

Lp	Tytuł czasopisma	Autorzy	Tytuł publikacji	Rok/tom/strony	DOI	IF	Punkty MNISW
1	ACS CATALYSIS	Mazierski, Pawel; Malankowska, Anna; Kobylanski, Marek; Diak, Magdalena; Kozak, Magda; Winiarski, Michal J.; Klimczuk, Tomasz; Lisowski, Wojciech ; Nowaczyk, Grzegorz; Zaleska-Medynska, Adriana	Photocatalytically Active TiO ₂ /Ag ₂ O Nanotube Arrays Interlaced with Silver Nanoparticles Obtained from the One-Step Anodic Oxidation of Ti-Ag Alloys	2017, 7 (4), 2753-2764	10.1021/acscatal.7b00056	10,614	45
2	APPLIED CATALYSIS B-ENVIRONMENTAL	Mazierski, P.; Luczak, J.; Lisowski, W. ; Winiarski, M. J.; Klimczuk, T.; Zaleska-Medynska, A.	The ILS-assisted electrochemical synthesis of TiO ₂ nanotubes: The effect of ionic liquids on morphology and photoactivity	2017, 214, 100-113	10.1016/j.apcatb.2017.05.005	9,446	45
3	APPLIED SURFACE SCIENCE	Lesiak, B. ; Jiricek, P.; Bieloshapka, I.	Chemical and structural properties of Pd nanoparticle-decorated graphene-Electron spectroscopic methods and QUASES	2017, 404, 300-309	10.1016/j.apsusc.2017.01.183	3,378	35
4	BIOMATERIALS	Costantini, Marco; Testa, Stefano; Mozetic, Pamela; Barbeta, Andrea; Fuoco, Claudia; Fornetti, Ersilia; Tamiro, Francesco; Bernardini, Sergio; Jaroszewicz, Jakub; Swieszkowski, Wojciech; Trombetta, Marcella; Castagnoli, Luisa; Seliktar, Dror; Garstecki, Piotr ; Cesareni, Gianni; Cannata, Stefano; Rainer, Alberto; Gargioli, Cesare	Microfluidic-enhanced 3D bioprinting of aligned myoblast-laden hydrogels leads to functionally organized myofibers in vitro and in vivo	2017, 131, 98-110	10.1016/j.biomaterials.2017.03.026	8,402	50
5	BIOSENSORS & BIOELECTRONICS	Dabrowski, Marcin; Cieplak, Maciej; Sharma, Piyush Sindhu; Borowicz, Pawel; Noworyta, Krzysztof; Lisowski, Wojciech ; D'Souza, Francis; Kuhn, Alexander; Kutner, Wlodzimierz	Hierarchical templating in deposition of semi-covalently imprinted inverse opal polythiophene film for femtomolar determination of human serum albumin	2017, 94, 155-161	10.1016/j.bios.2017.02.046	7,78	40
6	BIOSENSORS & BIOELECTRONICS	Dominik, M.; Lesniewski, A.; Janczuk, M.; Niedziolka-Joensson, J.; Holdynski, M. ; Wachnicki, L.; Godlewski, M.; Bock, W. J.; Smietana, M.	Titanium oxide thin films obtained with physical and chemical vapour deposition methods for optical biosensing purposes	2017, 93, 102-109	10.1016/j.bios.2016.09.079	7,78	40
7	CATALYSIS COMMUNICATIONS	Goszewska, Iлона; Gizinski, Damian; Zienkiewicz-Machnik, Malgorzata; Lisovytskiy, Dmytro; Nikiforov, Kostyantyn ; Masternak, Joanna; Srebowata, Anna; Sa, Jacinto	A novel nano-palladium catalyst for continuous-flow chemoselective hydrogenation reactions	2017, 94, 65-68	10.1016/j.catcom.2017.02.014	3,33	30
8	CATALYSIS TODAY	Mazierski, Pawel; Nadolna, Joanna; Lisowski, Wojciech ; Winiarski, Michal J.; Gazda, Maria; Nischk, Michal; Klimczuk, Tomasz; Zaleska-Medynska, Adriana	Effect of irradiation intensity and initial pollutant concentration on gas phase photocatalytic activity of TiO ₂ nanotube arrays	2017, 284, 19-26	10.1016/j.cattod.2016.09.004	4,636	40

9	COMPUTATIONAL AND THEORETICAL CHEMISTRY	Gronowski, Marcin	TD-DFT benchmark: Excited states of atoms and atomic ions	2017, 1108, 50-56	10.1016/j.comptc.2017.03.016	1,549	20
11	JOURNAL OF APPLIED CRYSTALLOGRAPHY	Kaszkur, Zbigniew; Zielinski, Maciej; Juszczak, Wojciech	The real background and peak asymmetry in diffraction on nanocrystalline metals	2017, 50 (2), 585-593	10.1107/S1600576717003235	2,495	40
12	JOURNAL OF CATALYSIS	Grabowska, E.; Marchelek, M.; Klimczuk, T.; Lisowski, W. ; Zaleska-Medynska, A.	TiO ₂ /SrTiO ₃ and SrTiO ₃ microspheres decorated with Rh, Ru or Pt nanoparticles: Highly UV-vis responsible photoactivity and mechanism	2017, 350, 159-173	10.1016/j.jcat.2017.04.005	6,884	45
14	JOURNAL OF PHYSICAL CHEMISTRY A	Gronowski, Marcin; Eluszkiewicz, Piotr; Custer, Thomas	Structure and Spectroscopy of C ₂ HNO Isomers	2017, 121 (17), 3263-3273	10.1021/acs.jpca.6b12609	2,847	30
15	LAB ON A CHIP	Scheler, O.; Pacocha, N.; Debski, P. R.; Ruszczak, A.; Kaminski, T. S.; Garstecki, P.	Optimized droplet digital CFU assay (ddCFU) provides precise quantification of bacteria over a dynamic range of 6 logs and beyond	2017, 17 (11), 1980-1987	10.1039/c7lc00206h	6,045	40
16	LAB ON A CHIP	Postek, W.; Kaminski, T. S.; Garstecki, P.	A passive microfluidic system based on step emulsification allows the generation of libraries of nanoliter-sized droplets from microliter droplets of varying and known concentrations of a sample	2017, 17 (7), 1323-1331	10.1039/c7lc00014f	6,045	40
17	MICRON	Andrzejczak, M.; Roguska, A.; Pisarek, M.; Holdynski, M. ; Lewandowska, M.; Kurzydowski, K. J.	Morphology of TiO ₂ nanotubes revealed through electron tomography	2017, 95, 35-41	10.1016/j.micron.2016.12.008	1,98	30
18	MICROPOROUS AND MESOPOROUS MATERIALS	Srebowata, A.; Kaminska, Izabela I. ; Casale, S.; Brouri, D.; Calers, C.; Dzwigaj, S.	The impact of the hydrodechlorination process on the physicochemical properties of bimetallic Ag-CuBeta zeolite catalysts	2017, 243, 56-64	10.1016/j.micromeso.2016.12.022	3,615	35
19	MOLECULAR CATALYSIS	Grabowska, Ewelina; Diak, Magdalena; Klimczuk, Tomasz; Lisowski, Wojciech; Zaleska-Medynska, Adriana	Novel decahedral TiO ₂ photocatalysts modified with Ru or Rh NPs: Insight into the mechanism	2017, 434, 154-166	10.1016/j.mcat.2017.03.01321	0	0
20	NATURE COMMUNICATIONS	Rozynek, Zbigniew; Han, Ming; Dutka, Filip; Garstecki, Piotr; Jozefczak, Arkadiusz; Luijten, Erik	Formation of printable granular and colloidal chains through capillary effects and dielectrophoresis	2017, 8, 15255	10.1038/ncomms15255	12,124	45
21	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Bayda, Malgorzata; Angulo, Gonzalo; Hug, Gordon L.; Ludwiczak, Monika; Karolczak, Jerzy; Koput, Jacek; Dobkowski, Jacek; Marciniak, Bronislaw	Electron transfer in silicon-bridged adjacent chromophores: the source for blue-green emission	2017, 19 (18), 11404-11415	10.1039/c7cp00590c	4,123	40
22	PHYSICAL REVIEW B	Barati, E.; Cinal, M.	Gilbert damping in binary magnetic multilayers	2017, 95, (13), 134440	10.1103/PhysRevB.95.134440	3,836	35
23	PHYSICAL REVIEW E	Derzsi, Ladislav; Filippi, Daniele; Mistura, Giampaolo; Pierno, Matteo; Lulli, Matteo; Sbragaglia, Mauro; Bernaschi, Massimo; Garstecki, Piotr	Fluidization and wall slip of soft glassy materials by controlled surface roughness	2017, 95 (5), 052602	10.1103/PhysRevE.95.052602	2,366	35

24	PLOS ONE	Jelinska, Aldona; Zagodzdon, Anna; Gorecki, Marcin; Wisniewska, Agnieszka; Frelek, Jadwiga; Holyst, Robert	Denaturation of proteins by surfactants studied by the Taylor dispersion analysis	2017, 12 (4), e0175838	10.1371/journal.pone.0175838	2,806	40
25	REACTION KINETICS MECHANISMS AND CATALYSIS	Kowalewski, Emil; Kaminska, Izabela I.; Slowik, Grzegorz; Lisovytskyi, Dmytro; Srebowata, Anna	Effect of metal precursor and pretreatment conditions on the catalytic activity of Ni/C in the aqueous phase hydrodechlorination of 1,1,2-trichloroethene	2017, 121 (1), 3-16	10.1007/s11144-017-1148-4	1,264	15
26	SOFT MATTER	Ciach, A.; Pekalski, J.	Exactly solvable model for self-assembly of hard core-soft shell particles at interfaces	2017, 13 (14), 2603-2608	10.1039/c7sm00191f	3,889	40
27	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	Pisarek, Marcin; Krajczewski, Jan; Wierzbicka, Ewa; Holdynski, Marcin; Sulka, Grzegorz D.; Nowakowski, Robert; Kudelski, Andrzej; Janik-Czachor, Maria	Influence of the silver deposition method on the activity of platforms for chemometric surface-enhanced Raman scattering measurements: Silver films on ZrO2 nanopore arrays	2017, 182, 124-129	10.1016/j.saa.2017.04.005	2,536	30
28	TOPICS IN CURRENT CHEMISTRY	Kuna, Ewelina; Behling, Ronan; Valange, Sabine; Chatel, Gregory; Colmenares, Juan Carlos	Sonocatalysis: A Potential Sustainable Pathway for the Valorization of Lignocellulosic Biomass and Derivatives	2017, 375 (2), 41	10.1007/s41061-017-0122-y	4,033	40
29	ULTRASONIC SONOCHEMISTRY	Magdziarz, Agnieszka; Colmenares, Juan Carlos; Chernyayeva, Olga; Lisovytskyj, Dmytro; Grzonka, Justyna; Kurzydłowski, Krzysztof; Freindl, Kinga; Korecki, Józef	Insight into the synthesis procedure of Fe ³⁺ /TiO ₂ -based photocatalyst applied in the selective photo-oxidation of benzyl alcohol under sun-imitating lamp	2017, 38, 189-196	10.1016/j.ultsonch.2017.03.012	4,218	45