

# Ioana Mihaela H Perhaita

## List of Publications by Citations

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29  
papers

310  
citations

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17  
g-index

33  
ext. papers

370  
ext. citations

3.3  
avg, IF

3.03  
L-index

#	Paper	IF	Citations
29	Photocatalytic activity of SnO-TiO composite nanoparticles modified with PVP. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 542, 296-307	9.3	47
28	Magnetic recoverable Fe <sub>3</sub> O <sub>4</sub> -TiO <sub>2</sub> :Eu composite nanoparticles with enhanced photocatalytic activity. <i>Applied Surface Science</i> , <b>2016</b> , 390, 248-259	6.7	38
27	Tunable luminescence of broadband-excited and narrow line green emitting Y <sub>2</sub> SiO <sub>5</sub> :Ce <sup>3+</sup> , Tb <sup>3+</sup> phosphor. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 658, 356-366	5.7	31
26	A valence states approach for luminescence enhancement by low dopant concentration in Eu-doped ZnO nanoparticles. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 6075-6086	4.3	23
25	Studies on Y <sub>2</sub> SiO <sub>5</sub> :Ce phosphors prepared by gel combustion using new fuels. <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 615, 795-803	5.7	23
24	Thermal behaviour of some ester derivatives of p-tert-butyl calix[n]arene. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2012</b> , 110, 349-356	4.1	21
23	Towards understanding the enhancement of antibacterial activity in manganese doped ZnO nanoparticles. <i>Applied Surface Science</i> , <b>2019</b> , 471, 960-972	6.7	20
22	Curcumin delivered through bovine serum albumin/polysaccharides multilayered microcapsules. <i>Journal of Biomaterials Applications</i> , <b>2016</b> , 30, 857-72	2.9	19
21	Synthesis and influence of ultrasonic treatment on luminescence of Mn incorporated ZnS nanoparticles. <i>Optical Materials</i> , <b>2017</b> , 72, 533-539	3.3	12
20	Investigation of thermal decomposition of yttrium-aluminum-based precursors for YAG phosphors. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2012</b> , 110, 341-348	4.1	10
19	Effect of ultrasound treatment on the morpho-structural and luminescent characteristics of cerium doped yttrium silicate phosphors. <i>Materials Research Bulletin</i> , <b>2015</b> , 68, 295-301	5.1	8
18	The role of calcination temperature on structural and luminescence behaviour of novel apatite-based CaY (SiO)O: Ce,Tb phosphors. <i>Applied Radiation and Isotopes</i> , <b>2017</b> , 130, 188-197	1.7	6
17	Influence of vinyltriethoxysilane concentration on structural and luminescent characteristics of cerium doped yttrium based silicate phosphors. <i>Ceramics International</i> , <b>2015</b> , 41, 13179-13188	5.1	6
16	Rare earth activated yttrium aluminate phosphors with modulated luminescence. <i>Luminescence</i> , <b>2016</b> , 31, 929-36	2.5	6
15	Studies on terbium doped apatite phosphors prepared by precipitation under microwave conditions. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 755, 135-146	5.7	5
14	Thermal behavior of precursors for synthesis of Y <sub>2</sub> SiO <sub>5</sub> :Ce phosphor via gel combustion. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2015</b> , 119, 1565-1576	4.1	5
13	Optical spectroscopy of the Ce-doped multicomponent garnets. <i>Applied Radiation and Isotopes</i> , <b>2016</b> , 114, 114-20	1.7	4

12	Investigation of thermal and catalytic degradation of polystyrene waste into styrene monomer over natural volcanic tuff and Florisil catalysts. <i>Open Chemistry</i> , <b>2013</b> , 11, 725-735	1.6	4
11	Interface tailoring of SnO <sub>2</sub> /TiO <sub>2</sub> photocatalysts modified with anionic/cationic surfactants. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 3279-3298	4.3	4
10	Studies regarding ZnS:Mn nanopowders prepared from single source molecular precursor using microwave-assisted decomposition. <i>Materials Research Bulletin</i> , <b>2016</b> , 84, 57-64	5.1	3
9	Morpho-structural and luminescence investigations on yttrium silicate based phosphors prepared with different precipitating agents. <i>Open Chemistry</i> , <b>2014</b> , 12, 1023-1031	1.6	3
8	Comparative study on blue-turquoise silicate apatite phosphors prepared via different synthesis routes. <i>Journal of Sol-Gel Science and Technology</i> , <b>2019</b> , 89, 807-819	2.3	3
7	Influence of preparative conditions for obtaining ZnS:Mn nanoparticles using ultrasound-assisted precipitation. <i>Colloid and Polymer Science</i> , <b>2017</b> , 295, 2337	2.4	2
6	The Effect of Natural Clays Catalysts on Thermal Degradation of a Plastic Waste Mixture. <i>Advanced Engineering Forum</i> , <b>2013</b> , 8-9, 103-114	0.2	2
5	Synthesis and Characterization of an Experimental Zn-Hydroxyapatite Powders with Application in Dentistry. <i>Key Engineering Materials</i> , <b>2013</b> , 587, 43-51	0.4	2
4	Synthesis and Characterization of Some Graphene Oxide Powders Used as Additives in Hydraulic Mortars. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 11330	2.6	2
3	Preparation and characterization of some ethyl-phenyl modified stationary phases. <i>Journal of Planar Chromatography - Modern TLC</i> , <b>2012</b> , 25, 548-553	0.9	1
2	Evaluation of the renal calculi compositions. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2013</b> , 114, 765-775	1.5	1
1	Thin-layer chromatography capability of natural Nevşehir volcanic tuff. <i>Journal of Planar Chromatography - Modern TLC</i> , <b>2018</b> , 31, 36-47	0.9	1