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List of Publications by Year
in descending order

Version: 2024-02-01

80 papers	3,103 citations	270111 25 h-index	182931 54 g-index
82 all docs	82 docs citations	82 times ranked	5191 citing authors

#	Article	IF	Citations
1	An approximate deconvolution method for the luminescence intensity ratio calculations from overlapping emissions. Physica B: Condensed Matter, 2022, 624, 413454.	1.3	10
2	Highly sensitive temperature reading from intensity ratio of Eu3+ And Mn4+emissions in Y3Al5O12 nanocrystals. Materials Research Bulletin, 2022, 149, 111708.	2.7	9
3	Multiple ratiometric nanothermometry using semiconductor BiFeO3 nanowires and quantitative validation of thermal sensitivity. Micro and Nano Systems Letters, 2022, 10, .	1.7	4
4	Near-Infrared Luminescent Lifetime-Based Thermometry with Mn⁵⁺-Activated Sr₃(PO₄)₂ and Ba₃(PO₄)₂ Phosphors. ACS Applied Electronic Materials, 2022, 4, 1057-1062.	2.0	22
5	Multilevel-cascade intensity ratio temperature read-out of Dy3+ luminescence thermometers. Journal of Luminescence, 2022, 245, 118795.	1.5	13
6	All near-infrared multiparametric luminescence thermometry using Er³⁺, Yb³⁺-doped YAG nanoparticles. RSC Advances, 2021, 11, 15933-15942.	1.7	11
7	Triple-temperature readout in luminescence thermometry with Cr³⁺-doped Mg₂SiO₄ operating from cryogenic to physiologically relevant temperatures. Measurement Science and Technology, 2021, 32, 054004.	1.4	24
8	Supersensitive Sm²⁺â€Activated Al₂O₃ Thermometric Coatings for Highâ€Resolution Multiple Temperature Readâ€Outs from Luminescence. Advanced Materials Technologies, 2021, 6, 2001201.	3.0	24
9	Multiparametric luminescence thermometry from Dy3+, Cr3+ double activated YAG. Journal of Luminescence, 2021, 238, 118306.	1.5	22
10	Temperature dependence of the Cr3+-DOPED Mg2TiO4 near-infrared emission. Optical Materials, 2021, 120, 111468.	1.7	16
11	MgAl2O4:Cr3+ luminescence thermometry probe in the physiological temperatures range. Ceramics International, 2021, 47, 27151-27156.	2.3	26
12	Temperature sensing using ruby coatings created by plasma electrolytic oxidation. Sensors and Actuators A: Physical, 2021, 331, 112987.	2.0	11
13	Sensitive temperature reading from intensity ratio of Cr3+ and defectsâ€™ emissions in MgTiO3:Cr3+. Ceramics International, 2021, 47, 31915-31919.	2.3	10
14	Pesticide-induced photoluminescence quenching of ultra-small Eu3+-activated phosphate and vanadate nanoparticles. Journal of Materials Science and Technology, 2020, 38, 197-204.	5.6	8
15	Surface Plasmon Enhancement of Eu3+ Emission Intensity in LaPO4/Ag Nanoparticles. Materials, 2020, 13, 3071.	1.3	4
16	Making Nd3+ a Sensitive Luminescent Thermometer for Physiological Temperaturesâ€”An Account of Pitfalls in Boltzmann Thermometry. Nanomaterials, 2020, 10, 543.	1.9	94
17	Ratiometric temperature measurement using negative thermal quenching of intrinsic BiFeO3 semiconductor nanoparticles. RSC Advances, 2020, 10, 16982-16986.	1.7	1
18	Comparison of Three Ratiometric Temperature Readings from the Er3+ Upconversion Emission. Nanomaterials, 2020, 10, 627.	1.9	44

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19	Judd-Ofelt modelling of the dual-excited single band ratiometric luminescence thermometry. Journal of Luminescence, 2020, 225, 117369.	1.5	30
20	<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></mml:mrow><mml:mrow><mml:mi mathvariant="normal">Na</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn><mml:mo>.</mml:mo><mml:mn>2</mml:mn></mml:mrow><mml:mrow><mml:mi mathvariant="normal">TiO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></. Optics Communications, 2019, 452, 342-346.	1.0	29
21	Structure, morphology, and luminescent behavior of RE3+-doped GdVO4 thin films. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	1
22	Electroless deposition of Fe-Ni alloys from acidic and alkaline solutions using hypophosphite as a reducing agent. Journal of the Serbian Chemical Society, 2019, 84, 1199-1208.	0.4	0
23	Surface Stateâ€Induced Anomalous Negative Thermal Quenching of Multiferroic BiFeO₃ Nanowires (Phys. Status Solidi RRL 1/2018). Physica Status Solidi - Rapid Research Letters, 2018, 12, 1870403.	1.2	1
24	Surface Stateâ€Induced Anomalous Negative Thermal Quenching of Multiferroic BiFeO₃ Nanowires. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1700352.	1.2	3
25	Transparent and highly luminescent dysprosium- doped GdVO4 thin films fabricated by pulsed laser deposition. Thin Solid Films, 2017, 638, 332-337.	0.8	7
26	Effect of interface on mid-infrared photothermal response of MoS2 thin film grown by pulsed laser deposition. Nano Research, 2017, 10, 3571-3584.	5.8	30
27	Whiteâ€•and blueâ€lightâ€emitting dysprosium(III) and terbium(III)â€doped gadolinium titanate phosphors. Luminescence, 2017, 32, 539-544.	1.5	4
28	Communicationâ€”Galvanic Deposition of Gold on Silicon from Au(I) Alkaline Fluoride-Free Solutions. Journal of the Electrochemical Society, 2016, 163, D818-D820.	1.3	3
29	Galvanic Processes on Silicon Surfaces in Cu(II) Alkaline Fluoride-Free Solutions. Journal of the Electrochemical Society, 2016, 163, D651-D654.	1.3	2
30	Pulsed Laser Deposited Dysprosiumâ€Doped Gadoliniumâ€“Vanadate Thin Films for Noncontact, Selfâ€Referencing Luminescence Thermometry. Advanced Materials, 2016, 28, 7745-7752.	11.1	115
31	Effect of annealing conditions on structural and luminescencent properties of Eu3+-doped Gd2Ti2O7 thin films. Applied Surface Science, 2016, 364, 273-279.	3.1	9
32	Photoluminescence of europium(III)-doped (Y Sc1â^')2O3 nanoparticles: Linear relationship between structural and emission properties. Ceramics International, 2016, 42, 3899-3906.	2.3	5
33	Effect of annealing on luminescence of Eu3+- and Sm3+-doped Mg2TiO4 nanoparticles. Journal of Luminescence, 2016, 170, 679-685.	1.5	9
34	Judd–Ofelt Analysis of Eu³⁺ Emission in TiO₂ Anatase Nanoparticles. Materials Transactions, 2015, 56, 1416-1418.	0.4	30
35	Deep-Red Emitting Mn4+ Doped Mg2TiO4 Nanoparticles. Journal of Physical Chemistry C, 2015, 119, 724-730.	1.5	78
36	Sol-Gel Derived Eu³⁺-Doped Gd₂Ti₂O₇Pyrochlore Nanopowders. Journal of Nanomaterials, 2015, 2015, 1-8.	1.5	1,125

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37	Self-referenced luminescence thermometry with Sm³⁺ doped TiO₂ nanoparticles. Nanotechnology, 2014, 25, 485501.	1.3	62
38	Structural and spectroscopic studies of Eu3+ doped Lu2O3â€“Gd2O3 solid solutions. Optical Materials, 2014, 36, 1083-1091.	1.7	24
39	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.	1.9	21
40	Strong emission via up-conversion of Gd2O3:Yb3+, Ho3+ nanopowders co-doped with alkali metals ions. Journal of Luminescence, 2014, 145, 466-472.	1.5	36
41	Synthesis and luminescent properties of rare earth (Sm3+ and Eu3+) Doped Gd2Ti2O7 pyrochlore nanopowders. Optical Materials, 2014, 37, 598-606.	1.7	35
42	Europium-doped nanocrystalline Y2O3â^'La2O3 solid solutions with bixbyite structure. Journal of Physics and Chemistry of Solids, 2014, 75, 1152-1159.	1.9	12
43	Temperature sensing from the emission rise times of Eu³⁺ in SrY₂O₄. Physical Chemistry Chemical Physics, 2014, 16, 25636-25641.	1.3	59
44	Polycrystalline (Y0.7Gd0.3)2O3:Eu3+ ceramics fabricated by Spark Plasma Sintering: Densification and microstructure development. Ceramics International, 2014, 40, 8853-8862.	2.3	12
45	Temperature sensing with Eu3+ doped TiO2 nanoparticles. Sensors and Actuators B: Chemical, 2014, 201, 46-50.	4.0	123
46	Structural, optical and crystal field analyses of undoped and Mn2+-doped ZnS nanoparticles synthesized via reverse micelle route. Journal of Luminescence, 2014, 146, 133-140.	1.5	60
47	Dynamic mechanical and thermal properties of the composites of thermoplastic starch and lanthanum hydroxide nanoparticles. Journal of Applied Polymer Science, 2013, 127, 699-709.	1.3	7
48	Eu3+-doped (Y0.5La0.5)2O3: new nanophosphor with the bixbyite cubic structure. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	6
49	The comparative kinetic analysis of the non-isothermal crystallization process of Eu3+ doped Zn2SiO4 powders prepared via polymer induced solâ€“gel method. Powder Technology, 2013, 249, 497-512.	2.1	20
50	Annealing effects on the microstructure and photoluminescence of Eu3+-doped GdVO4 powders. Optical Materials, 2013, 35, 1797-1804.	1.7	34
51	ICOM2012: 3rd International Conference on the Physics of Optical Materials and Devices (Belgrade,) Tj ETQq1 1 0.784314 rgBT /Ove	1.2	0
52	Thermographic properties of a Eu³⁺-doped (Y_{0.75}Gd_{0.25})₂O₃nanophosphor under UV and x-ray excitation. Physica Scripta, 2013, 87, 055703.	1.2	12
53	Luminescence thermometry with Zn2SiO4:Mn2+ powder. Applied Physics Letters, 2013, 103, .	1.5	80
54	Processing and characterization of up-converting Er3+ doped (Lu0.5Y0.5)2O3 nanophosphor. International Journal of Materials Research, 2013, 104, 216-221.	0.1	4

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55	Thermographic properties of Eu3+ and Sm3+ doped Lu2O3 nanophosphor. Journal of the Serbian Chemical Society, 2012, 77, 1735-1746.	0.4	25
56	Structural and optical investigation of gadolinia-doped ceria powders prepared by polymer complex solution method. International Journal of Materials Research, 2012, 103, 884-888.	0.1	7
57	Thermographic properties of Sm³⁺-doped GdVO₄phosphor. Physica Scripta, 2012, T149, 014063.	1.2	18
58	Multisite luminescence of rare earth doped TiO2 anatase nanoparticles. Materials Chemistry and Physics, 2012, 135, 1064-1069.	2.0	117
59	PMMA/Zn2SiO4:Eu3+(Mn2+) Composites: Preparation, Optical, and Thermal Properties. Journal of Materials Engineering and Performance, 2012, 21, 1509-1513.	1.2	8
60	Fabrication of polycrystalline (Y0.7Gd0.3)2O3:Eu3+ ceramics: The influence of initial pressure and sintering temperature on its morphology and photoluminescence activity. Ceramics International, 2012, 38, 1303-1313.	2.3	14
61	Structural, spectroscopic and crystal field analyses of Ni2+ andÂCo2+ doped Zn2SiO4 powders. Applied Physics A: Materials Science and Processing, 2011, 104, 483-492.	1.1	22
62	Preparation of Y2O3:Eu3+ nanopowders via polymer complex solution method and luminescence properties of the sintered ceramics. Ceramics International, 2011, 37, 525-531.	2.3	67
63	LaYO3:Sm3+Nanocrystalline Phosphor: Preparation and Emission Properties. Acta Physica Polonica A, 2011, 120, 303-305.	0.2	8
64	Rare-earth doped (Lu0.85Y0.15)2SiO5 nanocrystalline powders obtained by polymer assisted solâ€“gel synthesis. Radiation Measurements, 2010, 45, 475-477.	0.7	6
65	(Y0.5Lu0.5)2O3:Eu3+ nanopowders: Combustion synthesis, structure and optical properties. Radiation Measurements, 2010, 45, 438-440.	0.7	7
66	Preparation, structural and spectroscopic studies of (YxLu1â^'x)2O3:Eu3+ nanopowders. Optical Materials, 2010, 32, 1612-1617.	1.7	15
67	Characterization of rare-earth doped Lu2O3 nanopowders prepared with polymer complex solution synthesis. Journal of Alloys and Compounds, 2010, 505, 224-228.	2.8	33
68	Gd₂O₃:Eu³⁺/PMMA Composite: Thermal and Luminescence Properties. Acta Physica Polonica A, 2010, 117, 831-836.	0.2	7
69	Morphology, mechanical and thermal properties of composites of polypropylene and nanostructured wollastonite filler. Polymer Testing, 2009, 28, 348-356.	2.3	132
70	Polymer-assisted solâ€“gel synthesis and characterization of Zn2SiO4:Eu3+ powders. Journal of Alloys and Compounds, 2009, 480, 494-498.	2.8	16
71	Optical Properties of Y₂O₃:Eu³⁺Red Emitting Phosphor Obtained via Spray Pyrolysis. Acta Physica Polonica A, 2009, 116, 622-624.	0.2	38
72	Nanostructure designed powders of optical active materials MexSiOy obtained by ultrasonic spray pyrolysis. Optical Materials, 2008, 30, 1168-1172.	1.7	5

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73	Polymer complex solution synthesis of (YxGd1â^'x)2O3:Eu3+ nanopowders. Optical Materials, 2008, 30, 1023-1027.	1.7	34
74	Luminescence properties of SiO2:Eu3+ nanopowders: Multi-step nano-designing. Journal of Alloys and Compounds, 2008, 453, 253-260.	2.8	15
75	Synthesis of Y2SiO5:Eu3+ nanoparticles from a hydrothermally prepared silica sol. Journal of Alloys and Compounds, 2008, 464, 357-360.	2.8	16
76	Novel Lowâ€Temperature Synthesis of Disodium Dimolybdate by Ultrasonic Spray Pyrolysis. Journal of the American Ceramic Society, 2007, 90, 4030-4032.	1.9	4
77	Investigation on the Crystallization Process of Eu³⁺:CaSiO₃Gel Using Optical and Thermal Methods. Acta Physica Polonica A, 2007, 112, 969-974.	0.2	6
78	Optical and Thermal Investigation of Sol-Gel Derived Eu³⁺:Y₂SiO₅Nanoparticles. Acta Physica Polonica A, 2007, 112, 975-980.	0.2	5
79	Luminescence and structural properties of Gd2SiO5:Eu3+ nanophosphors synthesized from the hydrothermal obtained silica sol. Journal of Alloys and Compounds, 2006, 424, 213-217.	2.8	34
80	Magnetic properties of nanostructured SiOo2:Eu3+ powders. Journal of the Serbian Chemical Society, 2006, 71, 413-420.	0.4	2