

Mikalai Malashchonak

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

210
citations

1039880

9
h-index

1058333

14
g-index

14
all docs

14
docs citations

14
times ranked

385
citing authors

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