

Vesna ÄorÄ‘eviÄ

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10975084/publications.pdf>

Version: 2024-02-01

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 Dual Self-Referencing Temperature Readout from the Mn ⁴⁺ /Ho ³⁺ Binary Luminescence Thermometry Probe. <i>Advanced Optical Materials</i> , 2018, 6, 1800552.	7.3	113
2	MgTiO ₃ :Mn ⁴⁺ a multi-reading temperature nanoprobe. <i>RSC Advances</i> , 2018, 8, 18341-18346.	3.6	56
3	Li ₂ TiO ₃ :Mn ⁴⁺ Deep-Red Phosphor for the Lifetime-Based Luminescence Thermometry. <i>ChemistrySelect</i> , 2019, 4, 7067-7075.	1.5	41
4	Strong emission via up-conversion of Gd ₂ O ₃ :Yb ³⁺ , Ho ³⁺ nanopowders co-doped with alkali metals ions. <i>Journal of Luminescence</i> , 2014, 145, 466-472.	3.1	36
5	Enhancement of luminescence emission from GdVO ₄ :Er ³⁺ /Yb ³⁺ phosphor by Li ⁺ co-doping. <i>Journal of Solid State Chemistry</i> , 2014, 217, 92-98.	2.9	36
6	Annealing effects on the microstructure and photoluminescence of Eu ³⁺ -doped GdVO ₄ powders. <i>Optical Materials</i> , 2013, 35, 1797-1804.	3.6	34
7	Luminescence of Mn ⁴⁺ ions in CaTiO ₃ and MgTiO ₃ perovskites: Relationship of experimental spectroscopic data and crystal field calculations. <i>Optical Materials</i> , 2017, 74, 46-51.	3.6	31
8	$\text{LiNa}_8\text{O}_{10}\text{Ti}_2$ perovskite structure. <i>Optics Communications</i> , 2019, 452, 342-346.	3.1	19
9	Triple-temperature readout in luminescence thermometry with Cr ³⁺ -doped Mg ₂ SiO ₄ operating from cryogenic to physiologically relevant temperatures. <i>Measurement Science and Technology</i> , 2021, 32, 054004.	2.6	24
10	Multiparametric luminescence thermometry from Dy ³⁺ , Cr ³⁺ double activated YAG. <i>Journal of Luminescence</i> , 2021, 238, 118306.	3.1	22
11	Comparative structural and photoluminescent study of Eu ³⁺ -doped La ₂ O ₃ and La(OH) ₃ nanocrystalline powders. <i>Journal of Physics and Chemistry of Solids</i> , 2014, 75, 276-282.	4.0	21
12	Europium(III)-doped A ₂ Hf ₂ O ₇ (A = Y, Gd, Lu) nanoparticles: Influence of annealing temperature, europium(III) concentration and host cation on the luminescent properties. <i>Optical Materials</i> , 2016, 61, 68-76.	3.6	18
13	Temperature dependence of the Cr ³⁺ -DOPED Mg ₂ TiO ₄ near-infrared emission. <i>Optical Materials</i> , 2021, 120, 111468.	3.6	16
14	Effects of Li ⁺ co-doping on properties of Eu ³⁺ activated TiO ₂ anatase nanoparticles. <i>Optical Materials</i> , 2017, 72, 316-322.	3.6	14
15	Luminescence of Mn ⁴⁺ activated Li ₄ Ti ₅ O ₁₂ . <i>Journal of Luminescence</i> , 2020, 228, 117646.	3.1	13
16	Europium-doped nanocrystalline Y ₂ O ₃ ~La ₂ O ₃ solid solutions with bixbyite structure. <i>Journal of Physics and Chemistry of Solids</i> , 2014, 75, 1152-1159.	4.0	12
17	Charge-transfer complex formation between TiO ₂ nanoparticles and thiosalicylic acid: A comprehensive experimental and DFT study. <i>Optical Materials</i> , 2017, 73, 163-171.	3.6	12
18	Effect of annealing on luminescence of Eu ³⁺ - and Sm ³⁺ -doped Mg ₂ TiO ₄ nanoparticles. <i>Journal of Luminescence</i> , 2016, 170, 679-685.	3.1	9

#	ARTICLE	IF	CITATIONS
19	Highly sensitive temperature reading from intensity ratio of Eu ³⁺ And Mn ⁴⁺ emissions in Y ₃ Al ₅ O ₁₂ nanocrystals. Materials Research Bulletin, 2022, 149, 111708.	5.2	9
20	Photoluminescence of the Eu ³⁺ -Activated Y _x Lu _{1-x} NbO ₄ (x = 0, 0.25, 0.5, 0.75, 1) Solid-Solution Phosphors. Crystals, 2022, 12, 427.	2.2	7
21	Eu ³⁺ -doped (Y _{0.5} La _{0.5}) ₂ O ₃ : new nanophosphor with the bixbyite cubic structure. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	6
22	Photoluminescence of europium(III)-doped (Y Sc _{1-x}) ₂ O ₃ nanoparticles: Linear relationship between structural and emission properties. Ceramics International, 2016, 42, 3899-3906.	4.8	5
23	Electronic structure of surface complexes between CeO ₂ and benzene derivatives: A comparative experimental and DFT study. Materials Chemistry and Physics, 2019, 236, 121816.	4.0	4
24	Processing and characterization of up-converting Er ³⁺ doped (Lu _{0.5} Y _{0.5}) ₂ O ₃ nanophosphor. International Journal of Materials Research, 2013, 104, 216-221.	0.3	4