

Marta Mazurkiewicz-Pawlicka

List of Publications by Year in descending order

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33
papers

2,418
citations

430874

18
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

4180
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene oxide and reduced graphene oxide studied by the XRD, TEM and electron spectroscopy methods. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2014, 195, 145-154.	1.7	1,297
2	Nitrogen doped multi walled carbon nanotubes produced by CVD-correlating XPS and Raman spectroscopy for the study of nitrogen inclusion. <i>Carbon</i> , 2012, 50, 3535-3541.	10.3	260
3	Synthesis of carbon nanotubes by the laser ablation method: Effect of laser wavelength. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 1860-1867.	1.5	153
4	Graphene Oxide-Based Nanocomposites Decorated with Silver Nanoparticles as an Antibacterial Agent. <i>Nanoscale Research Letters</i> , 2018, 13, 116.	5.7	129
5	Synthesis of palladium nanoparticles decorated helical carbon nanofiber as highly active anodic catalyst for direct formic acid fuel cells. <i>Electrochimica Acta</i> , 2012, 63, 323-328.	5.2	50
6	Direct formic acid fuel cells on Pd catalysts supported on hybrid TiO ₂ -C materials. <i>Applied Catalysis B: Environmental</i> , 2015, 163, 167-178.	20.2	43
7	Deactivation resistant Pd/ZrO ₂ supported on multiwall carbon nanotubes catalyst for direct formic acid fuel cells. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 16724-16733.	7.1	39
8	Effect of the Pd/MWCNTs anode catalysts preparation methods on their morphology and activity in a direct formic acid fuel cell. <i>Applied Surface Science</i> , 2016, 387, 929-937.	6.1	39
9	Preparation of graphene oxide and characterisation using electron spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2014, 193, 92-99.	1.7	38
10	Peroxidase-like activity of gold nanoparticles stabilized by hyperbranched polyglycidol derivatives over a wide pH range. <i>Nanotechnology</i> , 2015, 26, 495101.	2.6	30
11	A simple method for enhancing the catalytic activity of Pd deposited on carbon nanotubes used in direct formic acid fuel cells. <i>Applied Surface Science</i> , 2019, 476, 806-814.	6.1	29
12	Molybdenum disulfide-based hybrid materials as new types of oil additives with enhanced tribological and rheological properties. <i>Tribology International</i> , 2021, 160, 106999.	5.9	29
13	Graphene Oxide with Controlled Content of Oxygen Groups as a Filler for Polymer Composites Used for Infrared Radiation Shielding. <i>Nanomaterials</i> , 2020, 10, 32.	4.1	26
14	Noncovalent Porphyrin-Graphene Oxide Nanohybrids: The pH-Dependent Behavior. <i>Journal of Physical Chemistry C</i> , 2019, 123, 3368-3380.	3.1	25
15	Lerf-Klinowski-type models of graphene oxide and reduced graphene oxide are robust in analyzing non-covalent functionalization with porphyrins. <i>Scientific Reports</i> , 2021, 11, 7977.	3.3	25
16	Highly active carbon supported Pd cathode catalysts for direct formic acid fuel cells. <i>Applied Surface Science</i> , 2016, 388, 645-652.	6.1	24
17	New polyacrylate-based lead(II) ion-selective electrodes. <i>Mikrochimica Acta</i> , 2009, 164, 293-297.	5.0	21
18	Effect of the carbon support on MoS ₂ hybrid nanostructures prepared by an impinging jet reactor for hydrogen evolution reaction catalysis. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108038.	6.7	20

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19	Cationic Porphyrin-Graphene Oxide Hybrid: Donor-Acceptor Composite for Efficient Photoinduced Electron Transfer. <i>ChemPhysChem</i> , 2019, 20, 1054-1066.	2.1	19
20	Microstructure and nanomechanical properties of single stalks from diatom <i>Didymosphenia geminata</i> and their change due to adsorption of selected metal ions. <i>Journal of Phycology</i> , 2017, 53, 880-888.	2.3	17
21	Pd/MWCNTs catalytic activity in the formic acid electrooxidation dependent on catalyst surface treatment. <i>Physica Status Solidi (B): Basic Research</i> , 2011, 248, 2516-2519.	1.5	15
22	Directly-thiolated graphene based electrochemical sensor for Hg(II) ion. <i>Electrochimica Acta</i> , 2019, 305, 329-337.	5.2	15
23	Sulfonated Pentablock Copolymer Membranes and Graphene Oxide Addition for Efficient Removal of Metal Ions from Water. <i>Nanomaterials</i> , 2020, 10, 1157.	4.1	14
24	Production and Properties of Molybdenum Disulfide/Graphene Oxide Hybrid Nanostructures for Catalytic Applications. <i>Nanomaterials</i> , 2020, 10, 1865.	4.1	13
25	Influence of Fe doping on magnetic properties of ZrO ₂ nanocrystals. <i>Journal of Alloys and Compounds</i> , 2015, 632, 609-616.	5.5	11
26	A high stability AuPd-ZrO ₂ -multiwall carbon nanotubes supported-catalyst in a formic acid electro-oxidation reaction. <i>Applied Surface Science</i> , 2018, 451, 289-297.	6.1	9
27	Studies on influence of polymer modifiers for fluorescent nanocrystals' cytotoxicity. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 127, 193-201.	2.8	7
28	Titania/chitosan-lignin nanocomposite as an efficient photocatalyst for the selective oxidation of benzyl alcohol under UV and visible light. <i>RSC Advances</i> , 2021, 11, 34996-35010.	3.6	7
29	Well-defined Graphene Oxide as a Potential Component in Lung Cancer Therapy. <i>Current Cancer Drug Targets</i> , 2020, 20, 47-58.	1.6	5
30	Direct support mixture painting, using Pd(0) organo-metallic compounds – an easy and environmentally sound approach to combine decoration and electrode preparation for fuel cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20973-20979.	10.3	3
31	Cytotoxic properties of graphene derivatives depending on origin and type of cell line. <i>Journal of Materials Research</i> , 2020, 35, 2385-2395.	2.6	3
32	Synthesis of graphene foams and their sorption properties of n-hexane. <i>Journal of Porous Materials</i> , 2021, 28, 1069-1079.	2.6	2
33	Corrosion Resistance of Copper Sheet after Laser Treatment. <i>Solid State Phenomena</i> , 0, 227, 167-170.	0.3	1