

	Autorzy	Tytuł	Czasopismo	Rok, tom, strony	IF	DOI
1.	Hattori, Y; Abdellah, M; Rocha, I; Pavliuk, MV; Fernandes, DLA; Sa, J	Light-induced ultrafast proton-coupled electron transfer responsible for H-2 evolution on silver plasmonics	MATERIALS TODAY	2018, 21, 590 - 593	24,537	10.1016/j.mattod.2018.05.0
2.	Kubicki, DJ; Prochowicz, D; Hofstetter, A; Zakeeruddin, SM; Gratzel, M; Emsley, L	Phase Segregation in Potassium-Doped Lead Halide Perovskites from K-39 Solid-State NMR at 21.1 T	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2018, 140, 7232 - 7238	14,357	10.1021/jacs.8b03191
3.	Kubicki, DJ; Prochowicz, D; Hofstetter, A; Saski, M; Yadav, P; Bi, DQ; Pellet, N; Lewinski, J; Zakeeruddin, SM; Gratzel, M; Emsley, L	Formation of Stable Mixed Guanidinium-Methylammonium Phases with Exceptionally Long Carrier Lifetimes for High-Efficiency Lead Iodide-Based Perovskite Photovoltaics	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	2018, 140, 3345 - 3351	14,357	10.1021/jacs.7b12860
4.	Boguslawski, J; Wang, YD; Xue, H; Yang, XX; Mao, D; Gan, XT; Ren, ZY; Zhao, JL; Dai, Q; Sobon, G; Sotor, J; Sun, ZP	Graphene Actively Mode-Locked Lasers	ADVANCED FUNCTIONAL MATERIALS	2018, 28, -	13,325	10.1002/adfm.201801539
5.	Costantini, M; Guzowski, J; Zuk, PJ; Mozetic, P; De Panfilis, S; Jaroszewicz, J; Heljak, M; Massimi, M; Pierron, M; Trombetta, M; Dentini, M; Swieszkowski, W; Rainer, A; Garstecki, P; Barbetta, A	Electric Field Assisted Microfluidic Platform for Generation of Tailorable Porous Microbeads as Cell Carriers for Tissue Engineering	ADVANCED FUNCTIONAL MATERIALS	2018, 28, -	13,325	10.1002/adfm.201800874
6.	Szlachetko, J; Kubas, A; Cieslak, AM; Sokolowski, K; Makolski, L; Czapla-Masztafiak, J; Sa, J; Lewinski, J	Hidden gapless states during thermal transformations of preorganized zinc alkoxides to zinc oxide nanocrystals	MATERIALS HORIZONS	2018, 5, 905 - 911	13,183	10.1039/c8mh00106e

7.	Prochowicz, D; Yadav, P; Saliba, M; Kubicki, DJ; Tavakoli, MM; Zakeeruddin, SM; Lewinski, J; Emsley, L; Gratzel, M	One-step mechanochemical incorporation of an insoluble cesium additive for high performance planar heterojunction solar cells	NANO ENERGY	2018, 49, 523 - 528	13,12	10.1016/j.nanoen.2018.05.010
8.	Bockmann, H; Gawinkowski, S; Waluk, J; Raschke, MB; Wolf, M; Kumagai, T	Near-Field Enhanced Photochemistry of Single Molecules in a Scanning Tunneling Microscope Junction	NANO LETTERS	2018, 18, 152 - 157	12,08	10.1021/acs.nanolett.7b03720
9.	Krukowska, A; Winiarski, MJ; Strychalska-Nowak, J; Klimczuk, T; Lisowski, W; Mikolajczyk, A; Pinto, HP; Puzyn, T; Grzyb, T; Zaleska-Medynska, A	Rare earth ions doped K <sub>2</sub> Ta <sub>2</sub> O <sub>6</sub> photocatalysts with enhanced UV-vis light activity	APPLIED CATALYSIS B-ENVIRONMENTAL	2018, 224, 451 - 468	11,698	10.1016/j.apcatb.2017.10.061
10.	Czelej, K; Cwieka, K; Colmenares, JC; Kurzydowski, KJ	Catalytic activity of NiO cathode in molten carbonate fuel cells	APPLIED CATALYSIS B-ENVIRONMENTAL	2018, 222, 73 - 75	11,698	10.1016/j.apcatb.2017.10.003
11.	Szewczyk, M; Sobczak, G; Sashuk, V	Photoswitchable Catalysis by a Small Swinging Molecule Confined on the Surface of a Colloidal Particle	ACS CATALYSIS	2018, 8, 2810 - 2814	11,384	10.1021/acscatal.8b00328
12.	Prochowicz, D; Tavakoli, MM; Solanki, A; Goh, TW; Pandey, K; Sum, TC; Saliba, M; Yadav, P	Understanding the effect of chlorobenzene and isopropanol anti-solvent treatments on the recombination and interfacial charge accumulation in efficient planar perovskite solar cells	JOURNAL OF MATERIALS CHEMISTRY A	2018, 6, 14307 - 14314	9,931	10.1039/c8ta03782e
13.	Piatkowski, L; Schanbacher, C; Wackenhut, F; Jamrozik, A; Meixner, AJ; Waluk, J	Nature of Large Temporal Fluctuations of Hydrogen Transfer Rates in Single Molecules	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	2018, 9, 1211 - 1215	8,709	10.1021/acs.jpclett.8b00299
14.	Iskierko, Z; Noworyta, K; Sharma, PS	Molecular recognition by synthetic receptors: Application in field-effect transistor based chemosensing	BIOSENSORS & BIOELECTRONICS	2018, 109, 50 - 62	8,173	10.1016/j.bios.2018.02.058

15.	Dabrowski, M; Lach, P; Cieplak, M; Kutner, W	Nanostructured molecularly imprinted polymers for protein chemosensing	BIOSENSORS & BIOELECTRONICS	2018, 102, 17 - 26	8,173	10.1016/j.bios.2017.10.045
16.	Sharma, PS; Iskierko, Z; Noworyta, K; Cieplak, M; Borowicz, P; Lisowski, W; D'Souza, F; Kutner, W	Synthesis and application of a "plastic antibody" in electrochemical microfluidic platform for oxytocin determination	BIOSENSORS & BIOELECTRONICS	2018, 100, 251 - 258	8,173	10.1016/j.bios.2017.09.009
17.	Bartold, K; Pietrzyk-Le, A; Golebiewska, K; Lisowski, W; Cauteruccio, S; Licandro, E; D'Souza, F; Kutner, W	Oligonucleotide Determination via Peptide Nucleic Acid Macromolecular Imprinting in an Electropolymerized CG-Rich Artificial Oligomer Analogue	ACS APPLIED MATERIALS & INTERFACES	2018, 10, 27562 - 27569	8,097	10.1021/acsami.8b09296
18.	Roguska, A; Belcarz, A; Zalewska, J; Holdynski, M; Andrzejczuk, M; Pisarek, M; Ginalska, G	Metal TiO <sub>2</sub> Nanotube Layers for the Treatment of Dental Implant Infections	ACS APPLIED MATERIALS & INTERFACES	2018, 10, 17089 - 17099	8,097	10.1021/acsami.8b04045
19.	Krzyzewska, K; Jaroch, T; Maranda-Niedbala, A; Pocięcha, D; Gorecka, E; Ahmed, Z; Welch, C; Mehl, GH; Pron, A; Nowakowski, R	Supramolecular organization of liquid-crystal dimers - bis-cyanobiphenyl alkanes on HOPG by scanning tunneling microscopy	NANOSCALE	2018, 10, 16201 - 16210	7,233	10.1039/c8nr02069h
20.	Richter, L; Janczuk-Richter, M; Niedziolka-Jonsson, J; Paczesny, J; Holyst, R	Recent advances in bacteriophage-based methods for bacteria detection	DRUG DISCOVERY TODAY	2018, 23, 448 - 455	6,848	10.1016/j.drudis.2017.11.007
21.	Krukowska, A; Trykowski, G; Lisowski, W; Klimczuk, T; Winiarski, MJ; Zaleska-Medynska, A	Monometallic nanoparticles decorated and rare earth ions doped KTaO <sub>3</sub> /K <sub>2</sub> Ta <sub>2</sub> O <sub>6</sub> photocatalysts with enhanced pollutant decomposition and improved H <sub>2</sub> generation	JOURNAL OF CATALYSIS	2018, 364, 371 - 381	6,759	10.1016/j.jcat.2018.05.013

22.	Udachyan, I; Vishwanath, RS; Kumara, CSP; Kandaiah, S	Ruthenium ion containing N and S rich triazine based metallopolymer as a low overpotential acid stable electrocatalyst for hydrogen evolution	JOURNAL OF CATALYSIS	2018, 357, 138 - 146	6,759	10.1016/j.jcat.2017.11.009
23.	Kostenidou, E; Karnezi, E; Kolodziejczyk, A; Szmigielski, R; Pandis, SN	Physical and Chemical Properties of 3-Methyl-1,2,3-butanetricarboxylic Acid (MBTCA) Aerosol	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2018, 52, 1150 - 1155	6,653	10.1021/acs.est.7b04348
24.	Bhunja, A; Johnson, BA; Czapla-Masztafiak, J; Sa, J; Ott, S	Formal water oxidation turnover frequencies from MIL-101(Cr) anchored Ru(bda) depend on oxidant concentration	CHEMICAL COMMUNICATIONS	2018, 54, 7770 - 7773	6,29	10.1039/c8cc02300j
25.	Kosiorek, S; Butkiewicz, H; Danylyuk, O; Sashuk, V	Pillar[6]pyridinium: a hexagonally shaped molecular box that selectively recognizes multicharged anionic species	CHEMICAL COMMUNICATIONS	2018, 54, 6316 - 6319	6,29	10.1039/c8cc03353f
26.	Paszkiwicz-Gawron, M; Dlugokecka, M; Lisowski, W; Paganini, MC; Giamello, E; Klimczuk, T; Paszkiwicz, M; Grabowska, E; Zaleska-Medynska, A; Luczak, J	Dependence between Ionic Liquid Structure and Mechanism of Visible-Light-Induced Activity of TiO2 Obtained by Ionic-Liquid Assisted Solvothermal Synthesis	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2018, 6, 3927 - 3937	6,14	10.1021/acssuschemeng.7b04291
27.	Nawara, K; Rana, A; Panda, PK; Waluk, J	Versatile Approach for Reliable Determination of Both High and Low Values of Luminescence Quantum Yields	ANALYTICAL CHEMISTRY	2018, 90, 10139 - 10143	6,042	10.1021/acs.analchem.8b02751
28.	Podrazka, M; Nery, EW; Pacowska, A; Arrigan, DWM; Jonsson-Niedziolka, M	Paper-Based System for Ion Transfer Across the Liquid-Liquid Interface	ANALYTICAL CHEMISTRY	2018, 90, 8727 - 8731	6,042	10.1021/acs.analchem.8b02695
29.	Spolnik, G; Wach, P; Rudzinski, KJ; Skotak, K; Danikiewicz, W;	Improved UHPLC-MS/MS Methods for Analysis of Isoprene-Derived	ANALYTICAL CHEMISTRY	2018, 90, 3416 - 3423	6,042	10.1021/acs.analchem.7b0506

	Szmigielski, R	Organosulfates				0
30.	Colmenares, JC; Nair, V; Kuna, E; Lomot, D	Development of photocatalyst coated fluoropolymer based microreactor using ultrasound for water remediation	ULTRASONICS SONOCHEMISTRY	2018, 41, 297 - 302	6,012	10.1016/j.ultsonch.2017.09.053
31.	Justyniarski, A; Zareba, JK; Hanczyc, P; Fita, P; Choluj, M; Zalesny, R; Samoc, M	Utilizing formation of dye aggregates with aggregation-induced emission characteristics for enhancement of two-photon absorption	JOURNAL OF MATERIALS CHEMISTRY C	2018, 6, 4384 - 4388	5,976	10.1039/c7tc05509a
32.	Top, I; Binions, R; Warwick, MEA; Dunnill, CW; Holdynski, M; Abrahams, I	VO <sub>2</sub> /TiO <sub>2</sub> bilayer films for energy efficient windows with multifunctional properties	JOURNAL OF MATERIALS CHEMISTRY C	2018, 6, 4485 - 4493	5,976	10.1039/c8tc00835c
33.	Grzelak, J; Sulowska, K; Lesniewski, A; Rozniecka, E; Janczuk-Richter, M; Richter, L; Los, M; Jonsson-Niedziolka, M; Mackowski, S; Niedziolka-Jonsson, J	Capturing fluorescing viruses with silver nanowires	SENSORS AND ACTUATORS B-CHEMICAL	2018, 273, 689 - 695	5,667	10.1016/j.snb.2018.06.119
34.	Szyborski, T; Jankowski, P; Garstecki, P	Teflon microreactors for organic syntheses	SENSORS AND ACTUATORS B-CHEMICAL	2018, 255, 2274 - 2281	5,667	10.1016/j.snb.2017.09.035
35.	Khan, A; Nair, V; Colmenares, JC; Glaser, R	Lignin-Based Composite Materials for Photocatalysis and Photovoltaics	TOPICS IN CURRENT CHEMISTRY	2018, 376, -	5,537	10.1007/s41061-018-0198-z
36.	Kubas, A; Verkamp, M; Vura-Weis, J; Neese, F; Maganas, D	Restricted Open-Shell Configuration Interaction Singles Study on M- and L-edge X-ray Absorption Spectroscopy of Solid Chemical Systems	JOURNAL OF CHEMICAL THEORY AND COMPUTATION	2018, 14, 4320 - 4334	5,399	10.1021/acs.jctc.8b00302

37.	Balawender, R; Lesiuk, M; De Proft, F; Geerlings, P	Exploring Chemical Space with Alchemical Derivatives: BN-Simultaneous Substitution Patterns in C-60	JOURNAL OF CHEMICAL THEORY AND COMPUTATION	2018, 14, 1154 - 1168	5,399	10.1021/acs.jctc.7b01114
38.	Ostapko, J; Kelm, A; Kijak, M; Lesniewska, B; Waluk, J	Two Macrocycles in One Shot: Synthesis, Spectroscopy, Photophysics, and Tautomerism of 23-Oxahemiporphycene and 21-Oxacorrole-5-carbaldehyde	CHEMISTRY-A EUROPEAN JOURNAL	2018, 24, 9884 - 9891	5,16	10.1002/chem.201801293
39.	Hamkalo, M; Fita, P; Fedorynski, M; Makosza, M	Interfacial Generation of a Carbanion: The Key Step of PTC Reaction Directly Observed by Second Harmonic Generation	CHEMISTRY-A EUROPEAN JOURNAL	2018, 24, 3975 - 3979	5,16	10.1002/chem.201705597
40.	Wolska-Pietkiewicz, M; Tokarska, K; Grala, A; Wojewodzka, A; Chwojnowska, E; Grzonka, J; Cywinski, PJ; Kruczala, K; Sojka, Z; Chudy, M; Lewinski, J	Safe-by-Design Ligand-Coated ZnO Nanocrystals Engineered by an Organometallic Approach: Unique Physicochemical Properties and Low Toxicity toward Lung Cells	CHEMISTRY-A EUROPEAN JOURNAL	2018, 24, 4033 - 4042	5,16	10.1002/chem.201704207
41.	Ceborska, M; Kedra-Krolik, K; Kowalska, AA; Kozbial, M	Comparative study of molecular recognition of folic acid subunits with cyclodextrins	CARBOHYDRATE POLYMERS	2018, 184, 47 - 56	5,158	10.1016/j.carbpol.2017.12.031
42.	Lepicka, K; Pieta, P; Gupta, R; Dabrowski, M; Kutner, W	A redox conducting polymer of a meso-Ni(II)-SaldMe monomer and its application for a multi-composite supercapacitor	ELECTROCHIMICA ACTA	2018, 268, 111 - 120	5,116	10.1016/j.electacta.2018.02.085
43.	Kamniska, A; Szymborski, T; Jaroch, T; Zmyslowski, A; Szterk, A	Gold-capped silicon for ultrasensitive SERS-biosensing: Towards human biofluids analysis	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2018, 84, 208 - 217	5,08	10.1016/j.msec.2017.11.029

44.	Masnyk, M; Butkiewicz, A; Gorecki, M; Luboradzki, R; Paluch, P; Potrzebowski, MJ; Frelek, J	In Depth Analysis of Chiroptical Properties of Enones Derived from Abietic Acid	JOURNAL OF ORGANIC CHEMISTRY	2018, 83, 3547 - 3561	4,805	10.1021/acs.joc.7b02911
45.	Potopnyk, MA; Lytvyn, R; Danyliv, Y; Ceborska, M; Bezikonnyi, O; Volyniuk, D; Grazulevicius, JV	N,O pi-Conjugated 4-Substituted 1,3-Thiazole BF <sub>2</sub> Complexes: Synthesis and Photophysical Properties	JOURNAL OF ORGANIC CHEMISTRY	2018, 83, 1095 - 1105	4,805	10.1021/acs.joc.7b02239
46.	Leszczynski, MK; Kornowicz, A; Prochowicz, D; Justyniak, I; Noworyta, K; Lewinski, J	Straightforward Synthesis of Single-Crystalline and Redox-Active Cr(II)-carboxylate MOFs	INORGANIC CHEMISTRY	2018, 57, 4803 - 4806	4,7	10.1021/acs.inorgchem.8b00395
47.	Janiszewska, E; Zielinski, M; Kot, M; Kowalewski, E; Srebowata, A	Aqueous-Phase Hydrodechlorination of Trichloroethylene on Ir Catalysts Supported on SBA-3 Materials	CHEMCATCHEM	2018, 10, 4109 - 4118	4,674	10.1002/cctc.201800873
48.	Gizinski, D; Blachucki, W; Srebowata, A; Zienkiewicz-Machnik, M; Goszewska, I; Matus, K; Lisovytskiy, D; Pisarek, M; Szlachetko, J; Sa, J	On-the-fly Catalyst Accretion and Screening in Chemoselective Flow Hydrogenation	CHEMCATCHEM	2018, 10, 3641 - 3646	4,674	10.1002/cctc.201800581
49.	Lisowski, P; Colmenares, JC; Masek, O; Lisowski, W; Lisovytskiy, D; Grzonka, J; Kurzydowski, K	Design and Fabrication of TiO <sub>2</sub> /Lignocellulosic Carbon Materials: Relevance of Low-temperature Sonocrystallization to Photocatalysts Performance	CHEMCATCHEM	2018, 10, 3469 - 3480	4,674	10.1002/cctc.201800604
50.	Ozer, LY; Apostoleris, H; Ravoux, F; Shylin, SI; Mamedov, F; Lindblad, A; Johansson, FOL; Chiesa, M; Sa, J; Palmisano, G	Long-Lasting Non-hydrogenated Dark Titanium Dioxide: Medium Vacuum Anneal for Enhanced Visible Activity of Modified Multiphase Photocatalysts	CHEMCATCHEM	2018, 10, 2949 - 2954	4,674	10.1002/cctc.201800097

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52.	Holdynski, M; Dolinska, J; Opallo, M	Collisions of suspended Prussian Blue nanoparticles with a rotating disc electrode	ELECTROCHEMISTRY COMMUNICATIONS	2018, 86, 130 - 134	4,66	10.1016/j.eleco m.2017.12.006
53.	Koniakhin, SV; Utesov, OI; Terterov, IN; Siklitskaya, AV; Yashenkin, AG; Solnyshkov, D	Raman Spectra of Crystalline Nanoparticles: Replacement for the Phonon Confinement Model	JOURNAL OF PHYSICAL CHEMISTRY C	2018, 122, 19219 - 19229	4,484	10.1021/acs.jpcc c.8b05415
54.	Yadav, P; Turren-Cruz, SH; Prochowicz, D; Tavakoli, MM; Pandey, K; Zakeeruddin, SM; Gratzel, M; Hagfeldt, A; Saliba, M	Elucidation of Charge Recombination and Accumulation Mechanism in Mixed Perovskite Solar Cells	JOURNAL OF PHYSICAL CHEMISTRY C	2018, 122, 15149 - 15154	4,484	10.1021/acs.jpcc c.8b03948
55.	Nakata, S; Kayahara, K; Yamamoto, H; Skrobanska, P; Gorecki, J; Awazu, A; Nishimori, H; Kitahata, H	Reciprocating Motion of a Self- Propelled Rotor Induced by Forced Halt and Release Operations	JOURNAL OF PHYSICAL CHEMISTRY C	2018, 122, 3482 - 3487	4,484	10.1021/acs.jpcc c.7b12089
56.	Lesiak, B; Mierzwa, B; Jiricek, P; Bieloshapka, I; Juchniewicz, K; Borodzinski, A	Effect of treatment at high temperatures on morphology of a carbon supported Pd catalyst investigated by X-ray diffraction and photoelectron spectroscopy aided with QUASES	APPLIED SURFACE SCIENCE	2018, 458, 855 - 863	4,439	10.1016/j.apsus c.2018.07.137
57.	Lesiak, B; Kover, L; Toth, J; Zemek, J; Jiricek, P; Kromka, A; Rangam, N	C sp(2)/sp(3) hybridisations in carbon nanomaterials - XPS and (X)AES study	APPLIED SURFACE SCIENCE	2018, 452, 223 - 231	4,439	10.1016/j.apsus c.2018.04.269



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59.	Krukowska, A; Trykowski, G; Winiarski, MJ; Klimczuk, T; Lisowski, W; Mikolajczyk, A; Pinto, HP; Zaleska-Medynska, A	Mono- and bimetallic nanoparticles decorated KTaO <sub>3</sub> photocatalysts with improved Vis and UV-Vis light activity	APPLIED SURFACE SCIENCE	2018, 441, 993 - 1011	4,439	10.1016/j.apsusc.2018.02.077
60.	Krawczyk, M; Lisowski, W; Pisarek, M; Nikiforow, K; Jablonski, A	Surface characterization of low-temperature grown yttrium oxide	APPLIED SURFACE SCIENCE	2018, 437, 347 - 356	4,439	10.1016/j.apsusc.2017.12.121
61.	Przedziecka, E; Lisowski, W; Reszka, A; Kozanecki, A	Evidence of magnesium impact on arsenic acceptor state: Study of ZnMgO:As molecular beam epitaxy layers	APPLIED SURFACE SCIENCE	2018, 435, 676 - 679	4,439	10.1016/j.apsusc.2017.11.173
62.	Marchelek, M; Grabowska, E; Klimczuk, T; Lisowski, W; Giamello, E; Zaleska-Medynska, A	Studies on novel Bi <sub>y</sub> X <sub>z</sub> -TiO <sub>2</sub> /SrTiO <sub>3</sub> composites: Surface properties and visible light-driven photoactivity	APPLIED SURFACE SCIENCE	2018, 435, 1174 - 1186	4,439	10.1016/j.apsusc.2017.11.139
63.	Maiullari, F; Costantini, M; Milan, M; Pace, V; Chirivi, M; Maiullari, S; Rainer, A; Baci, D; Marei, HE; Seliktar, D; Gargioli, C; Bearzi, C; Rizzi, R	A multi-cellular 3D bioprinting approach for vascularized heart tissue engineering based on HUVECs and iPSC-derived cardiomyocytes	SCIENTIFIC REPORTS	2018, 8, -	4,122	10.1038/s41598-018-31848-x
64.	Brzozowska, E; Lesniewski, A; Sek, S; Wieneke, R; Tampe, R; Gorska, S; Jonsson-Niedziolka, M; Niedziolka-Jonsson, J	Interactions of bacteriophage T4 adhesin with selected lipopolysaccharides studied using atomic force microscopy	SCIENTIFIC REPORTS	2018, 8, -	4,122	10.1038/s41598-018-29383-w

65.	Michalska, BM; Kwapiszewska, K; Szczepanowska, J; Kalwarczyk, T; Patalas-Krawczyk, P; Szczepanski, K; Holyst, R; Duszynski, J; Szymanski, J	Insight into the fission mechanism by quantitative characterization of Drp1 protein distribution in the living cell	SCIENTIFIC REPORTS	2018, 8, -	4,122	10.1038/s41598-018-26578-z
66.	Golec, B; Nawara, K; Gorski, A; Thummel, RP; Herbich, J; Waluk, J	Combined effect of hydrogen bonding interactions and freezing of rotameric equilibrium on the enhancement of photostability	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2018, 20, 13306 - 13315	3,906	10.1039/c8cp00726h
67.	Liu, S; Baugh, D; Motobayashi, K; Zhao, X; Levchenko, SV; Gawinkowski, S; Waluk, J; Grill, L; Persson, M; Kumagai, T	Anharmonicity in a double hydrogen transfer reaction studied in a single porphycene molecule on a Cu(110) surface	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2018, 20, 12112 - 12119	3,906	10.1039/c8cp00178b
68.	Rambach, RW; Biswas, P; Yadav, A; Garstecki, P; Franke, T	Fast selective trapping and release of picoliter droplets in a 3D microfluidic PDMS multi-trap system with bubbles	ANALYST	2018, 143, 843 - 849	3,864	10.1039/c7an01100h
69.	Zielony, E; Przedziecka, E; Placzek-Popko, E; Lisowski, W; Stachowicz, M; Paradowska, KM; Jakiela, R; Kozanecki, A	Deep levels in the MBE ZnO: As/n-GaN diodes - Photoluminescence, electrical properties and deep level transient spectroscopy	JOURNAL OF ALLOYS AND COMPOUNDS	2018, 742, 296 - 303	3,779	10.1016/j.jallcom.2018.01.250
70.	Radlik, M; Juszczak, W; Matus, K; Szumelda, T; Drelinkiewicz, A; Karpinski, Z	Generation of palladium silicide in the PdAu-SiO <sub>2</sub> nanocomposites during heating in hydrogen	JOURNAL OF ALLOYS AND COMPOUNDS	2018, 735, 349 - 354	3,779	10.1016/j.jallcom.2017.11.142
71.	Ciach, A	Combined density functional and Brazovskii theories for systems with spontaneous inhomogeneities	SOFT MATTER	2018, 14, 5497 - 5508	3,709	10.1039/c8sm00602d
72.	Derzsi, L; Filippi, D; Lulli, M; Mistura, G; Bernaschi, M; Garstecki, P; Sbragaglia, M; Pierno, M	Wall fluidization in two acts: from stiff to soft roughness	SOFT MATTER	2018, 14, 1088 - 1093	3,709	10.1039/c7sm02093g

73.	Vasilyev, OA; Dietrich, S; Kondrat, S	Nonadditive interactions and phase transitions in strongly confined colloidal systems	SOFT MATTER	2018, 14, 586 - 596	3,709	10.1039/c7sm01363a
74.	Wysocki, B; Idaszek, J; Zdunek, J; Rozniatowski, K; Pisarek, M; Yamamoto, A; Swieszkowski, W	The Influence of Selective Laser Melting (SLM) Process Parameters on In-Vitro Cell Response	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2018, 19, -	3,687	10.3390/ijms19061619
75.	Kaminska, II; Lisovytskiy, D; Valentin, L; Calers, C; Millot, Y; Kowalewski, E; Srebowata, A; Dzwigaj, S	Influence of pretreatment and reaction conditions on the catalytic activity of It HA1BEA and CoHA1BEA zeolites in vinyl chloride formation from 1,2-dichloroethane	MICROPOROUS AND MESOPOROUS MATERIALS	2018, 266, 32 - 42	3,649	10.1016/j.micro meso.2018.02.041
76.	Wegrzyn, A; Stawinski, W; Freitas, O; Komedera, K; Blachowski, A; Jeczmionek, L; Danko, T; Mordarski, G; Figueiredo, S	Study of adsorptive materials obtained by wet fine milling and acid activation of vermiculite	APPLIED CLAY SCIENCE	2018, 155, 37 - 49	3,641	10.1016/j.clay.2018.01.002
77.	Sudagar, A; Andrejkovicova, S; Patinha, C; Velosa, A; McAdam, A; da Silva, EF; Rocha, F	A novel study on the influence of cork waste residue on metakaolin-zeolite based geopolymers	APPLIED CLAY SCIENCE	2018, 152, 196 - 210	3,641	10.1016/j.clay.2017.11.013
78.	Lisowski, P; Colmenares, JC; Masek, O; Lomot, D; Chernyayeva, O; Lisovytskiy, D	Novel biomass-derived hybrid TiO <sub>2</sub> /carbon material using tar-derived secondary char to improve TiO <sub>2</sub> bonding to carbon matrix	JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS	2018, 131, 35 - 41	3,468	10.1016/j.jaap.2018.02.013
79.	Golabiewska, A; Checa-Suarez, M; Paszkiewicz-Gawron, M; Lisowski, W; Raczuk, E; Klimczuk, T; Polkowska, Z; Grabowska, E; Zaleska-Medynska, A; Luczak, J	Highly Active TiO <sub>2</sub> Microspheres Formation in the Presence of Ethylammonium Nitrate Ionic Liquid	CATALYSTS	2018, 8, -	3,465	10.3390/catal8070279
80.	Ilieva, L; Venezia, AM; Petrova, P; Pantaleo, G; Liotta, LF;	Effect of Y Modified Ceria Support in Mono and Bimetallic Pd-Au	CATALYSTS	2018, 8, -	3,465	10.3390/catal8070283

	Zanella, R; Kaszkur, Z; Tabakova, T	Catalysts for Complete Benzene Oxidation				
81.	Kozak, M; Mazierski, P; Zebrowska, J; Kobylanski, M; Klimczuk, T; Lisowski, W; Trykowski, G; Nowaczyk, G; Zaleska-Medynska, A	Electrochemically Obtained TiO <sub>2</sub> /Cu <sub>x</sub> O <sub>y</sub> Nanotube Arrays Presenting a Photocatalytic Response in Processes of Pollutants Degradation and Bacteria Inactivation in Aqueous Phase	CATALYSTS	2018, 8, -	3,465	10.3390/catal8060237
82.	Pieta, IS; Epling, WS; Kazmierczuk, A; Lisowski, P; Nowakowski, R; Serwicka, EM	Waste into Fuel-Catalyst and Process Development for MSW Valorisation	CATALYSTS	2018, 8, -	3,465	10.3390/catal8030113
83.	Kosiel, K; Dominik, M; Scislewska, I; Kalisz, M; Guziewicz, M; Golaszewska, K; Niedziolka-Jonsson, J; Bock, WJ; Smietana, M	Alkali-resistant low-temperature atomic-layer-deposited oxides for optical fiber sensor overlays	NANOTECHNOLOGY	2018, 29, -	3,404	10.1088/1361-6528/aaa9a3
84.	Komar, KP; Ruminski, D; Zielinska, A; Kiluk, K; Palczewska, G; Palczewski, K; Wojtkowski, M	Two-photon visual sensitivity of human cones - a psychophysical study	INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE	2018, 59, -	3,388	
85.	Grulkowski, I; Maczynska, E; Rzeszewska, J; Jimenez-Villar, A; Wojtkowski, M; Kaluzny, B	Relation between IOP and air-puff-induced dynamics of ocular components in human eyes measured with full-eye-length SS-OCT	INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE	2018, 59, -	3,388	
86.	Neuhaus, M; Fuest, H; Seeger, M; Schotz, J; Trubetskov, M; Russbueltd, P; Hoffmann, HD; Riedle, E; Major, Z; Pervak, V; Kling, MF; Wnuk, P	10 W CEP-stable few-cycle source at 2 $\mu$ m with 100 kHz repetition rate	OPTICS EXPRESS	2018, 26, 16074 - 16085	3,356	10.1364/OE.26.016074

87.	Szczepanek, J; Kardas, TM; Radzewicz, C; Stepanenko, Y	Nonlinear polarization evolution of ultrashort pulses in polarization maintaining fibers	OPTICS EXPRESS	2018, 26, 13590 - 13604	3,356	10.1364/OE.26.013590
88.	Witkowska, E; Korsak, D; Kowalska, A; Janeczek, A; Kaminska, A	Strain-level typing and identification of bacteria - a novel approach for SERS active plasmonic nanostructures	ANALYTICAL AND BIOANALYTICAL CHEMISTRY	2018, 410, 5019 - 5031	3,307	10.1007/s00216-018-1153-0
89.	Kityk, AA; Rublova, YD; Kelm, A; Malyshev, VV; Bannyk, NG; Flis-Kabulska, I	Kinetics and mechanism of corrosion of mild steel in new types of ionic liquids	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	2018, 823, 234 - 244	3,235	10.1016/j.jelechem.2018.06.018
90.	Jedraszko, J; Adamiak, W; Nogala, W; Girault, HH; Opallo, M	SECM study of hydrogen photogeneration in a 1,2-dichloroethane vertical bar water biphasic system with decamethylruthenocene electron donor regeneration	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	2018, 819, 101 - 106	3,235	10.1016/j.jelechem.2017.09.026
91.	Jedraszko, J; Michalak, M; Jonsson-Niedziolka, M; Nogala, W	Hopping mode SECM imaging of redox activity in ionic liquid with glass-coated inlaid platinum nanoelectrodes prepared using a heating coil puller	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	2018, 815, 231 - 237	3,235	10.1016/j.jelechem.2018.03.032
92.	Michalska, M; Iwan, A; Andrzejczuk, M; Roguska, A; Sikora, A; Boharewicz, B; Tazbir, I; Hreniak, A; Poplonski, S; Korona, KP	Analysis of the surface decoration of TiO <sub>2</sub> grains using silver nanoparticles obtained by ultrasonochemical synthesis towards organic photovoltaics	NEW JOURNAL OF CHEMISTRY	2018, 42, 7340 - 7354	3,201	10.1039/c7nj05180h
93.	Gorski, K; Mech-Piskorz, J; Noworyta, K; Lesniewska, B; Pietraszkiewicz, M	Efficient synthesis of 5-oxatruvone and the unusual influence of oxygen heteroatom on its physico-chemical properties	NEW JOURNAL OF CHEMISTRY	2018, 42, 5844 - 5852	3,201	10.1039/c7nj04729k

94.	Karami, K; Alinaghi, M; Amirghofran, Z; Lipkowski, J; Momtazi-Borojeni, AA	A saccharinate-bridged palladacyclic dimer with a Pd-Pd bond: experimental and molecular docking studies of the interaction with DNA and BSA and in vitro cytotoxicity against human cancer cell lines	NEW JOURNAL OF CHEMISTRY	2018, 42, 574 - 586	3,201	10.1039/c7nj03138f
95.	Tenno, R; Gunjima, Y; Yoshii, M; Kitahata, H; Gorecki, J; Suematsu, NJ; Nakata, S	Period of Oscillatory Motion of a Camphor Boat Determined by the Dissolution and Diffusion of Camphor Molecules	JOURNAL OF PHYSICAL CHEMISTRY B	2018, 122, 2610 - 2615	3,146	10.1021/acs.jpcc.7b11903
96.	Kowalska, D; Szalkowski, M; Ashraf, K; Grzelak, J; Lokstein, H; Niedziolka-Jonsson, J; Cogdell, R; Mackowski, S	Spectrally selective fluorescence imaging of <i>Chlorobaculum tepidum</i> reaction centers conjugated to chelator-modified silver nanowires	PHOTOSYNTHESIS RESEARCH	2018, 135, 329 - 336	3,091	10.1007/s11120-017-0455-y
97.	Czapla-Masztafiak, J; Kubas, A; Kayser, Y; Fernandes, DLA; Kwiatek, WM; Lipiec, E; Deacon, GB; Al-Jorani, K; Wood, BR; Szlachetko, J; Sa, J	Mechanism of hydrolysis of a platinum(IV) complex discovered by atomic telemetry	JOURNAL OF INORGANIC BIOCHEMISTRY	2018, 187, 56 - 61	3,063	10.1016/j.jinorgbio.2018.07.012
98.	Golabiewska, A; Paszkiewicz-Gawron, M; Sadzinska, A; Lisowski, W; Grabowska, E; Zaleska-Medynska, A; Luczak, J	Fabrication and photoactivity of ionic liquid-TiO <sub>2</sub> structures for efficient visible-light-induced photocatalytic decomposition of organic pollutants in aqueous phase	BEILSTEIN JOURNAL OF NANOTECHNOLOGY	2018, 9, 580 - 590	2,968	10.3762/bjnano.9.54
99.	Parnicka, P; Mazierski, P; Grzyb, T; Lisowski, W; Kowalska, E; Ohtani, B; Zaleska-Medynska, A; Nadolna, J	Influence of the preparation method on the photocatalytic activity of Nd-modified TiO <sub>2</sub>	BEILSTEIN JOURNAL OF NANOTECHNOLOGY	2018, 9, 447 - 459	2,968	10.3762/bjnano.9.43

100.	Colmenares, JC; Lisowski, P; Lomot, D	A novel biomass-based support (Starbon) for TiO <sub>2</sub> hybrid photocatalysts: a versatile green tool for water purification (vol 3, pg 20186, 2013)	RSC ADVANCES	2018, 8, 22321 - 22321	2,936	10.1039/c8ra90052c
101.	Kuczynska, D; Kwasniak, P; Pisarek, M; Borowicz, P; Garbacz, H	Influence of surface pattern on the biological properties of Ti grade 2	MATERIALS CHARACTERIZATION	2018, 135, 337 - 347	2,892	10.1016/j.matchar.2017.09.024
102.	Cyza, M; Gut, A; Lapok, L; Solarski, J; Knyukshto, V; Kepczynski, M; Nowakowska, M	Iodinated zinc phthalocyanine - The novel visible-light activated photosensitizer for efficient generation of singlet oxygen	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	2018, 358, 265 - 273	2,891	10.1016/j.jphotochem.2018.03.030
103.	Gorski, A; Knyukshto, V; Zenkevich, E; Starukhin, A; Kijak, M; Solarski, J; Semeikin, A; Lyubimova, T	Temperature dependent steric hindrance effects in triplet state relaxation of meso-phenyl-substituted Pd-octaethylporphyrins	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	2018, 354, 101 - 111	2,891	10.1016/j.jphotochem.2017.09.002
104.	Bartel, M; Wysocka, B; Krug, P; Kepinska, D; Kijewska, K; Blanchard, GJ; Kaczynska, K; Lubelska, K; Wiktorska, K; Glowala, P; Wilczek, M; Pisarek, M; Szczytko, J; Twardowski, A; Mazur, M	Magnetic polymer microcapsules loaded with Nile Red fluorescent dye	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2018, 195, 148 - 156	2,88	10.1016/j.saa.2018.01.056
105.	Witkowska, E; Jagielski, T; Kaminska, A	Genus- and species-level identification of dermatophyte fungi by surface-enhanced Raman spectroscopy	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2018, 192, 285 - 290	2,88	10.1016/j.saa.2017.11.008
106.	Szady-Chelmieniecka, A; Kolodziej, B; Morawiak, M; Kamienski, B; Schilf, W	Spectroscopic studies of the intramolecular hydrogen bonding in o-hydroxy Schiff bases, derived from diaminomaleonitrile, and their	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR	2018, 189, 330 - 341	2,88	10.1016/j.saa.2017.08.028

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107.	Gocyla, M; Dolinska, J; Rostkowska, N; Opallo, M	Electrochemical Detection of Positively Charged Carbon Nanoparticles Suspension in Flow	ELECTROANALYSIS	2018, 30, 1965 - 1970	2,851	10.1002/elan.201800178
108.	Pekalski, J; Ciach, A	Orientational ordering of lamellar structures on closed surfaces	JOURNAL OF CHEMICAL PHYSICS	2018, 148, -	2,843	10.1063/1.5026112
109.	Kumagai, T; Ladenthin, JN; Litman, Y; Rossi, M; Grill, L; Gawinkowski, S; Waluk, J; Persson, M	Quantum tunneling in real space: Tautomerization of single porphycene molecules on the (111) surface of Cu, Ag, and Au	JOURNAL OF CHEMICAL PHYSICS	2018, 148, -	2,843	10.1063/1.5004602
110.	Szczepaniak, U; Kolos, R; Gronowski, M; Chevalier, M; Guillemin, JC; Crepin, C	Synthesis and Electronic Phosphorescence of Dicyanooctatetrayne (NC10N) in Cryogenic Matrixes	JOURNAL OF PHYSICAL CHEMISTRY A	2018, 122, 5580 - 5588	2,836	10.1021/acs.jpca.8b02700
111.	Szczepaniak, U; Kolos, R; Gronowski, M; Guillemin, JC; Crepin, C	Low Temperature Synthesis and Phosphorescence of Methylcyanotriacetylene	JOURNAL OF PHYSICAL CHEMISTRY A	2018, 122, 89 - 99	2,836	10.1021/acs.jpca.7b09728
112.	Kotowicz, S; Sek, D; Kula, S; Fabianczyk, A; Siwy, M; Filapek, M; Szlapa-Kula, A; Malecki, JG; Jonsson-Niedziolka, M; Niedziolka-Jonsson, J; Smolarek, K; Mackowski, S; Schab-Balcerzak, E	Malononitrile derivatives as push-pull molecules: Structure - properties relationships characterization	JOURNAL OF LUMINESCENCE	2018, 203, 455 - 466	2,732	10.1016/j.jlumin.2018.06.071
113.	Hanczyc, P; Justyniarski, A; Kim, J; Mikhailovsky, A; Ivanova, M	Surface patterns of insulin fibrils revealed by time-resolved spectroscopy measurements of fluorescent probes	JOURNAL OF LUMINESCENCE	2018, 201, 31 - 37	2,732	10.1016/j.jlumin.2018.03.038



114.	Kondrat, S; Vasilyev, OA; Dietrich, S	Probing interface localization-delocalization transitions by colloids	JOURNAL OF PHYSICS-CONDENSED MATTER	2018, 30, -	2,617	10.1088/1361-648X/aadead
115.	Loiko, P; Serres, JM; Delekta, SS; Kifle, E; Boguslawski, J; Kowalczyk, M; Sotor, J; Aguilo, M; Diaz, F; Griebner, U; Petrov, V; Popov, S; Li, JT; Mateos, X; Ostling, M	Inkjet-printing of graphene saturable absorbers for similar to 2 $\mu$ m bulk and waveguide lasers	OPTICAL MATERIALS EXPRESS	2018, 8, 2803 - 2814	2,566	10.1364/OME.8.002803
116.	Loiko, P; Boguslawski, J; Serres, JM; Kifle, E; Kowalczyk, M; Mateos, X; Sotor, J; Zybala, R; Mars, K; Mikula, A; Kaszyca, K; Aguilo, M; Diaz, F; Griebner, U; Petrov, V	Sb <sub>2</sub> Te <sub>3</sub> thin film for the passive Q-switching of a Tm:GdVO <sub>4</sub> laser	OPTICAL MATERIALS EXPRESS	2018, 8, 1723 - 1732	2,566	10.1364/OME.8.001723
117.	Kubas, A; Maszota, P	Theoretical Insights into the Unique Ligation of [Fe <sub>4</sub> S <sub>4</sub> ] Iron-Sulfur Clusters	EUROPEAN JOURNAL OF INORGANIC CHEMISTRY	2018, , 2419 - 2428	2,507	10.1002/ejic.201800165
118.	Szalkowski, M; Sulowska, K; Grzelak, J; Niedziolka-Jonsson, J; Rozniecka, E; Kowalska, D; Mackowski, S	Wide-Field Fluorescence Microscopy of Real-Time Bioconjugation Sensing	SENSORS	2018, 18, -	2,475	10.3390/s18010290
119.	Morgado, G; Nowakowski, B; Lemarchand, A	Scaling of submicrometric Turing patterns in concentrated growing systems	PHYSICAL REVIEW E	2018, 98, -	2,284	10.1103/PhysRevE.98.032213
120.	Roy, S; Dietrich, S; Maciolek, A	Solvent coarsening around colloids driven by temperature gradients	PHYSICAL REVIEW E	2018, 97, -	2,284	10.1103/PhysRevE.97.042603
121.	Menesguen, Y; Lepy, MC; Honicke, P; Muller, M; Unterumsberger, R; Beckhoff, B; Hoszowska, J; Dousse, JC;	Experimental determination of the x-ray atomic fundamental parameters of nickel	METROLOGIA	2018, 55, 56 - 66	2,275	10.1088/1681-7575/aa9b12

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122.	Karami, K; Alinaghi, M; Amirghofran, Z; Lipkowski, J	Synthesis and characterization of two new trans palladium (II) complexes containing benzylamine ligand: DNA/BSA interactions, molecular docking and in vitro cytotoxic activity	INORGANICA CHIMICA ACTA	2018, 471, 797 - 807	2,264	10.1016/j.ica.2017.02.027
123.	Szymborski, T; Jankowski, P; Ogonczyk, D; Garstecki, P	An FEP Microfluidic Reactor for Photochemical Reactions	MICROMACHINES	2018, 9, -	2,222	10.3390/mi9040156
124.	Sa, J; Garlisi, C; Palmisano, G; Czaplak-Masztafiak, J; Kayser, Y; Szlachetko, J	Differences between bulk and surface electronic structure of doped TiO2 with soft-elements (C, N and S)	MATERIALS CHEMISTRY AND PHYSICS	2018, 208, 281 - 288	2,21	10.1016/j.matchemphys.2018.01.041
125.	Kolodziej, M; Lalik, E; Colmenares, JC; Lisowski, R; Gurgul, J; Duraczynska, D; Drelinkiewicz, A	Physicochemical and catalytic properties of Pd/MoO3 prepared by the sonophotodeposition method	MATERIALS CHEMISTRY AND PHYSICS	2018, 204, 361 - 372	2,21	10.1016/j.matchemphys.2017.10.060
126.	Munteanu, G; Petrova, P; Ivanov, I; Liotta, LF; Kaszkur, Z; Tabakova, T; Ilieva, L	Temperature-programmed reduction of lightly yttrium-doped Au/CeO2 catalysts Correlation between oxygen mobility and WGS activity	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2018, 131, 145 - 154	2,209	10.1007/s10973-017-6475-1
127.	Puzan, AN; Baumer, VN; Lisovytskiy, DV; Mateychenko, PV	Structure disordering and thermal decomposition of manganese oxalate dihydrate, MnC2O4 center dot 2H(2)O	JOURNAL OF SOLID STATE CHEMISTRY	2018, 260, 87 - 94	2,179	10.1016/j.jssc.2018.01.022

128.	Masternak, J; Zienkiewicz-Machnik, M; Kazimierczuk, K; Barszcz, B	Structural motifs in the Cu(II), Mn(II) and Zn(II) complexes based on N,N,N-donor dipodal or N,N,N,N-donor tripodal ligands obtained in situ: Synthesis, crystal structures and xanthine oxidase inhibition properties	POLYHEDRON	2018, 142, 93 - 104	2,067	10.1016/j.poly.2017.12.012
129.	Ciacka, P; Rampur, A; Heidt, A; Feurer, T; Klimczak, M	Dispersion measurement of ultra-high numerical aperture fibers covering thulium, holmium, and erbium emission wavelengths	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2018, 35, 1301 - 1307	2,048	10.1364/JOSAB.35.001301
130.	Vdovin, A; Karpiuk, E; Lipkowski, J; Listkowski, A; Kijak, M; Grabowska, A; Sepiol, J	2,5-bis(2 <sup>-</sup> -benzoxazolyl)hydroquinone (BBHQ), a dually fluorescent ESIPT system revisited: XRD analysis and supersonic jet studies of deuterated species	JOURNAL OF MOLECULAR STRUCTURE	2018, 1171, 843 - 849	2,011	10.1016/j.molstruc.2018.06.047
131.	Ceborska, M	Structural investigation of solid state host/guest complexes of native cyclodextrins with monoterpenes and their simple derivatives	JOURNAL OF MOLECULAR STRUCTURE	2018, 1165, 62 - 70	2,011	10.1016/j.molstruc.2018.03.114
132.	Jablonski, A	Modeling and parameterization of photoelectrons emitted in condensed matter by linearly polarized synchrotron radiation	SURFACE SCIENCE	2018, 667, 121 - 137	1,997	10.1016/j.susc.2017.10.008
133.	Olszowska, I; Deacon, P; Lindsay, M; Lesniewski, A; Niedziolka-Jonsson, J; Farrugia, K	An alternative carrier solvent for fingerprint enhancement reagents	FORENSIC SCIENCE INTERNATIONAL	2018, 284, 53 - 64	1,974	10.1016/j.forsciint.2017.12.012
134.	Kovalska, V; Chernii, S; Losytskyy, M; Ostapko, J; Tretyakova, I; Gorski, A; Chernii,	Activity of Zn and Mg phthalocyanines and porphyrazines	JOURNAL OF MOLECULAR	2018, 31, -	1,868	10.1002/jmr.2660

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135.	Malyshev, V; Michota-Kaminska, A; Shao, S; D'Souza, F; Noworyta, K	Determination of Asymmetric Dimethylarginine by Using Organic Semiconductor-Based Molecularly Imprinted Polymer Film	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY	2018, 7, Q3189 - Q3195	1,808	10.1149/2.0271807jss
136.	Mal, S; Pietraszkiewicz, M; Pietraszkiewicz, O	Luminescent studies of binuclear ternary europium(III) pyridineoxide tetrazolate complexes containing bis-phosphine oxide as auxiliary co-ligands	LUMINESCENCE	2018, 33, 370 - 375	1,671	10.1002/bio.3423
137.	Bonarowska, M; Zielinski, M; Matus, K; Sa, J; Srebowata, A	Influence of microwave activation on the catalytic behavior of Pd-Au/C catalysts employed in the hydrodechlorination of tetrachloromethane	REACTION KINETICS MECHANISMS AND CATALYSIS	2018, 124, 375 - 388	1,515	10.1007/s11144-018-1364-6
138.	Nowakowski, B; Kawczynski, AL	Stochastic transitions between attractors in a tristable thermochemical system: competition between stable states	REACTION KINETICS MECHANISMS AND CATALYSIS	2018, 123, 189 - 199	1,515	10.1007/s11144-017-1294-8
139.	Dabrowa, K; Ceborska, M; Jurczak, J	Solid-state entrapment of water clusters by 26-membered pentamide unclosed cryptands - probing the para-substituent effect	SUPRAMOLECULAR CHEMISTRY	2018, 30, 464 - 472	1,451	10.1080/10610278.2017.1418877
140.	Dylewski, M; Cwiklinska, M; Potrykus, K	A search for the in trans role of GraL, an Escherichia coli small RNA	ACTA BIOCHIMICA POLONICA	2018, 65, 141 - 149	1,239	10.18388/abp.2018_2562
141.	Knyukshto, VN; Starukhin, AS; Kruk, MM; Gorskii, AV	Radiative Deactivation of Lowest Singlet and Triplet Excited States of Water-Soluble Porphyrins	JOURNAL OF APPLIED SPECTROSCOPY	2018, 84, 960 - 965	0,611	10.1007/s10812-018-0571-2

142.	Palczewska, G; Stremplewski, P; Suh, S; Alexander, N; Salom, D; Dong, ZQ; Ruminski, D; Choi, EH; Sears, AE; Kern, TS; Wojtkowski, M; Palczewski, K	Two-photon imaging of the mammalian retina with ultrafast pulsing laser	JCI INSIGHT	2018, 3, -		10.1172/jci.insight.121555
143.	Pavliuk, MV; Abdellah, M; Sa, J	Hydrogen evolution with CsPbBr <sub>3</sub> perovskite nanocrystals under visible light in solution	MATERIALS TODAY COMMUNICATIONS	2018, 16, 90 - 96		10.1016/j.mtcomm.2018.05.001
144.	Kobylanski, MP; Mazierski, P; Malankowska, A; Kozak, M; Diak, M; Winiarski, MJ; Klimczuk, T; Lisowski, W; Nowaczyk, G; Zaleska-Medynska, A	TiO <sub>2</sub> -Co <sub>x</sub> O <sub>y</sub> composite nanotube arrays via one step electrochemical anodization for visible light-induced photocatalytic	SURFACES AND INTERFACES	2018, 12, 179 - 189		10.1016/j.surfin.2018.06.001
145.	Grala, A; Wolska-Pietkiewicz, M; Wrobel, Z; Ratajczyk, T; Kunczewicz, J; Lewinski, J	Remarkable water-soluble ZnO nanocrystals: from "click" functionalization to a supramolecular aggregation enhanced emission phenomenon	MATERIALS CHEMISTRY FRONTIERS	2018, 2, 1104 - 1111		10.1039/c7qm00586e
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