	Czasopismo	Autorzy	Tytuł	Rok, tom, strony	MNiSW	IF
1	REVIEWS OF MODERN PHYSICS	Maciolek, Anna; Dietrich, Siegfried	Collective behavior of colloids due to critical Casimir interactions	2018, 90, UNSP 045001	50	36,367
2	MATERIALS TODAY	Hattori, Yocefu; Abdellah, Mohamed; Rocha, Igor; Pavliuk, Mariia V.; Fernandes, Daniel L. A.; Sa, Jacinto	Light-induced ultrafast proton-coupled electron transfer responsible for H-2 evolution on silver plasmonics	2018, 21, 590-593	45	24,537
3	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	Bury, Wojciech; Walczak, Anna M.; Leszczynski, Michal K.; Navarro, Jorge A. R.	Rational Design of Noncovalent Diamondoid Microporous Materials for Low-Energy Separation of C-6-Hydrocarbons	2018, 140, 15031-15037	45	14,357
4	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	Kubicki, Dominik J.; Prochowicz, Daniel; Hofstetter, Albert; Saski, Marcin; Yadav, Pankaj; Bi, Dongqin; Pellet, Norman; Lewinski, Janusz; Zakeeruddin, Shaik M.; Gratzel, Michael; Emsley, Lyndon	Formation of Stable Mixed Guanidinium-Methylammonium Phases with Exceptionally Long Carrier Lifetimes for High-Efficiency Lead Iodide-Based Perovskite Photovoltaics	2018, 140, 3345-3351	45	14,357
5	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	Kubicki, Dominik J.; Prochowicz, Daniel; Hofstetter, Albert; Zakeeruddin, Shaik M.; Graetzel, Michael; Emsley, Lyndon	Phase Segregation in Potassium-Doped Lead Halide Perovskites from K-39 Solid-State NMR at 21.1 T	2018, 140, 7232-7238	45	14,357
6	ACS NANO	Breitsprecher, Konrad; Holm, Christian; Kondrat, Svyatoslav	Charge Me Slowly, I Am in a Hurry: Optimizing Charge-Discharge Cycles in Nanoporous Supercapacitors	2018, 12, 9733-9741	45	13,709
7	ADVANCED FUNCTIONAL MATERIALS	Boguslawski, Jakub; Wang, Yadong; Xue, Hui; Yang, Xiaoxia; Mao, Dong; Gan, Xuetao; Ren, Zhaoyu; Zhao, Jianlin; Dai, Qing; Sobon, Grzegorz; Sotor, Jaroslaw; Sun, Zhipei	Graphene Actively Mode-Locked Lasers	2018, 28, 1801539	45	13,325
8	ADVANCED FUNCTIONAL MATERIALS	Costantini, Marco; Guzowski, Jan; Zuk, Pawel J.; Mozetic, Pamela; De Panfilis, Simone; Jaroszewicz, Jakub; Heljak, Marcin; Massimi, Mara; Pierron, Maxime; Trombetta, Marcella; Dentini, Mariella; Swieszkowski, Wojciech; Rainer, Alberto; Garstecki, Piotr; Barbetta, Andrea	Electric Field Assisted Microfluidic Platform for Generation of Tailorable Porous Microbeads as Cell Carriers for Tissue Engineering	2018, 28, 1800874	45	13,325
9	MATERIALS HORIZONS	Szlachetko, Jakub; Kubas, Adam; Cieslak, Anna Maria; Sokolowski, Kamil; Makolski, Lukasz; Czapla-Masztafiak, Joanna; Sa, Jacinto; Lewinski, Janusz	Hidden gapless states during thermal transformations of preorganized zinc alkoxides to zinc oxide nanocrystals	2018, 5, 905-911	45	13,183
10	NANO ENERGY	Prochowicz, Daniel; Yadav, Pankaj; Saliba, Michael; Kubicki, Dominik J.; Tavakoli, Mohammad Mahdi; Zakeeruddin, Shaik M.; Lewinski, Janusz; Emsley, Lyndon; Gratzel, Michael	One-step mechanochemical incorporation of an insoluble cesium additive for high performance planar heterojunction solar cells	2018, 49, 523-528	45	13,12

11	NANO LETTERS	Boeckmann, Hannes; Gawinkowski, Sylwester; Waluk, Jacek; Raschke, Markus B.; Wolf, Martin; Kumagai, Takashi	Near-Field Enhanced Photochemistry of Single Molecules in a Scanning Tunneling Microscope Junction	2018, 18, 152-157	45	12,08
12	APPLIED CATALYSIS B-ENVIRONMENTAL	Krukowska, Anna; Winiarski, Michal Jerzy; Strychalska-Nowak, Judyta; Klimczuk, Tomasz; Lisowski, Wojciech; Mikolajczyk, Alicja; Pinto, Henry P.; Puzyn, Tomasz; Grzyb, Tomasz; Zaleska-Medynska, Adriana	Rare earth ions doped K2Ta2O6 photocatalysts with enhanced UV-vis light activity	2018, 224, 451-468	45	11,698
13	APPLIED CATALYSIS B-ENVIRONMENTAL	Czelej, Kamil; Cwieka, Karol; Colmenares, Juan C.; Kurzydlowski, Krzysztof J.	Catalytic activity of NiO cathode in molten carbonate fuel cells	2018, 222, 73-75	45	11,698
14	ACS CATALYSIS	Jelinska, Aldona; Bienkowski, Krzysztof; Jadwiszczak, Michal; Pisarek, Marcin; Strawski, Marcin; Kurzydlowski, Dominik; Solarska, Renata; Augustynski, Jan	Enhanced Photocatalytic Water Splitting on Very Thin WO3 Films Activated by High-Temperature Annealing	2018, 8, 10573-10580	45	11,384
15	ACS CATALYSIS	Szewczyk, Magdalena; Sobczak, Grzegorz; Sashuk, Volodymyr	Photoswitchable Catalysis by a Small Swinging Molecule Confined on the Surface of a Colloidal Particle	2018, 8, 2810-2814	45	11,384
16	JOURNAL OF MATERIALS CHEMISTRY A	Prochowicz, Daniel; Tavakoli, Mohammad Mahdi; Solanki, Ankur; Goh, Teck Wee; Pandey, Kavita; Sum, Tze Chien; Saliba, Michael; Yadav, Pankaj	Understanding the effect of chlorobenzene and isopropanol anti-solvent treatments on the recombination and interfacial charge accumulation in efficient planar perovskite solar cells	2018, 6, 14307-14314	40	9,931
17	JOURNAL OF MATERIALS CHEMISTRY A	Kiliszek, Malgorzata; Harputlu, Ersan; Szalkowski, Marcin; Kowalska, Dorota; Unlu, C. Gokhan; Haniewicz, Patrycja; Abram, Mateusz; Wiwatowski, Kamil; Niedziolka-Jonsson, Joanna; Mackowski, Sebastian; Ocakoglu, Kasim; Kargul, Joanna	Orientation of photosystem I on graphene through cytochrome c(553) leads to improvement in photocurrent generation	2018, 6, 18615-18626	40	9,931
18	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	Piatkowski, Lukasz; Schanbacher, Christina; Wackenhut, Frank; Jamrozik, Agnieszka; Meixner, Alfred J.; Waluk, Jacek	Nature of Large Temporal Fluctuations of Hydrogen Transfer Rates in Single Molecules	2018, 9, 1211-1215	45	8,709
19	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	Rosspeintner, Arnulf; Koch, Marius; Angulo, Gonzalo; Vauthey, Eric	Salt Effect in Ion-Pair Dynamics after Bimolecular Photoinduced Electron Transfer in a Room-Temperature Ionic Liquid	2018, 9, 7015-7020	45	8,709
20	BIOSENSORS & BIOELECTRONICS	Dabrowski, Marcin; Lach, Patrycja; Cieplak, Maciej; Kutner, Wlodzimierz	Nanostructured molecularly imprinted polymers for protein chemosensing	2018, 102, 17-26	40	8,173
21	BIOSENSORS & BIOELECTRONICS	Sharma, Piyush Sindhu; Iskierko, Zofia; Noworyta, Krzysztof; Cieplak, Maciej; Borowicz, Pawel; Lisowski, Wojciech; D'Souza, Francis; Kutner, Wlodzimierz	Synthesis and application of a "plastic antibody" in electrochemical microfluidic platform for oxytocin determination	2018, 100, 251-258	40	8,173

22	BIOSENSORS & BIOELECTRONICS	Iskierko, Zofia; Noworyta, Krzysztof; Sharma, Piyush Sindhu	Molecular recognition by synthetic receptors: Application in field-effect transistor based chemosensing	2018, 109, 50-62	40	8,173
23	ACS APPLIED MATERIALS & INTERFACES	Roguska, Agata; Belcarz, Anna; Zalewska, Justyna; Holdynski, Marcin; Andrzejczuk, Mariusz; Pisarek, Marcin; Ginalska, Grazyna	Metal TiO2 Nanotube Layers for the Treatment of Dental Implant Infections	2018, 10, 17089-17099	40	8,097
24	ACS APPLIED MATERIALS & INTERFACES	Bartold, Katarzyna; Pietrzyk-Le, Agnieszka; Golebiewska, Karolina; Lisowski, Wojciech; Cauteruccio, Silvia; Licandro, Emanuela; D'Souza, Francis; Kutner, Wlodzimierz	Oligonucleotide Determination via Peptide Nucleic Acid Macromolecular Imprinting in an Electropolymerized CG-Rich Artificial Oligomer Analogue	2018, 10, 27562-27569	40	8,097
25	NANOSCALE	Krzyzewska, Klaudyna; Jaroch, Tomasz; Maranda-Niedbala, Agnieszka; Pociecha, Damian; Gorecka, Ewa; Ahmed, Ziauddin; Welch, Chris; Mehl, Georg H.; Pron, Adam; Nowakowski, Robert	Supramolecular organization of liquid-crystal dimers - bis-cyanobiphenyl alkanes on HOPG by scanning tunneling microscopy	2018, 10, 16201-16210	40	7,233
26	DRUG DISCOVERY TODAY	Richter, Lukasz; Janczuk-Richter, Marta; Niedziolka-Jonsson, Joanna; Paczesny, Jan; Holyst, Robert	Recent advances in bacteriophage-based methods for bacteria detection	2018, 23, 448-455	45	6,848
27	JOURNAL OF CATALYSIS	Udachyan, Iranna; Vishwanath, R. S.; Kumara, C. S. Pradeepa; Kandaiah, Sakthivel	Ruthenium ion containing N and S rich triazine based metallopolymer as a low overpotential acid stable electrocatalyst for hydrogen evolution	2018, 357, 138-146	45	6,759
28	JOURNAL OF CATALYSIS	Krukowska, Anna; Trykowski, Grzegorz; Lisowski, Wojciech; Klimczuk, Tomasz; Winiarski, Michal Jerzy; Zaleska-Medynska, Adriana	Monometallic nanoparticles decorated and rare earth ions doped KTaO3/K2Ta2O6 photocatalysts with enhanced pollutant decomposition and improved H-2 generation	2018, 364, 371-381	45	6,759
29	ENVIRONMENTAL SCIENCE & TECHNOLOGY	Kostenidou, Evangelia; Karnezi, Eleni; Kolodziejczyk, Agata; Szmigielski, Rafal; Pandis, Spyros N.	Physical and Chemical Properties of 3-Methyl-1,2,3-butanetricarboxylic Acid (MBTCA) Aerosol	2018, 52, 1150-1155	45	6,653
30	CHEMICAL COMMUNICATIONS	Kosiorek, Sandra; Butkiewicz, Helena; Danylyuk, Oksana; Sashuk, Volodymyr	Pillar[6]pyridinium: a hexagonally shaped molecular box that selectively recognizes multicharged anionic species	2018, 54, 6316-6319	40	6,29
31	CHEMICAL COMMUNICATIONS	Bhunia, Asamanjoy; Johnson, Ben A.; Czapla-Masztafiak, Joanna; Sa, Jacinto; Ott, Sascha	Formal water oxidation turnover frequencies from MIL-101(Cr) anchored Ru(bda) depend on oxidant concentration	2018, 54, 7770-7773	40	6,29
32	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	Pancielejko, Anna; Mazierski, Pawel; Lisowski, Wojciech; Zaleska-Medynska, Adriana; Kosek, Klaudia; Luczak, Justyna	Facile Formation of Self-Organized TiO2 Nanotubes in Electrolyte Containing Ionic Liquid-Ethylammonium Nitrate and Their Remarkable Photocatalytic Properties	2018, 6, 14510-14522	40	6,14

33	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	Malankowska, Anna; Kobylanski, Marek P.; Mikolajczyk, Alicja; Cavdar, Onur; Nowaczyk, Grzegorz; Jarek, Marcin; Lisowski, Wojciech; Michalska, Monika; Kowalska, Ewa; Ohtani, Bunsho; Zaleska-Medynska, Adriana	TiO2 and NaTaO3 Decorated by Trimetallic Au/Pd/Pt Core-Shell Nanoparticles as Efficient Photocatalysts: Experimental and Computational Studies	2018, 6, 16665-16682	40	6,14
34	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	Paszkiewicz-Gawron, Marta; Dlugokecka, Marta; Lisowski, Wojciech; Paganini, Maria Cristina; Giamello, Elio; Klimczuk, Tomasz; Paszkiewicz, Monika; Grabowska, Ewelina; Zaleska-Medynska, Adriana; Luczak, Justyna	Dependence between Ionic Liquid Structure and Mechanism of Visible-Light-Induced Activity of TiO2 Obtained by Ionic-Liquid Assisted Solvothermal Synthesis	2018, 6, 3927-3937	40	6,14
35	ANALYTICAL CHEMISTRY	Nawara, Krzysztof; Rana, Anup; Panda, Pradeepta K.; Waluk, Jacek	Versatile Approach for Reliable Determination of Both High and Low Values of Luminescence Quantum Yields	2018, 90, 10139-10143	45	6,042
36	ANALYTICAL CHEMISTRY	Spolnik, Grzegorz; Wach, Paulina; Rudzinski, Krzysztof J.; Skotak, Krzysztof; Danikiewicz, Witold; Szmigielski, Rafal	Improved UHPLC-MS/MS Methods for Analysis of Isoprene-Derived Organosulfates	2018, 90, 3416-3423	45	6,042
37	ANALYTICAL CHEMISTRY	Podrazka, Marta; Nery, Emilia Witkowska; Pacowska, Aleksandra; Arrigan, Damien W. M.; Jonsson-Niedziolka, Martin	Paper-Based System for Ion Transfer Across the Liquid-Liquid Interface	2018, 90, 8727-8731	45	6,042
38	ULTRASONICS SONOCHEMISTRY	Colmenares, Juan Carlos; Nair, Vaishakh; Kuna, Ewelina; Lomot, Dariusz	Development of photocatalyst coated fluoropolymer based microreactor using ultrasound for water remediation	2018, 41, 297-302	45	6,012
39	LAB ON A CHIP	Postek, Witold; Gargulinski, Pawel; Scheler, Ott; Kaminski, Tomasz S.; Garstecki, Piotr	Microfluidic screening of antibiotic susceptibility at a single-cell level shows the inoculum effect of cefotaxime on E-coli	2018, 18, 3668-3677	40	5,995
40	JOURNAL OF MATERIALS CHEMISTRY C	Top, Isil; Binions, Russell; Sol, Christian; Papakonstantinou, Ioannis; Holdynski, Marcin; Gaiaschi, Sofia; Abrahams, Isaac	Improved thermochromic properties in bilayer films of VO2 with ZnO, SnO2 and WO3 coatings for energy efficient glazing	2018, 6, 12555-12565	40	5,976
41	JOURNAL OF MATERIALS CHEMISTRY C	Justyniarski, Adrian; Zareba, Jan K.; Hanczyc, Piotr; Fita, Piotr; Choluj, Marta; Zalesny, Robert; Samoc, Marek	Utilizing formation of dye aggregates with aggregation-induced emission characteristics for enhancement of two-photon absorption	2018, 6, 4384-4388	40	5,976
42	JOURNAL OF MATERIALS CHEMISTRY C	Top, Isil; Binions, Russell; Warwick, Michael E. A.; Dunnill, Charles W.; Holdynski, Marcin; Abrahams, Isaac	VO2/TiO2 bilayer films for energy efficient windows with multifunctional properties	2018, 6, 4485-4493	40	5,976
43	SENSORS AND ACTUATORS B-CHEMICAL	Szymborski, Tomasz; Jankowski, Pawel; Garstecki, Piotr	Teflon microreactors for organic syntheses	2018, 255, 2274-2281	40	5,667

44	SENSORS AND ACTUATORS B-CHEMICAL	Grzelak, Justyna; Sulowska, Karolina; Lesniewski, Adam; Rozniecka, Ewa; Janczuk-Richter, Marta; Richter, Lukasz; Los, Marcin; Jonsson-Niedziolka, Martin; Mackowski, Sebastian; Niedziolka-Jonsson, Joanna	Capturing fluorescing viruses with silver nanowires	2018, 273, 689-695	40	5,667
45	TOPICS IN CURRENT CHEMISTRY	Khan, Ayesha; Nair, Vaishakh; Colmenares, Juan Carlos; Glaser, Roger	Lignin-Based Composite Materials for Photocatalysis and Photovoltaics	2018, 376, 20	40	5,537
46	ATMOSPHERIC CHEMISTRY AND PHYSICS	Nestorowicz, Klara; Jaoui, Mohammed; Rudzinski, Krzysztof Jan; Lewandowski, Michael; Kleindienst, Tadeusz E.; Spolnik, Grzegorz; Danikiewicz, Witold; Szmigielski, Rafal	Chemical composition of isoprene SOA under acidic and non-acidic conditions: effect of relative humidity	2018, 18, 18101-18121	45	5,509
47	JOURNAL OF CHEMICAL THEORY AND COMPUTATION	Balawender, Robert; Lesiuk, Michal; De Proft, Frank; Geerlings, Paul	Exploring Chemical Space with Alchemical Derivatives: BN-Simultaneous Substitution Patterns in C-60	2018, 14, 1154-1168	40	5,399
48	JOURNAL OF CHEMICAL THEORY AND COMPUTATION	Kubas, Adam; Verkamp, Max; Vura-Weis, Josh; Neese, Frank; Maganas, Dimitrios	Restricted Open-Shell Configuration Interaction Singles Study on M- and L-edge X-ray Absorption Spectroscopy of Solid Chemical Systems	2018, 14, 4320-4334	40	5,399
49	CHEMISTRY-A EUROPEAN JOURNAL	Zhang, Geping; Zhu, Hongxia; Chen, Mengjun; Pietraszkiewicz, Marek; Pietraszkiewicz, Oksana; Li, Hongguang; Hao, Jingcheng	Aggregation-Induced Emission of Eu-III Complexes Balanced with Bulky and Amphiphilic Imidazolium Cations in Ethanol/Water Binary Mixtures	2018, 24, 15912-15920	40	5,16
50	CHEMISTRY-A EUROPEAN JOURNAL	Obloza, Magdalena; Lapok, Lukasz; Solarski, Jedrzej; Pedzinski, Tomasz; Nowakowska, Maria	Facile Synthesis, Triplet-State Properties, and Electrochemistry of Hexaiodo-Subphthalocyanine	2018, 24, 17080-17090	40	5,16
51	CHEMISTRY-A EUROPEAN JOURNAL	Hamkalo, Michal; Fita, Piotr; Fedorynski, Michal; Makosza, Mieczyslaw	Interfacial Generation of a Carbanion: The Key Step of PTC Reaction Directly Observed by Second Harmonic Generation	2018, 24, 3975-3979	40	5,16
52	CHEMISTRY-A EUROPEAN JOURNAL	Wolska-Pietkiewicz, Malgorzata; Tokarska, Katarzyna; Grala, Agnieszka; Wojewodzka, Anna; Chwojnowska, Elzbieta; Grzonka, Justyna; Cywinski, Piotr J.; Kruczala, Krzysztof; Sojka, Zbigniew; Chudy, Michal; Lewinski, Janusz	Safe-by-Design Ligand-Coated ZnO Nanocrystals Engineered by an Organometallic Approach: Unique Physicochemical Properties and Low Toxicity toward Lung Cells	2018, 24, 4033-4042	40	5,16
53	CHEMISTRY-A EUROPEAN JOURNAL	Ostapko, Jakub; Kelm, Anna; Kijak, Michal; Lesniewska, Barbara; Waluk, Jacek	Two Macrocycles in One Shot: Synthesis, Spectroscopy, Photophysics, and Tautomerism of 23-Oxahemiporphycene and 21-Oxacorrole-5-carbaldehyde	2018, 24, 9884-9891	40	5,16

54	CARBOHYDRATE POLYMERS	Ceborska, Magdalena; Kedra-Krolik, Karolina; Kowalska, Aneta Aniela; Kozbial, Malgorzata	Comparative study of molecular recognition of folic acid subunits with cyclodextrins	2018, 184, 47-56	40	5,158
55	ELECTROCHIMICA ACTA	Lepicka, Kamila; Pieta, Piotr; Gupta, Ruma; Dabrowski, Marcin; Kutner, Wlodzimierz	A redox conducting polymer of a meso-Ni(II)-SaldMe monomer and its application for a multi-composite supercapacitor	2018, 268, 111-120	40	5,116
56	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	Kamniska, Agnieszka; Szymborski, Tomasz; Jaroch, Tomasz; Zmyslowski, Adam; Szterk, Arkadiusz	Gold-capped silicon for ultrasensitive SERS-biosensing: Towards human biofluids analysis	2018, 84, 208-217	30	5,08
57	JOURNAL OF ORGANIC CHEMISTRY	Potopnyk, Mykhaylo A.; Lytvyn, Roman; Danyliv, Yan; Ceborska, Magdalena; Bezvikonnyi, Oleksandr; Volyniuk, Dmytro; Grazulevicius, Juozas Vidas	N,O pi-Conjugated 4-Substituted 1,3-Thiazole BF2 Complexes: Synthesis and Photophysical Properties	2018, 83, 1095-1105	40	4,805
58	JOURNAL OF ORGANIC CHEMISTRY	Potopnyk, Mykhaylo A.; Volyniuk, Dmytro; Ceborska, Magdalena; Cmoch, Piotr; Hladka, Iryna; Danyliv, Yan; Grazulevicius, Juozas Vidas	Benzo[4,5]thiazolo[3,2-c][1,3,5,2]oxadiazaborinines: Synthesis, Structural, and Photophysical Properties	2018, 83, 12129-12142	40	4,805
59	JOURNAL OF ORGANIC CHEMISTRY	Kolodziejczyk, Agata; Domanski, Sywester; Chaladaj, Wojciech	Tandem Palladium-Catalyzed 6-exo-dig Oxocyclization Coupling of delta-Acetylenic beta-Ketoesters with Aryl Bromides and Chlorides: Route to Substituted Dihydropyrans	2018, 83, 12887-12896	40	4,805
60	JOURNAL OF ORGANIC CHEMISTRY	Masnyk, Marek; Butkiewicz, Aleksandra; Gorecki, Marcin; Luboradzki, Roman; Paluch, Piotr; Potrzebowski, Marek J.; Frelek, Jadwiga	In Depth Analysis of Chiroptical Properties of Enones Derived from Abietic Acid	2018, 83, 3547-3561	40	4,805
61	INORGANIC CHEMISTRY	Prochowicz, Daniel; Nawrocki, Jan; Terlecki, Michal; Marynowski, Wojciech; Lewinski, Janusz	Facile Mechanosynthesis of the Archetypal Zn-Based Metal-Organic Frameworks	2018, 57, 13437-13442	45	4,7
62	INORGANIC CHEMISTRY	Leszczynski, Michal K.; Kornowicz, Arkadiusz; Prochowicz, Daniel; Justyniak, Iwona; Noworyta, Krzysztof; Lewinski, Janusz	Straightforward Synthesis of Single-Crystalline and Redox-Active Cr(II)-carboxylate MOFs	2018, 57, 4803-4806	45	4,7
63	CHEMCATCHEM	Ozer, Luetfiye Y.; Apostoleris, Harry; Ravaux, Florent; Shylin, Sergii I.; Mamedov, Fikret; Lindblad, Andreas; Johansson, Fredrik O. L.; Chiesa, Matteo; Sa, Jacinto; Palmisano, Giovanni	Long-Lasting Non-hydrogenated Dark Titanium Dioxide: Medium Vacuum Anneal for Enhanced Visible Activity of Modified Multiphase Photocatalysts	2018, 10, 2949-2954	35	4,674

64	CHEMCATCHEM	Lisowski, Pawel; Colmenares, Juan Carlos; Masek, Ondrej; Lisowski, Wojciech; Lisovytskiy, Dmytro; Grzonka, Justyna; Kurzydlowski, Krzysztof	Design and Fabrication of TiO2/Lignocellulosic Carbon Materials: Relevance of Low-temperature Sonocrystallization to Photocatalysts Performance	2018, 10, 3469-3480	35	4,674
65	CHEMCATCHEM	Gizinski, Damian; Blachucki, Wojciech; Srebowata, Anna; Zienkiewicz-Machnik, Malgorzata; Goszewska, Ilona; Matus, Krzysztof; Lisovytskiy, Dmytro; Pisarek, Marcin; Szlachetko, Jakub; Sa, Jacinto	On-the-fly Catalyst Accretion and Screening in Chemoselective Flow Hydrogenation	2018, 10, 3641-3646	35	4,674
66	CHEMCATCHEM	Janiszewska, Ewa; Zielinski, Michal; Kot, Monika; Kowalewski, Emil; Srebowata, Anna	Aqueous-Phase Hydrodechlorination of Trichloroethylene on Ir Catalysts Supported on SBA-3 Materials	2018, 10, 4109-4118	35	4,674
67	CATALYSIS TODAY	Zienkiewicz-Machnik, Malgorzata; Goszewska, Ilona; Srebowata, Anna; Kubas, Adam; Gizinski, Damian; Slowik, Grzegorz; Matus, Krzysztof; Lisovytskiy, Dmytro; Pisarek, Marcin; Sa, Jacinto	Tuning nano-nickel selectivity with tin in flow hydrogenation of 6-methyl-5-hepten-2-one by surface organometallic chemistry modification	2018, 308, 38-44	40	4,667
68	ELECTROCHEMISTRY COMMUNICATIONS	Holdynski, Marcin; Dolinska, Joanna; Opallo, Marcin	Collisions of suspended Prussian Blue nanoparticles with a rotating disc electrode	2018, 86, 130-134	40	4,66
69	ELECTROCHEMISTRY COMMUNICATIONS	Gocyla, Mateusz; Pisarek, Marcin; Holdynski, Marcin; Opallo, Marcin	Electrochemical detection of graphene oxide	2018, 96, 77-82	40	4,66
70	SCIENCE OF THE TOTAL ENVIRONMENT	Bonarowska, Magdalena; Matus, Krzysztof; Srebowata, Anna; Sa, Jacinto	Application of silica-supported Ir and Ir-M (M=Pt, Pd, Au) catalysts for low-temperature hydrodechlorination of tetrachloromethane	2018, 644, 287-297	40	4,61
71	APPLIED CATALYSIS A-GENERAL	Tarach, Karolina A.; Srebowata, Anna; Kowalewski, Emil; Golabek, Kinga; Kostuch, Aldona; Kruczala, Krzysztof; Girman, Vladimir; Gora-Marek, Kinga	Nickel loaded zeolites FAU and MFI: Characterization and activity in water-phase hydrodehalogenation of TCE	2018, 568, 64-75	40	4,521
72	JOURNAL OF MOLECULAR LIQUIDS	Ciach, A.	Simple theory for oscillatory charge profile in ionic liquids near a charged wall	2018, 270, 138-144	30	4,513
73	JOURNAL OF PHYSICAL CHEMISTRY C	Yadav, Pankaj; Turren-Cruz, Silver-Hamill; Prochowicz, Daniel; Tavakoli, Mohammad Mahdi; Pandey, Kavita; Zakeeruddin, Shaik M.; Graetzel, Michael; Hagfeldt, Anders; Saliba, Michael	Elucidation of Charge Recombination and Accumulation Mechanism in Mixed Perovskite Solar Cells	2018, 122, 15149-15154	35	4,484
74	JOURNAL OF PHYSICAL CHEMISTRY C	Koniakhin, Sergei V.; Utesov, Oleg I.; Terterov, Ivan N.; Siklitskaya, Alexandra V.; Yashenkin, Andrey G.; Solnyshkov, Dmitry	Raman Spectra of Crystalline Nanoparticles: Replacement for the Phonon Confinement Model	2018, 122, 19219-19229	35	4,484

75	JOURNAL OF PHYSICAL CHEMISTRY C	Nakata, Satoshi; Kayahara, Katsuhiko; Yamamoto, Hiroya; Skrobanska, Paulina; Gorecki, Jerzy; Awazu, Akinori; Nishimori, Hiraku; Kitahata, Hiroyuki	Reciprocating Motion of a Self-Propelled Rotor Induced by Forced Halt and Release Operations	2018, 122, 3482-3487	35	4,484
76	APPLIED SURFACE SCIENCE	Marchelek, Martyna; Grabowska, Ewelina; Klimczuk, Tomasz; Lisowski, Wojciech; Giamello, Elio; Zaleska-Medynska, Adriana	Studies on novel BiyXz-TiO2/SrTiO3 composites: Surface properties and visible light-driven photoactivity	2018, 435, 1174-1186	35	4,439
77	APPLIED SURFACE SCIENCE	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	2018, 452, 223-231	35	4,439
78	APPLIED SURFACE SCIENCE	Lesiak, B.; Malolepszy, A.; Mazurkiewicz-Pawlicka, M.; Stobinski, L.; Kover, L.; Toth, J.; Mierzwa, B.; Trykowski, G.	A high stability AuPd-ZrO2-multiwall carbon nanotubes supported-catalyst in a formic acid electro-oxidation reaction	2018, 451, 289-297	35	4,439
79	APPLIED SURFACE SCIENCE	Krawczyk, Miroslaw; Lisowski, Wojciech; Pisarek, Marcin; Nikiforow, Kostiantyn; Jablonski, Aleksander	Surface characterization of low-temperature grown yttrium oxide	2018, 437, 347-356	35	4,439
80	APPLIED SURFACE SCIENCE	Przezdziecka, E.; Lisowski, W.; Reszka, A.; Kozanecki, A.	Evidence of magnesium impact on arsenic acceptor state: Study of ZnMgO:As molecular beam epitaxy layers	2018, 435, 676-679	35	4,439
81	APPLIED SURFACE SCIENCE	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	2018, 458, 855-863	35	4,439
82	APPLIED SURFACE SCIENCE	Krukowska, Anna; Trykowski, Grzegorz; Winiarski, Michal Jerzy; Klimczuk, Tomasz; Lisowski, Wojciech; Mikolajczyk, Alicja; Pinto, Henry P.; Zaleska-Medynska, Adriana	Mono- and bimetallic nanoparticles decorated KTaO3 photocatalysts with improved Vis and UV-Vis light activity	2018, 441, 993-1011	35	4,439
83	SCIENTIFIC REPORTS	Kardas, Tomasz M.; Stepanenko, Yuriy; Radzewicz, Czeslaw	Noncollinear and nonlinear pulse propagation	2018, 8, 14350	40	4,122
84	SCIENTIFIC REPORTS	Maiullari, Fabio; Costantini, Marco; Milan, Marika; Pace, Valentina; Chirivi, Maila; Maiullari, Silvia; Rainer, Alberto; Baci, Denisa; Marei, Hany El-Sayed; Seliktar, Dror; Gargioli, Cesare; Bearzi, Claudia; Rizzi, Roberto	A multi-cellular 3D bioprinting approach for vascularized heart tissue engineering based on HUVECs and iPSC-derived cardiomyocytes	2018, 8, 13532	40	4,122
85	SCIENTIFIC REPORTS	Brzozowska, Ewa; Lesniewski, Adam; Sek, Slawomir; Wieneke, Ralph; Tampe, Robert; Gorska, Sabina; Jonsson-Niedziolka, Martin; Niedziolka-Jonsson, Joanna	Interactions of bacteriophage T4 adhesin with selected lipopolysaccharides studied using atomic force microscopy	2018, 8, 10935	40	4,122

86	SCIENTIFIC REPORTS	Michalska, Bernadeta Maria; Kwapiszewska, Karina; Szczepanowska, Joanna; Kalwarczyk, Tomasz; Patalas-Krawczyk, Paulina; Szczepanski, Krzysztof; Holyst, Robert; Duszynski, Jerzy; Szymanski, Jedrzej	Insight into the fission mechanism by quantitative characterization of Drp1 protein distribution in the living cell	2018, 8, 8122	40	4,122
87	DALTON TRANSACTIONS	Aslandukov, Andrey N.; Utochnikova, Valentina V.; Goriachiy, Dmitry O.; Vashchenko, Andrey A.; Tsymbarenko, Dmitry M.; Hoffmann, Michael; Pietraszkiewicz, Marek; Kuzmina, Natalia P.	The development of a new approach toward lanthanide-based OLED fabrication: new host materials for Tb-based emitters	2018, 47, 16350-16357	40	4,099
88	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Liu, S.; Baugh, D.; Motobayashi, K.; Zhao, X.; Levchenko, S. V.; 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	2018, 20, 12112-12119	40	3,906
89	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Golec, Barbara; Nawara, Krzysztof; Gorski, Alexandr; Thummel, Randolph P.; Herbich, Jerzy; Waluk, Jacek	Combined effect of hydrogen bonding interactions and freezing of rotameric equilibrium on the enhancement of photostability	2018, 20, 13306-13315	40	3,906
90	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Angulo, Gonzalo; Rosspeintner, Arnulf; Lang, Bernhard; Vauthey, Eric	Optical transient absorption experiments reveal the failure of formal kinetics in diffusion assisted electron transfer reactions	2018, 20, 25531-25546	40	3,906
91	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Kim, Victoriya; Piatkowski, Lukasz; Pszona, Maria; Jaeger, Regina; Ostapko, Jakub; Sepiol, Jerzy; Meixner, Alfred J.; Waluk, Jacek	Unusual effects in single molecule tautomerization: hemiporphycene	2018, 20, 26591-26596	40	3,906
92	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Otero-Mato, Jose M.; Montes-Campos, Hadrian; Cabeza, Oscar; Diddens, Diddo; Ciach, Alina; Gallego, Luis J.; Varela, Luis M.	3D structure of the electric double layer of ionic liquid-alcohol mixtures at the electrochemical interface	2018, 20, 30412-30427	40	3,906
93	ANALYST	Rambach, Richard W.; Biswas, Preetika; Yadav, Ashutosh; Garstecki, Piotr; Franke, Thomas	Fast selective trapping and release of picoliter droplets in a 3D microfluidic PDMS multi-trap system with bubbles	2018, 143, 843-849	40	3,864
94	JOURNAL OF ALLOYS AND COMPOUNDS	Zielony, E.; Przezdziecka, E.; Placzek-Popko, E.; Lisowski, W.; Stachowicz, M.; Paradowska, K. M.; Jakiela, R.; Kozanecki, A.	Deep levels in the MBE ZnO: As/n-GaN diodes - Photoluminescence, electrical properties and deep level transient spectroscopy	2018, 742, 296-303	35	3,779
95	JOURNAL OF ALLOYS AND COMPOUNDS	Radlik, Monika; Juszczyk, Wojciech; Matus, Krzysztof; Szumelda, Tomasz; Drelinkiewicz, Alicja; Karpinski, Zbigniew	Generation of palladium silicide in the PdAu-SiO2 nanocomposites during heating in hydrogen	2018, 735, 349-354	35	3,779
96	SOFT MATTER	Roy, Sutapa; Maciolek, Anna	Phase separation around a heated colloid in bulk and under confinement	2018, 14, -	40	3,709

97	SOFT MATTER	Derzsi, Ladislav; Filippi, Daniele; Lulli, Matteo; Mistura, Giampaolo; Bernaschi, Massimo; Garstecki, Piotr; Sbragaglia, Mauro; Pierno, Matteo	Wall fluidization in two acts: from stiff to soft roughness	2018, 14, 1088-1093	40	3,709
98	SOFT MATTER	Ciach, A.	Combined density functional and Brazovskii theories for systems with spontaneous inhomogeneities	2018, 14, 5497-5508	40	3,709
99	SOFT MATTER	Vasilyev, Oleg A.; Dietrich, S.; Kondrat, Svyatoslav	Nonadditive interactions and phase transitions in strongly confined colloidal systems	2018, 14, 586-596	40	3,709
100	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	Wysocki, Bartlomiej; Idaszek, Joanna; Zdunek, Joanna; Rozniatowski, Krzysztof; Pisarek, Marcin; Yamamoto, Akiko; Swieszkowski, Wojciech	The Influence of Selective Laser Melting (SLM) Process Parameters on In-Vitro Cell Response	2018, 19, 1619	30	3,687
101	MICROPOROUS AND MESOPOROUS MATERIALS	Kaminska, Izabela I.; Lisovytskiy, Dmytro; Valentin, Laetitia; Calers, Christophe; Millot, Yannick; Kowalewski, Emil; Srebowata, Anna; Dzwigaj, Stanislaw	Influence of pretreatment and reaction conditions on the catalytic activity of It HA1BEA and CoHA1BEA zeolites in vinyl chloride formation from 1,2-dichloroethane	2018, 266, 32-42	35	3,649
102	APPLIED CLAY SCIENCE	Wegrzyn, Agnieszka; Stawinski, Wojciech; Freitas, Olga; Komedera, Kamila; Blachowski, Artur; Jeczmionek, Lukasz; Danko, Tomasz; Mordarski, Grzegorz; Figueiredo, Sonia	Study of adsorptive materials obtained by wet fine milling and acid activation of vermiculite	2018, 155, 37-49	35	3,641
103	OPTICS LETTERS	Borycki, Dawid; Kholiqov, Oybek; Srinivasan, Vivek J.	Correlation gating quantifies the optical properties of dynamic media in transmission	2018, 43, 5881-5884	45	3,589
104	ORGANIC PROCESS RESEARCH & DEVELOPMENT	Nemygina, Nadezhda A.; Nikoshvili, Linda Zh.; Tiamina, Irina Yu.; Bykov, Alexey V.; Smirnov, Ilia S.; LaGrange, Thomas; Kaszkur, Zbigniew; Matveeva, Valentina G.; Sulman, Esther M.; Kiwi-Minsker, Lioubov	Au Core-Pd Shell Bimetallic Nanoparticles Immobilized within Hyper-Cross-Linked Polystyrene for Mechanistic Study of Suzuki Cross-Coupling: Homogeneous or Heterogeneous Catalysis?	2018, 22, 1606-1613	35	3,584
105	NANOMATERIALS	Szymborski, Tomasz; Witkowska, Evelin; Nicinski, Krzysztof; Majka, Zuzanna; Krehlik, Tomasz; Deskur, Tomila; Winkler, Katarzyna; Kaminska, Agnieszka	Steel Wire Mesh as a Thermally Resistant SERS Substrate	2018, 8, 663	35	3,504
106	JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS	Lisowski, Pawel; Colmenares, Juan Carlos; Masek, Ondrej; Lomot, Dariusz; Chernyayeva, Olga; Lisovytskiy, Dmytro	Novel biomass-derived hybrid TiO2/carbon material using tar-derived secondary char to improve TiO2 bonding to carbon matrix	2018, 131, 35-41	40	3,468

107	CATALYSTS	Golabiewska, Anna; Checa-Suarez, Micaela; Paszkiewicz-Gawron, Marta; Lisowski, Wojciech; Raczuk, Edyta; Klimczuk, Tomasz; Polkowska, Zaneta; Grabowska, Ewelina; Zaleska-Medynska, Adriana; Luczak, Justyna	Highly Active TiO2 Microspheres Formation in the Presence of Ethylammonium Nitrate Ionic Liquid	2018, 8, 279	30	3,465
108	CATALYSTS	Ilieva, Lyuba; Venezia, Anna Maria; Petrova, Petya; Pantaleo, Giuseppe; Liotta, Leonarda Francesca; Zanella, Rodolfo; Kaszkur, Zbigniew; Tabakova, Tatyana	Effect of Y Modified Ceria Support in Mono and Bimetallic Pd-Au Catalysts for Complete Benzene Oxidation	2018, 8, 283	30	3,465
109	CATALYSTS	Kozak, Magda; Mazierski, Pawel; Zebrowska, Joanna; Kobylanski, Marek; Klimczuk, Tomasz; Lisowski, Wojciech; Trykowski, Grzegorz; Nowaczyk, Grzegorz; Zaleska-Medynska, Adriana	Electrochemically Obtained TiO2/CuxOy Nanotube Arrays Presenting a Photocatalytic Response in Processes of Pollutants Degradation and Bacteria Inactivation in Aqueous Phase	2018, 8, 237	30	3,465
110	CATALYSTS	Pieta, Izabela S.; Epling, William S.; Kazmierczuk, Alicja; Lisowski, Pawel; Nowakowski, Robert; Serwicka, Ewa M.	Waste into Fuel-Catalyst and Process Development for MSW Valorisation	2018, 8, 113	30	3,465
111	NANOTECHNOLOGY	Kosiel, K.; Dominik, M.; Scislewska, I.; Kalisz, M.; Guziewicz, M.; Golaszewska, K.; Niedziolka-Jonsson, J.; Bock, W. J.; Smietana, M.	Alkali-resistant low-temperature atomic-layer-deposited oxides for optical fiber sensor overlays	2018, 29, 135602	35	3,404
112	OPTICS EXPRESS	Szczepanek, Jan; Kardas, Tomasz M.; Radzewicz, Czeslaw; Stepanenko, Yuriy	Nonlinear polarization evolution of ultrashort pulses in polarization maintaining fibers	2018, 26, 13590-13604	45	3,356
113	OPTICS EXPRESS	Neuhaus, M.; Fuest, H.; Seeger, M.; Schoetz, J.; Trubetskov, M.; Russbueldt, P.; Hoffmann, H. D.; Riedle, E.; Major, Zs.; Pervak, V.; Kling, M. F.; Wnuk, P.	10 W CEP-stable few-cycle source at 2 mu m with 100 kHz repetition rate	2018, 26, 16074-16085	45	3,356
114	ANALYTICAL AND BIOANALYTICAL CHEMISTRY	Witkowska, Evelin; Korsak, Dorota; Kowalska, Aneta; Janeczek, Anna; Kaminska, Agnieszka	Strain-level typing and identification of bacteria - a novel approach for SERS active plasmonic nanostructures	2018, 410, 5019-5031	40	3,307
115	CRYSTENGCOMM	Danylyuk, Oksana	Host-guest complexes of cucurbit[6]uril with phenethylamine-type stimulants	2018, 20, 7642-7647	35	3,304
116	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	Jedraszko, Justyna; Adamiak, Wojciech; Nogala, Wojciech; Girault, Hubert H.; Opallo, Marcin	SECM study of hydrogen photogeneration in a 1,2-dichloroethane vertical bar water biphasic system with decamethylruthenocene electron donor regeneration	2018, 819, 101-106	35	3,235

117	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	Jedraszko, Justyna; Michalak, Magdalena; Jonsson-Niedziolka, Martin; Nogala, Wojciech	Hopping mode SECM imaging of redox activity in ionic liquid with glass-coated inlaid platinum nanoelectrodes prepared using a heating coil puller	2018, 815, 231-237	35	3,235
118	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	Kityk, A. A.; Rublova, Y. D.; Kelm, A.; Malyshev, V. V.; Bannyk, N. G.; Flis-Kabulska, I.	Kinetics and mechanism of corrosion of mild steel in new types of ionic liquids	2018, 823, 234-244	35	3,235
119	NEW JOURNAL OF CHEMISTRY	Kovalska, Vladyslava; Chernii, Svitlana; Losytskyy, Mykhaylo; Tretyakova, Iryna; Dovbii, Yan; Gorski, Alexandr; Chernii, Victor; Czerwieniec, Rafal; Yarmoluk, Sergiy	Design of functionalized beta-ketoenole derivatives as efficient fluorescent dyes for detection of amyloid fibrils	2018, 42, 13308-13318	30	3,201
120	NEW JOURNAL OF CHEMISTRY	Gorski, Krzysztof; Mech-Piskorz, Justyna; Noworyta, Krzysztof; Lesniewska, Barbara; Pietraszkiewicz, Marek	Efficient synthesis of 5-oxatruxene and the unusual influence of oxygen heteroatom on its physico-chemical properties	2018, 42, 5844-5852	30	3,201
121	NEW JOURNAL OF CHEMISTRY	Michalska, Monika; Iwan, Agnieszka; Andrzejczuk, Mariusz; Roguska, Agata; Sikora, Andrzej; Boharewicz, Bartosz; Tazbir, Igor; Hreniak, Agnieszka; Poplonski, Sebastian; Korona, Krzysztof P.	Analysis of the surface decoration of TiO2 grains using silver nanoparticles obtained by ultrasonochemical synthesis towards organic photovoltaics	2018, 42, 7340-7354	30	3,201
122	NEW JOURNAL OF CHEMISTRY	Karami, Kazem; Alinaghi, Moloud; Amirghofran, Zahra; Lipkowski, Janusz; Momtazi-borojeni, Amir Abbas	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	2018, 42, 574-586	30	3,201
123	JOURNAL OF PHYSICAL CHEMISTRY B	Tenno, Ryoichi; Gunjima, You; Yoshii, Miyu; Kitahata, Hiroyuki; Gorecki, Jerzy; Suematsu, Nobuhiko J.; Nakata, Satoshi	Period of Oscillatory Motion of a Camphor Boat Determined by the Dissolution and Diffusion of Camphor Molecules	2018, 122, 2610-2615	30	3,146
124	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	Kedra-Krolik, Karolina; Cesari, Laetitia; Mutelet, Fabrice; Rogalsk, Marek	Capacity Enhancement of Ionic Liquids-Based Nanofluid for Fuels Desulfurization Purposes	2018, 57, 14718-14726	35	3,141
125	PHOTOSYNTHESIS RESEARCH	Kowalska, Dorota; Szalkowski, Marcin; Ashraf, Khuram; Grzelak, Justyna; Lokstein, Heiko; Niedziolka-Jonsson, Joanna; Cogdell, Richard; Mackowski, Sebastian	Spectrally selective fluorescence imaging of Chlorobaculum tepidum reaction centers conjugated to chelator-modified silver nanowires	2018, 135, 329-336	40	3,091
126	JOURNAL OF INORGANIC BIOCHEMISTRY	Czapla-Masztafiak, Joanna; Kubas, Adam; Kayser, Yves; Fernandes, Daniel L. A.; Kwiatek, Wojciech M.; Lipiec, Ewelina; Deacon, Glen B.; Al-Jorani, Khansa; Wood, Bayden R.; Szlachetko, Jakub; Sa, Jacinto	Mechanism of hydrolysis of a platinum(IV) complex discovered by atomic telemetry	2018, 187, 56-61	35	3,063

127	BEILSTEIN JOURNAL OF NANOTECHNOLOGY	Parnicka, Patrycja; Mazierski, Pawel; Grzyb, Tomasz; Lisowski, Wojciech; Kowalska, Ewa; Ohtani, Bunsho; Zaleska-Medynska, Adriana; Nadolna, Joanna	Influence of the preparation method on the photocatalytic activity of Nd-modified TiO2	2018, 9, 447-459	35	2,968
128	BEILSTEIN JOURNAL OF NANOTECHNOLOGY	Golabiewska, Anna; Paszkiewicz-Gawron, Marta; Sadzinska, Aleksandra; Lisowski, Wojciech; Grabowska, Ewelina; Zaleska-Medynska, Adriana; Luczak, Justyna	Fabrication and photoactivity of ionic liquid-TiO2 structures for efficient visible-light-induced photocatalytic decomposition of organic pollutants in aqueous phase	2018, 9, 580-590	35	2,968
129	RSC ADVANCES	Colmenares, Juan Carlos; Lisowski, Pawel; Lomot, Dariusz	A novel biomass-based support (Starbon) for TiO2 hybrid photocatalysts: a versatile green tool for water purification (vol 3, pg 20186, 2013)	2018, 8, 22321-22321	35	2,936
130	MATERIALS CHARACTERIZATION	Kuczynska, Donata; Kwasniak, Piotr; Pisarek, Marcin; Borowicz, Pawel; Garbacz, Halina	Influence of surface pattern on the biological properties of Ti grade 2	2018, 135, 337-347	45	2,892
131	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	Gorski, Alexandr; Knyukshto, Valery; Zenkevich, Eduard; Starukhin, Alexander; Kijak, Michal; Solarski, Jedrzej; Semeikin, Alexander; Lyubimova, Tatjana	Temperature dependent steric hindrance effects in triplet state relaxation of meso-phenyl-substituted Pd-octaethylporphyrins	2018, 354, 101-111	25	2,891
132	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	Zwara, Julia; Grabowska, Ewelina; Klimczuk, Tomasz; Lisowski, Wojciech; Zaleska-Medynska, Adriana	Shape-dependent enhanced photocatalytic effect under visible light of Ag3PO4 particles	2018, 367, 240-252	25	2,891
133	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	Cyza, Malgorzata; Gut, Arkadiusz; Lapok, Lukasz; Solarski, Jedrzej; Knyukshto, Valeri; Kepczynski, Mariusz; Nowakowska, Maria	Iodinated zinc phthalocyanine - The novel visible-light activated photosensitizer for efficient generation of singlet oxygen	2018, 358, 265-273	25	2,891
134	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	Bartel, Marta; Wysocka, Barbara; Krug, Pamela; Kepinska, Dania; Kijewska, Krystyna; Blanchard, Gary J.; Kaczynska, Katarzyna; Lubelska, Katarzyna; Wiktorska, Katarzyna; Glowala, Paulina; Wilczek, Marcin; Pisarek, Marcin; Szczytko, Jacek; Twardowski, Andrzej; Mazur, Maciej	Magnetic polymer microcapsules loaded with Nile Red fluorescent dye	2018, 195, 148-156	30	2,88
135	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	Witkowska, Evelin; Jagielski, Tomasz; Kaminska, Agnieszka	Genus- and species-level identification of dermatophyte fungi by surface-enhanced Raman spectroscopy	2018, 192, 285-290	30	2,88

136	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	Szady-Chelmieniecka, Anna; Kolodziej, Beata; Morawiak, Maja; Kamienski, Bohdan; Schilf, Wojciech	Spectroscopic studies of the intramolecular hydrogen bonding in o-hydroxy Schiff bases, derived from diaminomaleonitrile, and their deprotonation reaction products	2018, 189, 330-341	30	2,88
137	ELECTROANALYSIS	Gocyla, Mateusz; Dolinska, Joanna; Rostkowska, Natalia; Opallo, Marcin	Electrochemical Detection of Positively Charged Carbon Nanoparticles Suspension in Flow	2018, 30, 1965-1970	30	2,851
138	ELECTROANALYSIS	Celebanska, Anna; Jedraszko, Justyna; Lesniewski, Adam; Jubete, Elena; Opallo, Marcin	Stripe-shaped Electrochemical Biosensor for Organophosphate Pesticide	2018, 30, 2731-2737	30	2,851
139	JOURNAL OF CHEMICAL PHYSICS	Peukert, Sebastian; Kijak, Michal; Ostapko, Jakub; Sepiol, Jerzy; Le Bris, Catherine; Zehnacker-Rentien, Anne; Gil, Michal; Waluk, Jacek	Supersonic jet spectroscopy of parent hemiporphycene: Structural assignment and vibrational analysis for S-0 and S-1 electronic states	2018, 149, 134307	35	2,843
140	JOURNAL OF CHEMICAL PHYSICS	Pekalski, J.; Ciach, A.	Orientational ordering of lamellar structures on closed surfaces	2018, 148, 174902	35	2,843
141	JOURNAL OF CHEMICAL PHYSICS	Kumagai, Takashi; Ladenthin, Janina N.; Litman, Yair; Rossi, Mariana; Grill, Leonhard; Gawinkowski, Sylwester; Waluk, Jacek; Persson, Mats	Quantum tunneling in real space: Tautomerization of single porphycene molecules on the (111) surface of Cu, Ag, and Au	2018, 148, 102330	35	2,843
142	JOURNAL OF PHYSICAL CHEMISTRY A	Szczepaniak, Urszula; Kolos, Robert; Gronowski, Marcin; Chevalier, Michele; Guillemin, Jean-Claude; Crepin, Claudine	Synthesis and Electronic Phosphorescence of Dicyanooctatetrayne (NC10N) in Cryogenic Matrixes	2018, 122, 5580-5588	30	2,836
143	JOURNAL OF PHYSICAL CHEMISTRY A	Szczepaniak, Urszula; Kolos, Robert; Gronowski, Marcin; Guillemin, Jean-Claude; Crepin, Claudine	Low Temperature Synthesis and Phosphorescence of Methylcyanotriacetylene	2018, 122, 89-99	30	2,836
144	SOLID STATE IONICS	Holdynski, M.; Sintyureva, M.; Liu, X.; Leszczynska, M.; Krok, F.; Hull, S.; Abrahams, I.	Structure and conductivity in the Bi4Nb1 (-) xYxO8.5 (-) (x) oxide-ion conducting system	2018, 328, 16-sie	35	2,751
145	JOURNAL OF LUMINESCENCE	Hanczyc, P.; Justyniarski, A.; Kim, J.; Mikhailovsky, A.; Ivanova, M.	Surface patterns of insulin fibrils revealed by time-resolved spectroscopy measurements of fluorescent probes	2018, 201, 31-37	35	2,732
146	JOURNAL OF LUMINESCENCE	Kotowicz, Sonia; Sek, Danuta; Kula, Slawomir; Fabianczyk, Aleksandra; Siwy, Mariola; Filapek, Michal; Szlapa-Kula, Agata; Malecki, Jan Grzegorz; Jonsson-Niedziolka, Martin; Niedziolka-Jonsson, Joanna; Smolarek, Karolina; Mackowski, Sebastian; Schab-Balcerzak, Ewa	Malononitrile derivatives as push-pull molecules: Structure - properties relationships characterization	2018, 203, 455-466	35	2,732

147	JOURNAL OF PHYSICS-CONDENSED MATTER	Kondrat, Svyatoslav; Vasilyev, Oleg A.; Dietrich, S.	Probing interface localization-delocalization transitions by colloids	2018, 30, 414002	30	2,617
148	OPTICAL MATERIALS EXPRESS	Loiko, Pavel; Boguslawski, Jakub; Maria Serres, Josep; Kifle, Esrom; Kowalczyk, Maciej; Mateos, Xavier; Sotor, Jaroslaw; Zybala, Rafal; Mars, Krzysztof; Mikula, Andrzej; Kaszyca, Kamil; Aguilo, Magdalena; Diaz, Francesc; Griebner, Uwe; Petrov, Valentin	Sb2Te3 thin film for the passive Q-switching of a Tm:GdVO4 laser	2018, 8, 1723-1732	40	2,566
149	OPTICAL MATERIALS EXPRESS	Loiko, Pavel; Maria Serres, Josep; Delekta, Szymon Sollami; Kifle, Esrom; Boguslawski, Jakub; Kowalczyk, Maciej; Sotor, Jaroslaw; Aguilo, Magdalena; Diaz, Francesc; Griebner, Uwe; Petrov, Valentin; Popov, Sergei; Li, Jiantong; Mateos, Xavier; Ostling, Mikael	Inkjet-printing of graphene saturable absorbers for similar to 2 mu m bulk and waveguide lasers	2018, 8, 2803-2814	40	2,566
150	EUROPEAN JOURNAL OF INORGANIC CHEMISTRY	Kubas, Adam; Maszota, Pawel	Theoretical Insights into the Unique Ligation of [Fe4S4] Iron-Sulfur Clusters	2018, , 2419-2428	35	2,507
151	SENSORS	Nery, Emilia Witkowska; Kundys-Siedlecka, Magdalena; Furuya, Yoshitaka; Jonsson-Niedziolka, Martin	Pencil Lead as a Material for Microfluidic 3D-Electrode Assemblies	2018, 18, 4037	30	2,475
152	SENSORS	Szalkowski, Marcin; Sulowska, Karolina; Grzelak, Justyna; Niedziolka-Jonsson, Joanna; Roznicka, Ewa; Kowalska, Dorota; Mackowski, Sebastian	Wide-Field Fluorescence Microscopy of Real-Time Bioconjugation Sensing	2018, 18, 290	30	2,475
153	PHYSICAL REVIEW E	Morgado, Gabriel; Nowakowski, Bogdan; Lemarchand, Annie	Scaling of submicrometric Turing patterns in concentrated growing systems	2018, 98, 32213	35	2,284
154	PHYSICAL REVIEW E	Roy, Sutapa; Dietrich, Siegfried; Maciolek, Anna	Solvent coarsening around colloids driven by temperature gradients	2018, 97, 42603	35	2,284
155	INORGANICA CHIMICA ACTA	Karami, Kazem; Alinaghi, Moloud; Amirghofran, Zahra; Lipkowski, Janusz	Synthesis and characterization of two new trans palladium (II) complexes containing benzylamine ligand: DNA/BSA interactions, molecular docking and in vitro cytotoxic activity	2018, 471, 797-807	45	2,264
156	MICROMACHINES	Szymborski, Tomasz; Jankowski, Pawel; Ogonczyk, Dominika; Garstecki, Piotr	An FEP Microfluidic Reactor for Photochemical Reactions	2018, 9, 156	30	2,222
157	MATERIALS CHEMISTRY AND PHYSICS	Sa, Jacinto; Garlisi, Corrado; Palmisano, Giovanni; Czapla-Masztafiak, Joanna; Kayser, Yves; Szlachetko, Jakub	Differences between bulk and surface electronic structure of doped TiO2 with soft-elements (C, N and S)	2018, 208, 281-288	35	2,21
158	MATERIALS CHEMISTRY AND PHYSICS	Kolodziej, M.; Lalik, E.; Colmenares, J. C.; Lisowski, R.; Gurgul, J.; Duraczynska, D.; Drelinkiewicz, A.	Physicochemical and catalytic properties of Pd/MoO3 prepared by the sonophotodeposition method	2018, 204, 361-372	35	2,21

159	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	Munteanu, G.; Petrova, P.; Ivanov, I.; Liotta, L. F.; Kaszkur, Z.; Tabakova, T.; Ilieva, L.	Temperature-programmed reduction of lightly yttrium-doped Au/CeO2 catalysts Correlation between oxygen mobility and WGS activity	2018, 131, 145-154	25	2,209
160	JOURNAL OF SOLID STATE CHEMISTRY	Puzan, Anna N.; Baumer, Vyacheslav N.; Lisovytskiy, Dmytro, V; Mateychenko, Pavel, V	Structure transformations in nickel oxalate dihydrate NiC2O4 center dot 2H(2)O and nickel formate dihydrate Ni(HCO2)(2)center dot 2H(2)O during thermal decomposition	2018, 266, 133-142	30	2,179
161	JOURNAL OF SOLID STATE CHEMISTRY	Puzan, Anna N.; Baumer, Vyacheslav N.; Lisovytskiy, Dmytro V.; Mateychenko, Pavel V.	Structure disordering and thermal decomposition of manganese oxalate dihydrate, MnC2O4 center dot 2H(2)O	2018, 260, 87-94	30	2,179
162	HOLZFORSCHUNG	Laskowska, Agnieszka; Sobczak, Janusz W.	Surface chemical composition and roughness as factors affecting the wettability of thermo-mechanically modified oak (Quercus robur L.)	2018, 72, 993-1000	45	2,079
163	POLYHEDRON	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	2018, 142, 93-104	30	2,067
164	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	Ciacka, Piotr; Rampur, Anupamaa; Heidt, Alexander; Feurer, Thomas; Klimczak, Mariusz	Dispersion measurement of ultra-high numerical aperture fibers covering thulium, holmium, and erbium emission wavelengths	2018, 35, 1301-1307	35	2,048
165	JOURNAL OF MOLECULAR STRUCTURE	Ceborska, Magdalena	Structural investigation of solid state host/guest complexes of native cyclodextrins with monoterpenes and their simple derivatives	2018, 1165, 62-70	20	2,011
166	JOURNAL OF MOLECULAR STRUCTURE	Vdovin, A.; Karpiuk, E.; Lipkowski, J.; Listkowski, A.; Kijak, M.; Grabowska, A.; Sepiol, J.	2,5-bis(2 '-benzoxazolyl)hydroquinone (BBHQ), a dually fluorescent ESIPT system revisited: XRD analysis and supersonic jet studies of deuterated species	2018, 1171, 843-849	20	2,011
167	SURFACE SCIENCE	Jablonski, A.	Modeling and parameterization of photoelectrons emitted in condensed matter by linearly polarized synchrotron radiation	2018, 667, 121-137	25	1,997
168	FORENSIC SCIENCE INTERNATIONAL	Olszowska, Izabela; Deacon, Paul; Lindsay, Maurice; Lesniewski, Adam; Niedziolka-Jonsson, Joanna; Farrugia, Kevin	An alternative carrier solvent for fingermark enhancement reagents	2018, 284, 53-64	40	1,974

169	JOURNAL OF MOLECULAR RECOGNITION	Kovalska, V.; Chernii, S.; Losytskyy, M.; Ostapko, J.; Tretyakova, I.; Gorski, A.; Chernii, V.; Yarmoluk, S.	Activity of Zn and Mg phthalocyanines and porphyrazines in amyloid aggregation of insulin	2018, 31, e2660	25	1,868
170	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY	Malyshev, Valerii; Michota-Kaminska, Agnieszka; Shao, Shuai; D'Souza, Francis; Noworyta, Krzysztof	Determination of Asymmetric Dimethylarginine by Using Organic Semiconductor-Based Molecularly Imprinted Polymer Film	2018, 7, Q3189-Q3195	25	1,808
171	CHINESE JOURNAL OF CHEMICAL ENGINEERING	Chellappan, Suchith; Nair, Vaishakh ; Sajith, V ; Aparna, K	Synthesis, optimization and characterization of biochar based catalyst from sawdust for simultaneous esterification and transesterification	2018, 26, 2654-2663	25	1,712
172	LUMINESCENCE	Mal, Suraj; Pietraszkiewicz, Marek; Pietraszkiewicz, Oksana	Luminescent studies of binuclear ternary europium(III) pyridineoxide tetrazolate complexes containing bis-phosphine oxide as auxiliary co-ligands	2018, 33, 370-375	15	1,671
173	REACTION KINETICS MECHANISMS AND CATALYSIS	Nowakowski, Bogdan; Kawczynski, Andrzej L.	Stochastic transitions between attractors in a tristable thermochemical system: competition between stable states	2018, 123, 189-199	15	1,515
174	REACTION KINETICS MECHANISMS AND CATALYSIS	Bonarowska, Magdalena; Zielinski, Maciej; Matus, Krzysztof; Sa, Jacinto; Srebowata, Anna	Influence of microwave activation on the catalytic behavior of Pd-Au/C catalysts employed in the hydrodechlorination of tetrachloromethane	2018, 124, 375-388	15	1,515
175	SUPRAMOLECULAR CHEMISTRY	Dabrowa, Kajetan; Ceborska, Magdalena; Jurczak, Janusz	Solid-state entrapment of water clusters by 26-membered pentamide unclosed cryptands - probing the para-substituent effect	2018, 30, 464-472	30	1,451
176	SURFACE AND INTERFACE ANALYSIS	Akulich, N.; Ivanova, N.; Zharskii, I.; Joensson-Niedziolka, M.	Properties of zinc coatings electrochemically passivated in sodium molybdate	2018, 50, 1310-1318	20	1,263
177	JOURNAL OF APPLIED SPECTROSCOPY	Knyukshto, V. N.; Starukhin, A. S.; Kruk, M. M.; Gorskii, A. V.	Radiative Deactivation of Lowest Singlet and Triplet Excited States of Water-Soluble Porphyrins	2018, 84, 960-965	15	0,611
178	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	Gronowski, Marcin	Accuracy of spectroscopic constants predicted by explicitly correlated methods	2018, 256, -		0
179	BIOSENSORS-BASEL	Podrazka, Marta; Baczynska, Ewa; Kundys, Magdalena; Jelen, Paulina S.; Nery, Emilia Witkowska	Electronic Tongue-A Tool for All Tastes?	2018, 8, 3	0	0

180	COGENT ENGINEERING	Fernando Colmenares-Quintero, Ramon; David Goez-Sanchez, German; Carlos Colmenares-Quintero, Juan	Route planning in real time for short-range aircraft with a constant-volume-combustor-geared turbofan to minimize operating costs by particle swarm optimization	2018, 5, UNSP 1429984	0	0
181	INTERNATIONAL JOURNAL OF ELECTROCHEMISTRY	Chiou, Yuh-Jing; Wu, Guo-Hao; Lin, Hong Ming; Borodzinski, Andrzej; Kedzierzawski, Piotr; Stobinski, Leszek	Synthesis and Electrocatalytical Application of Hybrid Pd/Metal Oxides/MWCNTs	2018, , 8416268	0	0
182	JCI INSIGHT	Palczewska, Grazyna; Stremplewski, Patrycjusz; Suh, Susie; Alexander, Nathan; Salom, David; Dong, Zhiqian; Ruminski, Daniel; Choi, Elliot H.; Sears, Avery E.; Kern, Timothy S.; Wojtkowski, Maciej; Palczewski, Krzysztof	Two-photon imaging of the mammalian retina with ultrafast pulsing laser	2018, 3, e121555	0	0
183	MATERIALS CHEMISTRY FRONTIERS	Grala, Agnieszka; Wolska-Pietkiewicz, Malgorzata; Wrobel, Zbigniew; Ratajczyk, Tomasz; Kuncewicz, Joanna; Lewinski, Janusz	Remarkable water-soluble ZnO nanocrystals: from "click' functionalization to a supramolecular aggregation enhanced emission phenomenon	2018, 2, 1104-1111	0	0
184	MATERIALS TODAY COMMUNICATIONS	Pavliuk, Mariia V.; Abdellah, Mohamed; Sa, Jacinto	Hydrogen evolution with CsPbBr3 perovskite nanocrystals under visible light in solution	2018, 16, 90-96	0	0
185	MOLECULAR SYSTEMS DESIGN & ENGINEERING	Tavakoli, Mohammad Mahdi; Tavakoli, Rouhollah; Prochowicz, Daniel; Yadav, Pankaj; Saliba, Michael	Surface modification of a hole transporting layer for an efficient perovskite solar cell with an enhanced fill factor and stability	2018, 3, 717-722	0	0
186	PHOTONICS LETTERS OF POLAND	Stremplewski, Patrycjusz; Nowakowski, Maciej; Borycki, Dawid; Wojtkowski, Maciej	Fast method of speckle suppression for reflection phase microscopy	2018, 10, 118-120	10	0
187	PHOTONICS LETTERS OF POLAND	Wojtkowski, M.; Borycki, D.	Non invasive optical cellular imaging in humans	2018, 10, 60-60	10	0
188	PHOTONICS LETTERS OF POLAND	Rapolu, M.; Niedzwiedziuk, P.; Borycki, D.; Wnuk, P.; Wojtkowski, M.	Enhancing microvasculature maps for Optical Coherence Tomography - Angiography (OCT-A)	2018, 10, 61-63	10	0
189	PHOTONICS LETTERS OF POLAND	Karnowski, Karol; Maczynska, Ewa; Nowakowski, Maciej; Kaluzny, Bartlomiej; Grulkowski, Ireneusz; Wojtkowski, Maciej	Impact diurnal variations of IOP on dynamic corneal hysteresis measured with air-puff swept-source OCT	2018, 10, 64-66	10	0
190	PHOTONICS LETTERS OF POLAND	Marzejon, M.; Jedrzejewska-Szczerska, M.	The influence of a small amount of substances present in tissue on the optical spectrum of an immunosuppressive drug	2018, 10, 79-81	10	0

191	SURFACES AND INTERFACES	Kobylanski, Marek P.; Mazierski, Pawel; Malankowska, Anna; Kozak, Magda; Diak, Magdalena; Winiarski, Michal J.; Klimczuk, Tomasz; Lisowski, Wojciech; Nowaczyk, Grzegorz; Zaleska-Medynska, Adriana	TiO2-CoxOy composite nanotube arrays via one step electrochemical anodization for visible light-induced photocatalytic	2018, 12, 179-189	0	0
192	JOURNAL OF QUANTUM INFORMATION SCIENCE	Olszewski, S	Electrodynamics of the Joule-Lenz Law Applied to the Energy Emission Done by a Free Electron or Harmonically-Oscillating Microparticle	2018, 8, 121-130	0	0
193	MATERIAL SCIENCE & ENGINEERING INTERNATIONAL JOURNAL	Olszewski, S	Quanta of the Magnetic monopole entering the Oersted-Ampere law	2018, 2, 111-114	0	0
194	JOURNAL OF MODERN PHYSICS	Olszewski, S	Circular Time Scale Yields a Recurrent Calculation of the Schrodinger Perturbation Energy	2018, 9, 1491-1521	0	0
195	JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	Olszewski, S	The de Broglie Waves of Matter and Properties of the Quantum Ensembles	2018, 15, 26-30	20	0
196	MATERIAL SCIENCE & ENGINEERING INTERNATIONAL JOURNAL	Olszewski, S	Quantum of temperature necessary for the thermal electron excitation in a one–dimensional metal	2018, 2, 18-19	0	0
197	MOLECULAR CATALYSIS	Marchelek, Martyna; Grabowska, Ewelina; Klimczuk, Tomasz; Lisowski, Wojciech; Mazierski, Pawel; Zaleska-Medynska, Adriana	Visible light photocatalysis employing TiO2/SrTiO3-BiOI composites: Surface properties and photoexcitation mechanism	2018, 452, 154-166	0	0
198	SUSTAINABLE ENERGY & FUELS	Prochowicz, Daniel; Tavakoli, Mohammad Mahdi; Turren-Cruz, Silver-Hamill; Pandey, Kavita; Saliba, Michael; Yadav, Pankaj	Blue and red wavelength resolved impedance response of efficient perovskite solar cells	2018, 2, 2407-2411	0	0
199	CELL-BASED MICROARRAYS: METHODS AND PROTOCOLS, Springer International Publishing	Kwapiszewska, Karina	Establishment of Microfluidic Spheroid Cultures for Biomedical Applications	2018, 1771, 213-224	monografia	
200	Classical and Quantum Molecular Dynamics in NMR Spectra, Springer International Publishing	Sławomir Szymański; Piotr Bernatowicz	Classical and Quantum Molecular Dynamics in NMR Spectra	2018, 1-402	monografia	
201	Molecularly Imprinted Polymers for Analytical Chemistry Application, RSC Publishing	Cieplak Marek; Kutner Włodzimierz	Protein Determination using molecularly imprinted polymer (MIP) chemosensors.	2018, 282-329	monografia	

DOI

10.1103/RevModPhys.90.045001

10.1016/j.mattod.2018.05.002

10.1021/jacs.8b09522

10.1021/jacs.7b12860

10.1021/jacs.8b03191

10.1021/acsnano.8b04785

10.1002/adfm.201801539

10.1002/adfm.201800874

10.1039/c8mh00106e

10.1016/j.nanoen.2018.05.010

10.1021/acs.nanolett.7b03720

10.1016/j.apcatb.2017.10.061

10.1016/j.apcatb.2017.10.003

10.1021/acscatal.8b03497

10.1021/acscatal.8b00328

10.1039/c8ta03782e

10.1039/c8ta02420k

10.1021/acs.jpclett.8b00299

10.1021/acs.jpclett.8b03030

10.1016/j.bios.2017.10.045

10.1016/j.bios.2017.09.009

10.1016/j.bios.2018.02.058

10.1021/acsami.8b04045

10.1021/acsami.8b09296

10.1039/c8nr02069h

10.1016/j.drudis.2017.11.007

10.1016/j.jcat.2017.11.009

10.1016/j.jcat.2018.05.013

10.1021/acs.est.7b04348

10.1039/c8cc03353f

10.1039/c8cc02300j

10.1021/acssuschemeng.8b03154

10.1021/acssuschemeng.8b039
19

10.1021/acssuschemeng.7b042
91

10.1021/acs.analchem.8b02751

10.1021/acs.analchem.7b05060

10.1021/acs.analchem.8b02695

10.1016/j.ultsonch.2017.09.053

10.1039/c8lc00916c

10.1039/c8tc04543g

10.1039/c7tc05509a

10.1039/c8tc00835c

10.1016/j.snb.2017.09.035

10.1016/j.snb.2018.06.119

10.1007/s41061-018-0198-z

10.5194/acp-18-18101-2018

10.1021/acs.jctc.7b01114

10.1021/acs.jctc.8b00302

10.1002/chem.201803408

10.1002/chem.201803316

10.1002/chem.201705597

10.1002/chem.201704207

10.1002/chem.201801293

10.1016/j.carbpol.2017.12.031

10.1016/j.electacta.2018.02.085

10.1016/j.msec.2017.11.029

10.1021/acs.joc.7b02239

10.1021/acs.joc.8b02098

10.1021/acs.joc.8b01832

10.1021/acs.joc.7b02911

10.1021/acs.inorgchem.8b02026

10.1021/acs.inorgchem.8b00395

10.1002/cctc.201800097

10.1002/cctc.201800604

10.1002/cctc.201800581

10.1002/cctc.201800873

10.1016/j.cattod.2017.08.062

10.1016/j.elecom.2017.12.006

10.1016/j.elecom.2018.10.004

10.1016/j.scitotenv.2018.06.270

10.1016/j.apcata.2018.09.026

10.1016/j.molliq.2017.10.002

10.1021/acs.jpcc.8b03948

10.1021/acs.jpcc.8b05415

10.1021/acs.jpcc.7b12089

10.1016/j.apsusc.2017.11.139

10.1016/j.apsusc.2018.04.269

10.1016/j.apsusc.2018.04.233

10.1016/j.apsusc.2017.12.121

10.1016/j.apsusc.2017.11.173

10.1016/j.apsusc.2018.07.137

10.1016/j.apsusc.2018.02.077

10.1038/s41598-018-32676-9

10.1038/s41598-018-31848-x

10.1038/s41598-018-29383-w

10.1038/s41598-018-26578-z

10.1039/c8dt02911c

10.1039/c8cp00178b

10.1039/c8cp00726h

10.1039/c8cp05153d

10.1039/c8cp05836a

10.1039/c8cp05632c

10.1039/c7an01100h

10.1016/j.jallcom.2018.01.250

10.1016/j.jallcom.2017.11.142

10.1039/c8sm01258j

10.1039/c7sm02093g

10.1039/c8sm00602d

10.1039/c7sm01363a

10.3390/ijms19061619

10.1016/j.micromeso.2018.02.0
41

10.1016/j.clay.2018.01.002

10.1364/OL.43.005881

10.1021/acs.oprd.8b00272

10.3390/nano8090663

10.1016/j.jaap.2018.02.013

10.3390/catal8070279

10.3390/catal8070283

10.3390/catal8060237

10.3390/catal8030113

10.1088/1361-6528/aaa9a3

10.1364/OE.26.013590

10.1364/OE.26.016074

10.1007/s00216-018-1153-0

10.1039/c8ce01661e

10.1016/j.jelechem.2017.09.026

10.1016/j.jelechem.2018.03.032

10.1016/j.jelechem.2018.06.018

10.1039/c8nj01020j

10.1039/c7nj04729k

10.1039/c7nj05180h

10.1039/c7nj03138f

10.1021/acs.jpcb.7b11903

10.1021/acs.iecr.8b02905

10.1007/s11120-017-0455-y

10.1016/j.jinorgbio.2018.07.012

10.3762/bjnano.9.43

10.3762/bjnano.9.54

10.1039/c8ra90052c

10.1016/j.matchar.2017.09.024

10.1016/j.jphotochem.2017.09.
002

10.1016/j.jphotochem.2018.08.
006

10.1016/j.jphotochem.2018.03.
030

10.1016/j.saa.2018.01.056

10.1016/j.saa.2017.11.008

10.1016/j.saa.2017.08.028

10.1002/elan.201800178

10.1002/elan.201800406

10.1063/1.5048843

10.1063/1.5026112

10.1063/1.5004602

10.1021/acs.jpca.8b02700

10.1021/acs.jpca.7b09728

10.1016/j.ssi.2018.11.003

10.1016/j.jlumin.2018.03.038

10.1016/j.jlumin.2018.06.071

10.1088/1361-648X/aadead

10.1364/OME.8.001723

10.1364/OME.8.002803

10.1002/ejic.201800165

10.3390/s18114037

10.3390/s18010290

10.1103/PhysRevE.98.032213

10.1103/PhysRevE.97.042603

10.1016/j.ica.2017.02.027

10.3390/mi9040156

10.1016/j.matchemphys.2018.01.041

10.1016/j.matchemphys.2017.10.060

10.1007/s10973-017-6475-1

10.1016/j.jssc.2018.07.005

10.1016/j.jssc.2018.01.022

10.1515/hf-2018-0022

10.1016/j.poly.2017.12.012

10.1364/JOSAB.35.001301

10.1016/j.molstruc.2018.03.114

10.1016/j.molstruc.2018.06.047

10.1016/j.susc.2017.10.008

10.1016/j.forsciint.2017.12.012

10.1002/jmr.2660

10.1149/2.0271807jss

10.1016/j.cjche.2018.02.034

10.1002/bio.3423

10.1007/s11144-017-1294-8

10.1007/s11144-018-1364-6

10.1080/10610278.2017.1418877

10.1002/sia.6525

10.1007/s10812-018-0571-2

10.3390/bios8010003

10.1080/23311916.2018.1429984

10.1155/2018/8416268

10.1172/jci.insight.121555

10.1039/c7qm00586e

10.1016/j.mtcomm.2018.05.001

10.1039/c8me00036k

10.4302/plp.v10i4.850

10.4302/plp.v10i3.853

10.4302/plp.v10i3.841

10.4302/plp.v10i3.848

10.4302/plp.v10i3.831

10.1016/j.surfin.2018.06.001

10.4236/jqis.2018.83008

10.15406/mseij.2018.02.00043

10.4236/JMP.2018.98093

10.1166/jctn.2018.6803

10.15406/mseij.2018.02.00027

10.1016/j.mcat.2018.04.006

10.1039/c8se00280k

10.1007/978-1-4939-7792-5_17

10.1007/978-3-319-90781-9

10.1039/9781788010474