

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; <b>Lisowski, Wojciech</b> ; Nowaczyk, Grzegorz; Zaleska-Medynska, Adriana	Photocatalytically Active TiO <sub>2</sub> /Ag <sub>2</sub> O Nanotube Arrays Interlaced with Silver Nanoparticles Obtained from the One-Step Anodic Oxidation of Ti-Ag Alloys	2017, 7 (4), 2753-2764	<a href="https://doi.org/10.1021/acscatal.7b00056">10.1021/acscatal.7b00056</a>	10,614	45
2	APPLIED CATALYSIS B-ENVIRONMENTAL	Mazierski, P.; Luczak, J.; <b>Lisowski, W.</b> ; Winiarski, M. J.; Klimczuk, T.; Zaleska-Medynska, A.	The ILs-assisted electrochemical synthesis of TiO <sub>2</sub> nanotubes: The effect of ionic liquids on morphology and photoactivity	2017, 214, 100-113	<a href="https://doi.org/10.1016/j.apcatb.2017.05.005">10.1016/j.apcatb.2017.05.005</a>	9,446	45
3	APPLIED SURFACE SCIENCE	<b>Lesiak, B.</b> ; Jiricek, P.; Bieloshapka, I.	Chemical and structural properties of Pd nanoparticle-decorated graphene-Electron spectroscopic methods and QUASES	2017, 404, 300-309	<a href="https://doi.org/10.1016/j.apsusc.2017.01.183">10.1016/j.apsusc.2017.01.183</a>	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; <b>Garstecki, Piotr</b> ; 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	<a href="https://doi.org/10.1016/j.biomaterials.2017.03.026">10.1016/j.biomaterials.2017.03.026</a>	8,402	50
5	BIOSENSORS & BIOELECTRONICS	<b>Dabrowski, Marcin</b> ; <b>Cieplak, Maciej</b> ; <b>Sharma, Piyush Sindhu</b> ; <b>Borowicz, Pawel</b> ; <b>Noworyta, Krzysztof</b> ; <b>Lisowski, Wojciech</b> ; D'Souza, Francis; Kuhn, Alexander; <b>Kutner, Wlodzimierz</b>	Hierarchical templating in deposition of semi-covalently imprinted inverse opal polythiophene film for femtomolar determination of human serum albumin	2017, 94, 155-161	<a href="https://doi.org/10.1016/j.bios.2017.02.046">10.1016/j.bios.2017.02.046</a>	7,78	40
6	BIOSENSORS & BIOELECTRONICS	Dominik, M.; <b>Lesniewski, A.</b> ; <b>Janczuk, M.</b> ; <b>Niedziolka-Joensson, J.</b> ; <b>Holdynski, M.</b> ; 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	<a href="https://doi.org/10.1016/j.bios.2016.09.079">10.1016/j.bios.2016.09.079</a>	7,78	40
7	CATALYSIS COMMUNICATIONS	<b>Goszewska, Ilona</b> ; <b>Gizinski, Damian</b> ; <b>Zienkiewicz-Machnik, Malgorzata</b> ; <b>Lisovyt'skiy, Dmytro</b> ; <b>Nikiforov, Kostyantyn</b> ; Masternak, Joanna; <b>Srebowata, Anna</b> ; <b>Sa, Jacinto</b>	A novel nano-palladium catalyst for continuous-flow chemoselective hydrogenation reactions	2017, 94, 65-68	<a href="https://doi.org/10.1016/j.catcom.2017.02.014">10.1016/j.catcom.2017.02.014</a>	3,33	30
8	CATALYSIS TODAY	Mazierski, Pawel; Nadolna, Joanna; <b>Lisowski, Wojciech</b> ; 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 <sub>2</sub> nanotube arrays	2017, 284, 19-26	<a href="https://doi.org/10.1016/j.cattod.2016.09.004">10.1016/j.cattod.2016.09.004</a>	4,636	40

9	COMPUTATIONAL AND THEORETICAL CHEMISTRY	Gronowski, Marcin	TD-DFT benchmark: Excited states of atoms and atomic ions	2017, 1108, 50-56	<a href="https://doi.org/10.1016/j.comptc.2017.03.016">10.1016/j.comptc.2017.03.016</a>	1,549	20
10	ELECTROPHORESIS	Zuchowska, Agnieszka; Kwapiszewska, Karina; Chudy, Michal; Dybko, Artur; Brzozka, Zbigniew	Studies of anticancer drug cytotoxicity based on long-term HepG2 spheroid culture in a microfluidic system	2017, 38 (8), 1206-1216	<a href="https://doi.org/10.1002/elps.201600417">10.1002/elps.201600417</a>	2,744	30
11	JOURNAL OF APPLIED CRYSTALLOGRAPHY	Kaszur, Zbigniew; Zielinski, Maciej; Juszczyk, Wojciech	The real background and peak asymmetry in diffraction on nanocrystalline metals	2017, 50 (2), 585-593	<a href="https://doi.org/10.1107/S1600576717003235">10.1107/S1600576717003235</a>	2,495	40
12	JOURNAL OF CATALYSIS	Grabowska, E.; Marchelek, M.; Klimczuk, T.; Lisowski, W.; Zaleska-Medynska, A.	TiO <sub>2</sub> /SrTiO <sub>3</sub> and SrTiO <sub>3</sub> microspheres decorated with Rh, Ru or Pt nanoparticles: Highly UV-vis responsible photoactivity and mechanism	2017, 350, 159-173	<a href="https://doi.org/10.1016/j.jcat.2017.04.005">10.1016/j.jcat.2017.04.005</a>	6,884	45
13	JOURNAL OF MATERIALS CHEMISTRY A	Vishwanath, R. S.; Kandaiah, Sakthivel	Metal ion-containing C <sub>3</sub> N <sub>3</sub> S <sub>3</sub> coordination polymers chemisorbed to a copper surface as acid stable hydrogen evolution electrocatalysts	2017, 5 (5), 2052-2065	<a href="https://doi.org/10.1039/c6ta08469a">10.1039/c6ta08469a</a>	8,864	40
14	JOURNAL OF PHYSICAL CHEMISTRY A	Gronowski, Marcin; Eluszkiewicz, Piotr; Custer, Thomas	Structure and Spectroscopy of C <sub>2</sub> HNO Isomers	2017, 121 (17), 3263-3273	<a href="https://doi.org/10.1021/acs.jpca.6b12609">10.1021/acs.jpca.6b12609</a>	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	<a href="https://doi.org/10.1039/c7lc00206h">10.1039/c7lc00206h</a>	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	<a href="https://doi.org/10.1039/c7lc00014f">10.1039/c7lc00014f</a>	6,045	40
17	MICRON	Andrzejczuk, M.; Roguska, A.; Pisarek, M.; Holdynski, M.; Lewandowska, M.; Kurzydowski, K. J.	Morphology of TiO <sub>2</sub> nanotubes revealed through electron tomography	2017, 95, 35-41	<a href="https://doi.org/10.1016/j.micron.2016.12.008">10.1016/j.micron.2016.12.008</a>	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	<a href="https://doi.org/10.1016/j.micromeso.2016.12.022">10.1016/j.micromeso.2016.12.022</a>	3,615	35
19	MOLECULAR CATALYSIS	Grabowska, Ewelina; Diak, Magdalena; Klimczuk, Tomasz; Lisowski, Wojciech; Zaleska-Medynska, Adriana	Novel decahedral TiO <sub>2</sub> photocatalysts modified with Ru or Rh NPs: Insight into the mechanism	2017, 434, 154-166	<a href="https://doi.org/10.1016/j.mcat.2017.03.01321">10.1016/j.mcat.2017.03.01321</a>	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	<a href="https://doi.org/10.1038/ncomms15255">10.1038/ncomms15255</a>	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	<a href="https://doi.org/10.1039/c7cp00590c">10.1039/c7cp00590c</a>	4,123	40
22	PHYSICAL REVIEW B	Barati, E.; Cinal, M.	Gilbert damping in binary magnetic multilayers	2017, 95, (13), 134440	<a href="https://doi.org/10.1103/PhysRevB.95.134440">10.1103/PhysRevB.95.134440</a>	3,836	35
23	PHYSICAL REVIEW E	Derzi, 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	<a href="https://doi.org/10.1103/PhysRevE.95.052602">10.1103/PhysRevE.95.052602</a>	2,366	35

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