

A A G Santiago

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.

26
papers

199
citations

9
h-index

12
g-index

27
ext. papers

282
ext. citations

4.1
avg, IF

3.27
L-index

#	Paper	IF	Citations
26	Study of microstructural, mechanical, and biomedical properties of zirconia/hydroxyapatite ceramic composites. <i>Ceramics International</i> , 2022 ,	5.1	2
25	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
24	Enhanced red emission in $Sr(1-x)Eu_xMo_{0.5}W_{0.5}O_4$ ($x = 0.01, 0.02, 0.04$) phosphor and spectroscopic analysis for display applications. <i>Journal of Materials Science</i> , 2022 , 57, 8634-8647	4.3	0
23	Enhanced photocatalytic activity of $CaMoO_4/g-C_3N_4$ composites obtained via sonochemistry synthesis. <i>Materials Research Bulletin</i> , 2021 , 146, 111621	5.1	4
22	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
21	Influence of Nb_2O_5 crystal structure on photocatalytic efficiency. <i>Chemical Physics Letters</i> , 2021 , 764, 138271	2.5	6
20	Cerium molybdate nanocrystals: Microstructural, optical and gas-sensing properties. <i>Journal of Alloys and Compounds</i> , 2021 , 857, 157562	5.7	3
19	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
18	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
17	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
16	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
15	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
14	Synthesis and characterization of Ag_2MoO_4/Ag_2MoO_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
13	Development of $ZnO/PDMS$ nanocomposite with photocatalytic/hydrophobic multifunction. <i>Chemical Physics Letters</i> , 2020 , 740, 137051	2.5	9
12	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
11	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
10	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

9	Spray pyrolysis synthesis and characterization of $Mg_{1-x}Sr_xMoO_4$ heterostructure with white light emission. <i>Journal of Alloys and Compounds</i> , 2020 , 813, 152235	5-7	9
8	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
7	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
6	Influence of $Zn_{1-x}Ca_xWO_4$ heterostructures synthesized by spray pyrolysis on photoluminescence property. <i>Ceramics International</i> , 2019 , 45, 23256-23264	5-1	9
5	Influence Ca-doped $SrIn_2O_4$ 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
4	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
3	White light emission from single-phase $Y_2MoO_6: xPr^{3+}$ ($x=1, 2, 3$ and 4 mol%) phosphor. <i>Journal of Alloys and Compounds</i> , 2018 , 769, 420-429	5-7	11
2	Photoluminescent properties of the $Ba_{1-x}Zn_xMoO_4$ heterostructure obtained by ultrasonic spray pyrolysis. <i>Ceramics International</i> , 2018 , 44, 3775-3786	5-1	24
1	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