

Mikalai Malashchonak

List of Publications by Year in descending order

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14
papers

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citations

1039406

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14
all docs

14
docs citations

14
times ranked

385
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocurrent Switching on Electrophoretic CdSe QD Electrodes with Different Ligands. International Journal of Nanoscience, 2019, 18, 1940053.	0.4	2
2	Determination of the Electrochemically Active Surface Area of PbSe and Bi ₂ Te ₃ Films Using the Deposition of Lead Atoms. Theoretical and Experimental Chemistry, 2019, 55, 64-71.	0.2	2
3	Eu modified Cu ₂ O thin films: Significant enhancement in efficiency of photoelectrochemical processes through suppression of charge carrier recombination. Chemical Engineering Journal, 2018, 335, 676-684.	6.6	28
4	Crystal stacking: A route to control photoelectrochemical behavior of BiOBr films. Electrochimica Acta, 2018, 290, 63-71.	2.6	5
5	Giant Incident Photon-to-Current Conversion with Photoconductivity Gain on Nanostructured Bismuth Oxysulfide Photoelectrodes under Visible-Light Illumination. Advanced Materials, 2017, 29, 1702387.	11.1	29
6	Monoclinic bismuth vanadate band gap determination by photoelectrochemical spectroscopy. Materials Chemistry and Physics, 2017, 201, 189-193.	2.0	31
7	Size-dependent photocurrent switching in chemical bath deposited CdSe quantum dot films. Journal of Solid State Electrochemistry, 2017, 21, 905-913.	1.2	9
8	Evaluation of electroactive surface area of CdSe nanoparticles on wide bandgap oxides (TiO ₂ , ZnO) by cadmium underpotential deposition. Electrochemistry Communications, 2016, 72, 176-180.	2.3	10
9	Cadmium underpotential deposition on CdSe and CdS quantum dot films: size dependent underpotential shift. Electrochimica Acta, 2016, 220, 493-499.	2.6	9
10	Photocurrent switching effect on platelet-like BiOI electrodes: influence of redox system, light wavelength and thermal treatment. Electrochimica Acta, 2016, 190, 612-619.	2.6	27
11	Influence of wide band gap oxide substrates on the photoelectrochemical properties and structural disorder of CdS nanoparticles grown by the successive ionic layer adsorption and reaction (SILAR) method. Beilstein Journal of Nanotechnology, 2015, 6, 2252-2262.	1.5	17
12	Magnetic Anisotropy in Bicomponent Self-Assembled Ni and Ni-Pd Nanowires Studied by Magnetic Resonance Spectroscopy. IEEE Transactions on Magnetics, 2015, 51, 1-7.	1.2	11
13	Band-gap and sub-band-gap photoelectrochemical processes at nanocrystalline CdS grown on ZnO by successive ionic layer adsorption and reaction method. Thin Solid Films, 2015, 589, 145-152.	0.8	19
14	Photoelectrochemical and Raman characterization of In ₂ O ₃ mesoporous films sensitized by CdS nanoparticles. Beilstein Journal of Nanotechnology, 2013, 4, 255-261.	1.5	11