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List of Publications by Year
in descending order

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24 papers	572 citations	623734 14 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	598 citing authors

#	Article	IF	Citations
1	Highly sensitive temperature reading from intensity ratio of Eu3+ And Mn4+emissions in Y3Al5O12 nanocrystals. Materials Research Bulletin, 2022, 149, 111708.	5.2	9
2	Photoluminescence of the Eu3+-Activated YxLu1â^'xNbO4 (x = 0, 0.25, 0.5, 0.75, 1) Solid-Solution Phosphors. Crystals, 2022, 12, 427.	2.2	7
3	Triple-temperature readout in luminescence thermometry with Cr³⁺-doped Mg₂SiO₄ operating from cryogenic to physiologically relevant temperatures. Measurement Science and Technology, 2021, 32, 054004.	2.6	24
4	Multiparametric luminescence thermometry from Dy3+, Cr3+ double activated YAG. Journal of Luminescence, 2021, 238, 118306.	3.1	22
5	Temperature dependence of the Cr3+-DOPED Mg2TiO4 near-infrared emission. Optical Materials, 2021, 120, 111468.	3.6	16
6	Luminescence of Mn4+ activated Li4Ti5O12. Journal of Luminescence, 2020, 228, 117646.	3.1	13
7	Electronic structure of surface complexes between CeO2 and benzene derivatives: A comparative experimental and DFT study. Materials Chemistry and Physics, 2019, 236, 121816.	4.0	4
8	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1507" altimg="si22.svg"><mml:msub><mml:mrow><mml:mi mathvariant="normal">Li</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:mo>.</mml:mo><mml:mn>8</mml:mn></ mathvariant="normal">Na</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn><mml:mo>.</mml:mo><mml:mn>2</mml:mn>< mathvariant="normal">TiO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</. Optics Communications, 2019, 452, 342-346.	21	29
9	Li₂TiO₃:Mn⁴⁺ Deepâ€Red Phosphor for the Lifetimeâ€Based Luminescence Thermometry. ChemistrySelect, 2019, 4, 7067-7075.	1.5	41
10	MgTiO₃:Mn⁴⁺ a multi-reading temperature nanoprobe. RSC Advances, 2018, 8, 18341-18346.	3.6	56
11	Highly Sensitive Dual Selfâ€Referencing Temperature Readout from the Mn⁴⁺/Ho³⁺ Binary Luminescence Thermometry Probe. Advanced Optical Materials, 2018, 6, 1800552.	7.3	113
12	Effects of Li+ co-doping on properties of Eu3+ activated TiO2 anatase nanoparticles. Optical Materials, 2017, 72, 316-322.	3.6	14
13	Luminescence of Mn4+ ions in CaTiO3 and MgTiO3 perovskites: Relationship of experimental spectroscopic data and crystal field calculations. Optical Materials, 2017, 74, 46-51.	3.6	31
14	Charge-transfer complex formation between TiO2 nanoparticles and thiosalicylic acid: A comprehensive experimental and DFT study. Optical Materials, 2017, 73, 163-171.	3.6	12
15	Europium(III)-doped A2Hf2O7 (AÂ=ÂY, Gd, Lu) nanoparticles: Influence of annealing temperature, europium(III) concentration and host cation on the luminescent properties. Optical Materials, 2016, 61, 68-76.	3.6	18
16	Photoluminescence of europium(III)-doped (Y Sc1â^')2O3 nanoparticles: Linear relationship between structural and emission properties. Ceramics International, 2016, 42, 3899-3906.	4.8	5
17	Effect of annealing on luminescence of Eu3+- and Sm3+-doped Mg2TiO4 nanoparticles. Journal of Luminescence, 2016, 170, 679-685.	3.1	9
18	Comparative structural and photoluminescent study of Eu3+-doped La2O3 and La(OH)3 nanocrystalline powders. Journal of Physics and Chemistry of Solids, 2014, 75, 276-282.	4.0	21

#	ARTICLE	IF	CITATIONS
19	Strong emission via up-conversion of Gd2O3:Yb3+, Ho3+ nanopowders co-doped with alkali metals ions. Journal of Luminescence, 2014, 145, 466-472.	3.1	36
20	Europium-doped nanocrystalline Y2O3â"˜La2O3 solid solutions with bixbyite structure. Journal of Physics and Chemistry of Solids, 2014, 75, 1152-1159.	4.0	12
21	Enhancement of luminescence emission from GdVO4:Er3+/Yb3+ phosphor by Li+ co-doping. Journal of Solid State Chemistry, 2014, 217, 92-98.	2.9	36
22	Eu3+-doped (Y0.5La0.5)2O3: new nanophosphor with the bixbyite cubic structure. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	6
23	Annealing effects on the microstructure and photoluminescence of Eu3+-doped GdVO4 powders. Optical Materials, 2013, 35, 1797-1804.	3.6	34
24	Processing and characterization of up-converting Er3+ doped (Lu0.5Y0.5)2O3 nanophosphor. International Journal of Materials Research, 2013, 104, 216-221.	0.3	4