Miroslav D DramiÄanin

List of Publications by Year
in descending order

247 papers	11,079 citations	44444 50 h-index	40945 97 g-index

250 all docs	250 docs citations	250 times ranked	14911 citing authors

#	Article	IF	Citations
1	Lanthanide dopant stabilized Ti3+ state and supersensitive Ti3+ -based multiparametric luminescent thermometer in SrTiO3:Ln3+ (Ln3+ = Lu3+, La3+, Tb3+) nanocrystals. Chemical Engineering Journal, 2022, 428, 131165.	6.6	21
2	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
3	Photoluminescence of the Eu3+-Activated YxLu1â^'xNbO4 (x = 0, 0.25, 0.5, 0.75, 1) Solid-Solution Phosphors. Crystals, 2022, 12, 427.	1.0	7
4	Effects of chemical composition on the structural stability, elastic, vibrational, and electronic properties of Cs₂NaLnX₆ (LnÂ=ÂLaâ€¦Lu, XÂ=ÂF, Cl, Br, I) elpasolites. Journal of the American Ceramic Society, 2021, 104, 1489-1500.	1.9	7
5	All near-infrared multiparametric luminescence thermometry using Er³⁺, Yb³⁺-doped YAG nanoparticles. RSC Advances, 2021, 11, 15933-15942.	1.7	11
6	Strong sensitivity enhancement in lifetime-based luminescence thermometry by co-doping of SrTiO₃:Mn⁴⁺ nanocrystals with trivalent lanthanide ions. Journal of Materials Chemistry C, 2021, 9, 10309-10316.	2.7	14
7	Luminescence Intensity Ratio Thermometry with Er3+: Performance Overview. Crystals, 2021, 11, 189.	1.0	34
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	Juddâ€“Ofelt Parametrization from the Emission Spectrum of Pr³⁺ Doped Materials: Theory, Application Software, and Demonstration on Pr³⁺ Doped YF₃ and LaF₃. Advanced Theory and Simulations, 2021, 4, 2100082.	1.3	7
10	Multiparametric luminescence thermometry from Dy3+, Cr3+ double activated YAG. Journal of Luminescence, 2021, 238, 118306.	1.5	22
11	Narrow-band red phosphors of high colour purity based on Eu³⁺-activated apatite-type Gd_{9.33}(SiO₄)₆O₂. Journal of Materials Chemistry C, 2021, 9, 7474-7484.	2.7	27
12	The role of Cr³⁺ and Cr⁴⁺ in emission brightness enhancement and sensitivity improvement of NIR-emitting Nd³⁺/Er³⁺ ratiometric luminescent thermometers. Journal of Materials Chemistry C, 2021, 9, 12671-12680.	2.7	17
13	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
14	Judd-Ofelt parametrization from emission spectra: The case study of the Eu3+ 5D1 emitting level. Chemical Physics, 2020, 528, 110513.	0.9	36
15	Temperature and concentration dependent Judd-Ofelt analysis of Y2O3:Eu3+ and YVO4:Eu3+. Physica B: Condensed Matter, 2020, 579, 411891.	1.3	8
16	Structural and Luminescent Properties of Y 2 Mo 4 O 15 :Eu 3+ Red Phosphor Calcined at Different Temperatures. Physica Status Solidi (B): Basic Research, 2020, 257, 1900454.	0.7	2
17	Singleâ€Crystal Red Phosphors: Enhanced Optical Efficiency and Improved Chemical Stability for wLEDs. Advanced Optical Materials, 2020, 8, 1901512.	3.6	36
18	Absorption and fluorescence spectral properties of azo dyes based on 3-amido-6-hydroxy-4-methyl-2-pyridone: Solvent and substituent effects. Dyes and Pigments, 2020, 175, 108139.	2.0	27

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19	Trends in luminescence thermometry. Journal of Applied Physics, 2020, 128, .	1.1	303
20	Surface Plasmon Enhancement of Eu3+ Emission Intensity in LaPO4/Ag Nanoparticles. Materials, 2020, 13, 3071.	1.3	4
21	Making Nd3+ a Sensitive Luminescent Thermometer for Physiological Temperaturesâ€"An Account of Pitfalls in Boltzmann Thermometry. Nanomaterials, 2020, 10, 543.	1.9	94
22	Ratiometric temperature measurement using negative thermal quenching of intrinsic BiFeO3 semiconductor nanoparticles. RSC Advances, 2020, 10, 16982-16986.	1.7	1
23	Luminescence Thermometry Using Dy3+-Activated Na0.25K0.25Bi0.5TiO3 Powders. Journal of Electronic Materials, 2020, 49, 4002-4009.	1.0	4
24	Structural modulation induced intensity enhancement of full color spectra: a case of Ba₃ZnTa_{2â^'x}Nb_xO₉:Eu³⁺ phosphors. Journal of Materials Chemistry C, 2020, 8, 6715-6723.	2.7	15
25	Comparison of Three Ratiometric Temperature Readings from the Er3+ Upconversion Emission. Nanomaterials, 2020, 10, 627.	1.9	44
26	Judd-Ofelt modelling of the dual-excited single band ratiometric luminescence thermometry. Journal of Luminescence, 2020, 225, 117369.	1.5	30
27	Zinc oxide nanoparticles prepared by thermal decomposition of zinc benzenepolycarboxylato precursors: Photoluminescent, photocatalytic and antimicrobial properties. Journal of the Serbian Chemical Society, 2020, 85, 1475-1488.	0.4	3
28	The Parallel Factor Analysis of Beer Fluorescence. Journal of Fluorescence, 2019, 29, 1103-1111.	1.3	14
29	Structure and enhanced antimicrobial activity of mechanically activated nano TiO₂. Journal of the American Ceramic Society, 2019, 102, 7735-7745.	1.9	10
30	<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:msub><mml:msub><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:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">TiO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>. Optics Communications, 2019, 452, 342-346.	1.0	29
31	An extension of the Judd-Ofelt theory to the field of lanthanide thermometry. Journal of Luminescence, 2019, 216, 116749.	1.5	59
32	Custom-built thermometry apparatus and luminescence intensity ratio thermometry of ZrO₂:Eu³⁺ and Nb₂O₅:Eu³⁺. Measurement Science and Technology, 2019, 30, 045001.	1.4	20
33	Eu³⁺-Activated Sr₃ZnTa₂O₉ single-component white light phosphors: emission intensity enhancement and color rendering improvement. Journal of Materials Chemistry C, 2019, 7, 2596-2603.	2.7	63
34	Detection of Cu2+ ions in aqueous solution via emission quenching of colloidal EuPO4 ultrasmall nanoparticles. Optical Materials, 2019, 89, 142-148.	1.7	12
35	Time-integrated luminescence thermometry of Eu3+ and Dy3+ doped YVO4. Sensors and Actuators A: Physical, 2019, 295, 450-455.	2.0	31
36	Li₂TiO₃:Mn⁴⁺ Deepâ€Red Phosphor for the Lifetimeâ€Based Luminescence Thermometry. ChemistrySelect, 2019, 4, 7067-7075.	0.7	41

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37	Approximate prediction of the CIE coordinates of lanthanide-doped materials from the Judd-Ofelt intensity parameters. Journal of Luminescence, 2019, 213, 395-400.	1.5	12
38	Structure, morphology, and luminescent behavior of RE3+-doped GdVO4 thin films. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	1
39	Efficient Luminescence Enhancement of Mg₂TiO₄:Mn⁴⁺ Red Phosphor by Incorporating Plasmonic Ag@SiO₂ Nanoparticles. ACS Applied Materials & Interfaces, 2019, 11, 21004-21009.	4.0	25
40	High-throughput first-principles calculations as a powerful guiding tool for materials engineering: Case study of the AB2X4 (Aâ€¯=â€¯Be, Mg, Ca, Sr, ba; Bâ€¯=â€¯Al, Ga, in; Xâ€¯=â€¯O, S) spinel compounds. Results in Physics, 2019, 13, 102180.	2.0	18
41	Annealing effect on the photoluminescence properties of Ce3+ doped YPO4 nanophosphors. Optical Materials, 2019, 91, 35-41.	1.7	8
42	Photoluminescence properties and thermal stability of RE2-xEuxSn2O7 (REâ€¯=â€¯Y3+, Gd3+, Lu3+) red nanophosphors: An experimental and theoretical study. Powder Technology, 2019, 346, 150-159.	2.1	26
43	Judd-Ofelt and chromaticity analysis of hafnia doped with trivalent europium as a potential white LED phosphor. Optical Materials, 2019, 88, 392-395.	1.7	21
44	The influence of gamma irradiation on the color change of wool, linen, silk, and cotton fabrics used in cultural heritage artifacts. Radiation Physics and Chemistry, 2019, 156, 307-313.	1.4	16
45	JOES: An application software for Judd-Ofelt analysis from Eu3+ emission spectra. Journal of Luminescence, 2019, 205, 351-356.	1.5	126
46	Particle size effects on the structure and emission of Eu3+:LaPO4 and EuPO4 phosphors. Journal of Luminescence, 2018, 195, 420-429.	1.5	48
47	Mn²⁺and Mn⁴⁺red phosphors: synthesis, luminescence and applications in WLEDs. A review. Journal of Materials Chemistry C, 2018, 6, 2652-2671.	2.7	511
48	Intra- and inter-configurational luminescence spectroscopy of Pr 3+ -doped YPO 4 nanophosphors. Current Applied Physics, 2018, 18, 437-446.	1.1	7
49	Luminescence temperature sensing in visible and NIR spectral range using Dy3+ and Nd3+ doped YNbO4. Sensors and Actuators A: Physical, 2018, 270, 89-96.	2.0	52
50	Gamma-radiation effects on luminescence properties of Eu3+ activated LaPO4 phosphor. Nuclear Instruments & Methods in Physics Research B, 2018, 422, 85-90.	0.6	4
51	Multicolor-tunable emissions of YOF: Ln3+/Yb3+ (Ln3+ = Ho3+, Er3+, Tm3+) nanophosphors. Dyes and Pigments, 2018, 155, 233-240.	2.0	20
52	Broad-band emission of A₃Bâ€²Bâ€²â€²₂O₉ complex perovskites (A = Ba, Sr;) Tj ETQq0 0 0 rgBT Chemistry C, 2018, 6, 12566-12574.	2.7	11
53	Radiation effects, photoluminescence and radioluminescence of Eu-doped (Y0.7Gd0.3)2O3 nanoparticles with various sizes. Optical Materials, 2018, 86, 582-589.	1.7	1
54	Radiation effects on luminescent and structural properties of YPO4: Pr3+ nanophosphors. Radiation Effects and Defects in Solids, 2018, 173, 1054-1067.	0.4	1

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55	Luminescence Intensity Ratio thermometry and Judd-Ofelt analysis of TiO2:Eu3+. Optical Materials, 2018, 85, 261-266.	1.7	42
56	Detection of Adulterated Honey by Fluorescence Excitation-Emission Matrices. Journal of Spectroscopy, 2018, 2018, 1-6.	0.6	19
57	Improved coloristic properties and high NIR reflectance of environment-friendly yellow pigments based on bismuth vanadate. Ceramics International, 2018, 44, 22731-22737.	2.3	28
58	High resolution luminescence spectroscopy and thermoluminescence of different size LaPO4:Eu3+ nanoparticles. Optical Materials, 2018, 82, 39-46.	1.7	5
59	MgTiO₃:Mn⁴⁺ a multi-reading temperature nanoprobe. RSC Advances, 2018, 8, 18341-18346.	1.7	56
60	Highly Sensitive Dual Selfâ€Referencing Temperature Readout from the Mn⁴⁺/Ho³⁺ Binary Luminescence Thermometry Probe. Advanced Optical Materials, 2018, 6, 1800552.	3.6	113
61	A comparative study of photocatalytically active nanocrystalline tetragonal zyrcon-type and monoclinic scheelite-type bismuth vanadate. Ceramics International, 2018, 44, 17953-17961.	2.3	30
62	DUV fluorescence bioimaging study of the interaction of partially reduced graphene oxide and liver cancer cells. 2D Materials, 2018, 5, 045019.	2.0	3
63	Simple route for the preparation of graphene/poly(styreneâ€bâ€butadieneâ€bâ€styrene) nanocomposite films with enhanced electrical conductivity and hydrophobicity. Polymer International, 2018, 67, 1118-1127.	1.6	4
64	Introduction to Measurements of Temperature. , 2018, , 1-12.		2
65	Temperature and Ways ofÂMeasuring It. , 2018, , 13-32.		1
66	Luminescence: The Basics, Methods, and Instrumentation. , 2018, , 33-61.		3
67	Schemes for Temperature Read-Out From Luminescence. , 2018, , 63-83.		5
68	Methods of Analysis for Luminescence Thermometry Measurements. , 2018, , 85-112.		1
69	Lanthanide and Transition Metal Ion Doped Materials for Luminescence Temperature Sensing. , 2018, , 113-157.		18
70	Luminescence Temperature Sensing Using Organic Materials. , 2018, , 189-214.		1
71	Applications of Luminescence Thermometry in Engineering. , 2018, , 215-233.		10
72	Biomedical Applications of Luminescence Thermometry. , 2018, , 235-250.		5

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73	Temperature Measurements at the Nanoscale. , 2018, , 251-263.		3
74	Achieving Multifunctionality by Combining Thermometry With Other Luminescence Applications. , 2018, , 265-286.		0
75	Accuracy in determining absorbed irradiation dose at different temperature measurements using ethanol chlorobenzene - oscillotitrator system. Nuclear Technology and Radiation Protection, 2018, 33, 363-368.	0.3	6
76	Discoloration of resin based composites in natural juices and energy drinks. Vojnosanitetski Pregled, 2018, 75, 787-794.	0.1	2
77	Refractive indices of unfilled resin mixtures and cured composites related to color and translucency of conventional and lowâ€shrinkage composites. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 7-13.	1.6	17
78	Cytotoxicity and genotoxicity of a low-shrinkage monomer and monoacylphosphine oxide photoinitiator: Comparative analyses of individual toxicity and combination effects in mixtures. Dental Materials, 2017, 33, 454-466.	1.6	33
79	Characterization of cereal flours by fluorescence spectroscopy coupled with PARAFAC. Food Chemistry, 2017, 229, 165-171.	4.2	37
80	Enhancing photoluminescence of graphene quantum dots by thermal annealing of the graphite precursor. Materials Research Bulletin, 2017, 93, 183-193.	2.7	36
81	Antibacterial potential of electrochemically exfoliated graphene sheets. Journal of Colloid and Interface Science, 2017, 500, 30-43.	5.0	31
82	Whiteningâ€dependent changes of fluorescence of extracted human teeth. Journal of Esthetic and Restorative Dentistry, 2017, 29, 352-355.	1.8	0
83	Europium-doped GdVO4 nanocrystals as a luminescent probe for hydrogen peroxide and for enzymatic sensing of glucose. Sensors and Actuators B: Chemical, 2017, 241, 349-356.	4.0	61
84	Enhanced photocatalytic degradation of methylene blue and methyl orange by ZnO:Eu nanoparticles. Applied Catalysis B: Environmental, 2017, 203, 740-752.	10.8	297
85	Whiteâ€and blueâ€lightâ€emitting dysprosium(III) and terbium(III)â€doped gadolinium titanate phosphors. Luminescence, 2017, 32, 539-544.	1.5	4
86	Neodymiumâ€Based Stoichiometric Ultrasmall Nanoparticles for Multifunctional Deepâ€Tissue Photothermal Therapy. Advanced Optical Materials, 2016, 4, 782-789.	3.6	73
87	Luminescence of Cr3+ ions in ZnAl2O4 and MgAl2O4 spinels: correlation between experimental spectroscopic studies and crystal field calculations. Journal of Luminescence, 2016, 177, 145-151.	1.5	86
88	Enhanced photoredox chemistry in surface-modified Mg₂TiO₄ nano-powders with bidentate benzene derivatives. RSC Advances, 2016, 6, 94780-94786.	1.7	18
89	Sensing temperature via downshifting emissions of lanthanide-doped metal oxides and salts. A review. Methods and Applications in Fluorescence, 2016, 4, 042001.	1.1	249
90	Pulsed Laser Deposited Dysprosiumâ€Doped Gadoliniumâ€“Vanadate Thin Films for Noncontact, Selfâ€Referencing Luminescence Thermometry. Advanced Materials, 2016, 28, 7745-7752.	11.1	115

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91	Changes of Color and Fluorescence of Resin Composites Immersed in Beer. Journal of Esthetic and Restorative Dentistry, 2016, 28, 330-338.	1.8	9
92	Contactless temperature sensing via luminescence. , 2016, , .		0
93	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.	1.7	18
94	Effect of resin and photoinitiator on color, translucency and color stability of conventional and low-shrinkage model composites. Dental Materials, 2016, 32, 183-191.	1.6	44
95	Multicolor upconversion luminescence of GdVO4:Ln3+/Yb3+ (Ln3+Â=ÂHo3+, Er3+, Tm3+, Ho3+/Er3+/Tm3+) nanorods. Dyes and Pigments, 2016, 126, 1-7.	2.0	58
96	Uncertainty and routine use of Aerial l -alanine â€“ Electron spin resonance dosimetry system. Radiation Measurements, 2016, 89, 63-67.	0.7	3
97	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
98	Photoluminescence of europium(III)-doped (Y Sc1âˆ')2O3 nanoparticles: Linear relationship between structural and emission properties. Ceramics International, 2016, 42, 3899-3906.	2.3	5
99	PARAFAC: A tool for the analysis of phosphor mixture luminescence. Journal of Luminescence, 2016, 170, 136-140.	1.5	5
100	Effects of a low-shrinkage methacrylate monomer and monoacylphosphine oxide photoinitiator on curing efficiency and mechanical properties of experimental resin-based composites. Materials Science and Engineering C, 2016, 58, 487-494.	3.8	28
101	Non-contact thermometry with Dy3+ doped Gd2Ti2O7 nano-powders. Journal of Luminescence, 2016, 170, 395-400.	1.5	73
102	Luminescence thermometry with Eu3+ doped GdAlO3. Journal of Luminescence, 2016, 170, 467-471.	1.5	59
103	Effect of annealing on luminescence of Eu3+- and Sm3+-doped Mg2TiO4 nanoparticles. Journal of Luminescence, 2016, 170, 679-685.	1.5	9
104	Ratiometric luminescence thermometry with different combinations of emissions from Eu3+ doped Gd2Ti2O7 nanoparticles. Journal of Luminescence, 2016, 169, 534-538.	1.5	55
105	Analysis of luminescence of Eu3+ doped Lu2Ti2O7 powders with Judd-Ofelt theory. Journal of Research in Physics, 2015, 38-39, 23-32.	0.2	9
106	Judd–Ofelt Analysis of Eu³⁺ Emission in TiO₂ Anatase Nanoparticles. Materials Transactions, 2015, 56, 1416-1418.	0.4	30
107	Neodymium-doped nanoparticles for infrared fluorescence bioimaging: The role of the host. Journal of Applied Physics, 2015, 118, .	1.1	102
108	Analysis of Eu³⁺Emission from Mg₂TiO₄Nanoparticles by Judd-Ofelt Theory. Advances in Condensed Matter Physics, 2015, 2015, 1-7.	0.4	9

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109	Facile synthesis of water-soluble curcumin nanocrystals. Journal of the Serbian Chemical Society, 2015, 80, 63-72.	0.4	10
110	Deep-Red Emitting Mn4+ Doped Mg2TiO4 Nanoparticles. Journal of Physical Chemistry C, 2015, 119, 724-730.	1.5	78
111	Sol-Gel Derived Eu³⁺-Doped Gd₂Ti₂O₇Pyrochlore Nanopowders. Journal of Nanomaterials, 2015, 2015, 1-8.	1.5	1,125
112	P0457 : Graphene quantum dots attenuate concanavalin A-induced hepatitis. Journal of Hepatology, 2015, 62, S483-S484.	1.8	0
113	Visible light absorption of surface modified TiO2 powders with bidentate benzene derivatives. Microporous and Mesoporous Materials, 2015, 217, 184-189.	2.2	42
114	Kinetic study of isothermal crystallization process of Gd2Ti2O7 precursor's powder prepared through the Pechini synthetic approach. Journal of Physics and Chemistry of Solids, 2015, 85, 160-172.	1.9	6
115	Effects of Ho3+ and Yb3+ doping concentrations and Li+ co-doping on the luminescence of GdVO4 powders. Optical Materials, 2015, 45, 76-81.	1.7	37
116	Modification of Structural and Luminescence Properties of Graphene Quantum Dots by Gamma Irradiation and Their Application in a Photodynamic Therapy. ACS Applied Materials & Interfaces, 2015, 7, 25865-25874.	4.0	94
117	Fluorescence spectroscopy coupled with PARAFAC and PLS DA for characterization and classification of honey. Food Chemistry, 2015, 175, 284-291.	4.2	234
118	Influence of Er3+/Yb3+ concentration ratio on the down-conversion and up-conversion luminescence and lifetime in GdVO4:Er3+/Yb3+ microcrystals. Science of Sintering, 2015, 47, 221-228.	0.5	7
119	Authentication of the botanical origin of unifloral honey by infrared spectroscopy coupled with support vector machine algorithm. Physica Scripta, 2014, T162, 014042.	1.2	11
120	Determination of the Botanical Origin of Honey by Front-Face Synchronous Fluorescence Spectroscopy. Applied Spectroscopy, 2014, 68, 557-563.	1.2	49
121	Gamma ray-assisted irradiation of few-layer graphene films: a Raman spectroscopy study. Physica Scripta, 2014, T162, 014025.	1.2	7
122	Self-referenced luminescence thermometry with Sm³⁺ doped TiO₂ nanoparticles. Nanotechnology, 2014, 25, 485501.	1.3	62
123	Photodynamic antibacterial effect of graphene quantum dots. Biomaterials, 2014, 35, 4428-4435.	5.7	341
124	Temperature quenching of luminescence emission in Eu3+- and Sm3+-doped YNbO4 powders. Journal of Luminescence, 2014, 151, 82-87.	1.5	61
125	Structural, morphological and up-converting luminescence characteristics of nanocrystalline Y2O3:Yb/Er powders obtained via spray pyrolysis. Ceramics International, 2014, 40, 3089-3095.	2.3	16
126	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

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127	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
128	Large Graphene Quantum Dots Alleviate Immune-Mediated Liver Damage. ACS Nano, 2014, 8, 12098-12109.	7.3	82
129	Synthesis and luminescent properties of rare earth (Sm3+ and Eu3+) Doped Gd2Ti2O7 pyrochlore nanopowders. Optical Materials, 2014, 37, 598-606.	1.7	35
130	Structural Analysis of Single Wall Carbon Nanotubes Exposed to Oxidation and Reduction Conditions in the Course of Gamma Irradiation. Journal of Physical Chemistry C, 2014, 118, 16147-16155.	1.5	7
131	Luminescence thermometry below room temperature via up-conversion emission of Y2O3:Yb3+,Er3+ nanophosphors. Journal of Applied Physics, 2014, 115, .	1.1	145
132	Europium-doped nanocrystalline Y2O3â˜’La2O3 solid solutions with bixbyite structure. Journal of Physics and Chemistry of Solids, 2014, 75, 1152-1159.	1.9	12
133	Temperature sensing from the emission rise times of Eu³⁺ in SrY₂O₄. Physical Chemistry Chemical Physics, 2014, 16, 25636-25641.	1.3	59
134	Yb3+, Er3+ doped Y2O3 nanoparticles of different shapes prepared by self-propagating room temperature reaction method. Ceramics International, 2014, 40, 16033-16039.	2.3	16
135	Mechanism and Kinetics of J-Aggregation of Thiacyanine Dye in the Presence of Silver Nanoparticles. Journal of Physical Chemistry C, 2014, 118, 23393-23401.	1.5	26
136	Study of non-isothermal crystallization of Eu3+ doped Zn2SiO4 powders through the application of various macrokinetic models. Journal of Alloys and Compounds, 2014, 587, 398-414.	2.8	4
137	Temperature sensing with Eu3+ doped TiO2 nanoparticles. Sensors and Actuators B: Chemical, 2014, 201, 46-50.	4.0	123
138	Enhancement of luminescence emission from GdVO4:Er3+/Yb3+ phosphor by Li+ co-doping. Journal of Solid State Chemistry, 2014, 217, 92-98.	1.4	36
139	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
140	Discrimination among Melanoma, Nevi, and Normal Skin by Using Synchronous Luminescence Spectroscopy. Applied Spectroscopy, 2014, 68, 823-830.	1.2	8
141	Multifunctional Eu3+- and Er3+/Yb3+-doped GdVO4 nanoparticles synthesized by reverse micelle method. Scientific Reports, 2014, 4, 4209.	1.6	200
142	Y3Al5O12:Re3+ (Re=Ce, Eu, and Sm) nanocrystalline powders prepared by modified glycine combustion method. Science of Sintering, 2014, 46, 75-82.	0.5	12
143	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
144	Eu3+-doped (Y0.5La0.5)2O3: new nanophosphor with the bixbyite cubic structure. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	6

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145	The 3rd International Conference on the Physics of Optical Materials and Devices â€“ ICOM2012, Belgrade, Republic of Serbia, September 2ndâ€“6th 2012. Optical Materials, 2013, 35, 1761.	1.7	0
146	Structural, morphological and luminescence properties of nanocrystalline up-converting Y1.89Yb0.1Er0.01O3 phosphor particles synthesized through aerosol route. Journal of Alloys and Compounds, 2013, 580, 584-591.	2.8	10
147	Low-temperature effects on up-conversion emission of Er3+/Yb3+-co-doped Y2O3. Physica Scripta, 2013, T157, 014054.	1.2	2
148	Aerosol route as a feasible bottom-up chemical approach for up-converting phosphor particles processing. Advanced Powder Technology, 2013, 24, 852-857.	2.0	11
149	Color-tunable up-conversion emission in Y2O3:Yb3+, Er3+ nanoparticles prepared by polymer complex solution method. Nanoscale Research Letters, 2013, 8, 131.	3.1	36
150	Y2O3:Yb,Tm and Y2O3:Yb,Ho powders for low-temperature thermometry based on up-conversion fluorescence. Ceramics International, 2013, 39, 1129-1134.	2.3	136
151	Surface modification of anatase nanoparticles with fused ring salicylate-type ligands (3-hydroxy-2-naphthoic acids): a combined DFT and experimental study of optical properties. Nanoscale, 2013, 5, 7601.	2.8	46
152	Adsorption and fluorescence quenching of 5,5â€²-disulfopropyl-3,3â€²-dichlorothiacyanine dye on gold nanoparticles. New Journal of Chemistry, 2013, 37, 743.	1.4	16
153	Preparation and characterization of chrome doped sphene pigments prepared via precursor mechanochemical activation. Journal of Alloys and Compounds, 2013, 579, 290-294.	2.8	5
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