of adsorbates in the green emission and conductivity of zinc oxide	2019; 2; -52	0	10.1038/s42004-019-0153-0
133	PHOTONICS LETTERS OF POLAND	Wojtkowski, Maciej; Stremplewski, Patrycjusz; Auksorius, Egidijus; Borycki, Dawid	Spatio-Temporal Optical Coherence Imaging - a new tool for in vivo microscopy	2019; 11; 45-50	0	10.4302/plp.v11i2.905

134	PHOTONICS LETTERS OF POLAND	Zielinska, A.; Kiluk, K.; Wojtkowski, M.; Komar, K.	System for psychophysical measurements of two-photon vision	2019; 11; 1-3	0	10.4302/plp.v11i1. 837
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