

Ioana Mihaela H Perhaita

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

310
citations

10
h-index

17
g-index

33
ext. papers

370
ext. citations

3.3
avg, IF

3.03
L-index

#	Paper	IF	Citations
29	Synthesis and Characterization of Some Graphene Oxide Powders Used as Additives in Hydraulic Mortars. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 11330	2.6	2
28	Interface tailoring of SnO ₂ /TiO ₂ photocatalysts modified with anionic/cationic surfactants. <i>Journal of Materials Science</i> , 2020 , 55, 3279-3298	4.3	4
27	Photocatalytic activity of SnO-TiO composite nanoparticles modified with PVP. <i>Journal of Colloid and Interface Science</i> , 2019 , 542, 296-307	9.3	47
26	Towards understanding the enhancement of antibacterial activity in manganese doped ZnO nanoparticles. <i>Applied Surface Science</i> , 2019 , 471, 960-972	6.7	20
25	Comparative study on blue-turquoise silicate apatite phosphors prepared via different synthesis routes. <i>Journal of Sol-Gel Science and Technology</i> , 2019 , 89, 807-819	2.3	3
24	Studies on terbium doped apatite phosphors prepared by precipitation under microwave conditions. <i>Journal of Alloys and Compounds</i> , 2018 , 755, 135-146	5.7	5
23	Thin-layer chromatography capability of natural Nevşehir volcanic tuff. <i>Journal of Planar Chromatography - Modern TLC</i> , 2018 , 31, 36-47	0.9	
22	The role of calcination temperature on structural and luminescence behaviour of novel apatite-based CaY (SiO) ₂ : Ce,Tb phosphors. <i>Applied Radiation and Isotopes</i> , 2017 , 130, 188-197	1.7	6
21	Influence of preparative conditions for obtaining ZnS:Mn nanoparticles using ultrasound-assisted precipitation. <i>Colloid and Polymer Science</i> , 2017 , 295, 2337	2.4	2
20	Synthesis and influence of ultrasonic treatment on luminescence of Mn incorporated ZnS nanoparticles. <i>Optical Materials</i> , 2017 , 72, 533-539	3.3	12
19	Studies regarding ZnS:Mn nanopowders prepared from single source molecular precursor using microwave-assisted decomposition. <i>Materials Research Bulletin</i> , 2016 , 84, 57-64	5.1	3
18	Magnetic recoverable Fe ₃ O ₄ -TiO ₂ :Eu composite nanoparticles with enhanced photocatalytic activity. <i>Applied Surface Science</i> , 2016 , 390, 248-259	6.7	38
17	Rare earth activated yttrium aluminate phosphors with modulated luminescence. <i>Luminescence</i> , 2016 , 31, 929-36	2.5	6
16	Optical spectroscopy of the Ce-doped multicomponent garnets. <i>Applied Radiation and Isotopes</i> , 2016 , 114, 114-20	1.7	4
15	Tunable luminescence of broadband-excited and narrow line green emitting Y ₂ SiO ₅ :Ce ³⁺ , Tb ³⁺ phosphor. <i>Journal of Alloys and Compounds</i> , 2016 , 658, 356-366	5.7	31
14	Curcumin delivered through bovine serum albumin/polysaccharides multilayered microcapsules. <i>Journal of Biomaterials Applications</i> , 2016 , 30, 857-72	2.9	19
13	A valence states approach for luminescence enhancement by low dopant concentration in Eu-doped ZnO nanoparticles. <i>Journal of Materials Science</i> , 2015 , 50, 6075-6086	4.3	23

12	Effect of ultrasound treatment on the morpho-structural and luminescent characteristics of cerium doped yttrium silicate phosphors. <i>Materials Research Bulletin</i> , 2015 , 68, 295-301	5.1	8
11	Influence of vinyltriethoxysilane concentration on structural and luminescent characteristics of cerium doped yttrium based silicate phosphors. <i>Ceramics International</i> , 2015 , 41, 13179-13188	5.1	6
10	Thermal behavior of precursors for synthesis of Y ₂ SiO ₅ :Ce phosphor via gel combustion. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015 , 119, 1565-1576	4.1	5
9	Studies on Y ₂ SiO ₅ :Ce phosphors prepared by gel combustion using new fuels. <i>Journal of Alloys and Compounds</i> , 2014 , 615, 795-803	5.7	23
8	Morpho-structural and luminescence investigations on yttrium silicate based phosphors prepared with different precipitating agents. <i>Open Chemistry</i> , 2014 , 12, 1023-1031	1.6	3
7	Evaluation of the renal calculi compositions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013 , 114, 765-775	4.7	15
6	Investigation of thermal and catalytic degradation of polystyrene waste into styrene monomer over natural volcanic tuff and Florisil catalysts. <i>Open Chemistry</i> , 2013 , 11, 725-735	1.6	4
5	The Effect of Natural Clays Catalysts on Thermal Degradation of a Plastic Waste Mixture. <i>Advanced Engineering Forum</i> , 2013 , 8-9, 103-114	0.2	2
4	Synthesis and Characterization of an Experimental Zn-Hydroxyapatite Powders with Application in Dentistry. <i>Key Engineering Materials</i> , 2013 , 587, 43-51	0.4	2
3	Preparation and characterization of some ethyl-phenyl modified stationary phases. <i>Journal of Planar Chromatography - Modern TLC</i> , 2012 , 25, 548-553	0.9	1
2	Investigation of thermal decomposition of yttrium-aluminum-based precursors for YAG phosphors. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012 , 110, 341-348	4.1	10
1	Thermal behaviour of some ester derivatives of p-tert-butyl calix[n]arene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012 , 110, 349-356	4.1	21