

A A G Santiago

List of Publications by Citations

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26
papers

199
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27
ext. papers

282
ext. citations

4.1
avg, IF

3.27
L-index

#	Paper	IF	Citations
26	Photoluminescent properties of the Ba _{1-x} Zn _x MoO ₄ heterostructure obtained by ultrasonic spray pyrolysis. <i>Ceramics International</i> , 2018 , 44, 3775-3786	5.1	24
25	One-step synthesis of CaMoO ₄ : Eu ³⁺ nanospheres by ultrasonic spray pyrolysis. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 16867-16879	2.1	18
24	Disclosing the Structural, Electronic, Magnetic, and Morphological Properties of CuMnO ₂ : A Unified Experimental and Theoretical Approach. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 5378-5388	3.8	16
23	Synthesis and characterization of Y (In, Mn) O ₃ blue pigment using the complex polymerization method (CPM). <i>Ceramics International</i> , 2018 , 44, 11932-11939	5.1	13
22	Fast and continuous obtaining of Eu ³⁺ doped CeO ₂ microspheres by ultrasonic spray pyrolysis: characterization and photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 11508-11519	2.1	12
21	White light emission from single-phase Y ₂ MoO ₆ : xPr ³⁺ (x = 1, 2, 3 and 4 mol%) phosphor. <i>Journal of Alloys and Compounds</i> , 2018 , 769, 420-429	5.7	11
20	Fast and simultaneous doping of SrCaInO:(xEu, yTm, zTb) superstructure by ultrasonic spray pyrolysis. <i>Ultrasonics Sonochemistry</i> , 2019 , 56, 14-24	8.9	10
19	Influence Ca-doped SrIn ₂ O ₄ powders on photoluminescence property prepared one step by ultrasonic spray pyrolysis. <i>Journal of Alloys and Compounds</i> , 2018 , 747, 1078-1087	5.7	10
18	Synthesis and characterization of BaAg ₂ MoO ₄ /BaAg ₂ MoO ₄ heterostructure obtained by fast and simple ultrasonic spray pyrolysis method at different temperatures. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 4271-4278	2.1	10
17	Influence of Zn _{1-x} Ca _x WO ₄ heterostructures synthesized by spray pyrolysis on photoluminescence property. <i>Ceramics International</i> , 2019 , 45, 23256-23264	5.1	9
16	Development of ZnO/PDMS nanocomposite with photocatalytic/hydrophobic multifunction. <i>Chemical Physics Letters</i> , 2020 , 740, 137051	2.5	9
15	Spray pyrolysis synthesis and characterization of Mg _{1-x} Sr _x MoO ₄ heterostructure with white light emission. <i>Journal of Alloys and Compounds</i> , 2020 , 813, 152235	5.7	9
14	Structure, electronic properties, morphology evolution, and photocatalytic activity in PbMoO and PbCaSrMoO (= 0.1, 0.2, 0.3, 0.4 and 0.5) solid solutions. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 25876-25891	3.6	8
13	Growth mechanism and vibrational and optical properties of SrMoO ₄ : Tb ³⁺ , Sm ³⁺ particles: green-blue tunable color. <i>Journal of Materials Science</i> , 2020 , 55, 8610-8629	4.3	7
12	Atomistic Perspective on the Intrinsic White-Light Photoluminescence of Rare-Earth Free MgMoO ₄ Nanoparticles. <i>Crystal Growth and Design</i> , 2020 , 20, 6592-6603	3.5	7
11	Influence of Nb ₂ O ₅ crystal structure on photocatalytic efficiency. <i>Chemical Physics Letters</i> , 2021 , 764, 138271	2.5	6
10	Enhanced photocatalytic activity of CaMoO ₄ /g-C ₃ N ₄ composites obtained via sonochemistry synthesis. <i>Materials Research Bulletin</i> , 2021 , 146, 111621	5.1	4

9	Synthesis and characterization of BaWO ₄ :xTm ³⁺ ,yPr ³⁺ obtained by ultrasonic spray pyrolysis. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 11599-11608	2.1	3
8	Study of Photocatalytic Properties of Ag/AgCl-Decorated Soybean Protein Knitting Fabric Against Acid Blue 260 Dye by Factorial Design. <i>Journal of Electronic Materials</i> , 2020 , 49, 2118-2129	1.9	3
7	Cerium molybdate nanocrystals: Microstructural, optical and gas-sensing properties. <i>Journal of Alloys and Compounds</i> , 2021 , 857, 157562	5.7	3
6	Study of microstructural, mechanical, and biomedical properties of zirconia/hydroxyapatite ceramic composites. <i>Ceramics International</i> , 2022 ,	5.1	2
5	Presence of excited electronic states on terbium incorporation in CaMoO ₄ : Insights from experimental synthesis and first-principles calculations. <i>Journal of Physics and Chemistry of Solids</i> , 2021 , 149, 109790	3.9	2
4	Red-emitting CaWO ₄ :Eu ³⁺ ,Tm ³⁺ phosphor for solid-state lighting: Luminescent properties and morphology evolution. <i>Journal of Rare Earths</i> , 2021 , 40, 226-226	3.7	2
3	Effect of temperature on ultrasonic spray pyrolysis method in zinc tungstate: The relationship between structural and optical properties. <i>Materials Chemistry and Physics</i> , 2021 , 258, 123991	4.4	1
2	Integrated experimental and theoretical study on the phase transition and photoluminescent properties of ZrO ₂ :xTb ³⁺ (x=1, 2, 4 and 8 mol %). <i>Materials Research Bulletin</i> , 2022 , 145, 111532	5.1	0
1	Enhanced red emission in Sr(1-x)Eu _x Mo _{0.5} W _{0.5} O ₄ (x = 0.01, 0.02, 0.04) phosphor and spectroscopic analysis for display applications. <i>Journal of Materials Science</i> , 2022 , 57, 8634-8647	4.3	0