Miroslav D DramiÄanin

List of Publications by Year
in descending order

247 papers	11,079 citations	38742 50 h-index	36028 97 g-index
250 all docs	250 docs citations	250 times ranked	13405 citing authors

#	Article	IF	Citations
1	Sol-Gel Derived Eu³⁺-Doped Gd₂Ti₂O₇Pyrochlore Nanopowders. Journal of Nanomaterials, 2015, 2015, 1-8.	2.7	1,125
2	Mn²⁺and Mn⁴⁺red phosphors: synthesis, luminescence and applications in WLEDs. A review. Journal of Materials Chemistry C, 2018, 6, 2652-2671.	5.5	511
3	In vitro comparison of the photothermal anticancer activity of graphene nanoparticles and carbon nanotubes. Biomaterials, 2011, 32, 1121-1129.	11.4	510
4	Photoluminescence of Anatase and Rutile TiO2Particlesâ€. Journal of Physical Chemistry B, 2006, 110, 25366-25370.	2.6	407
5	Graphene quantum dots as autophagy-inducing photodynamic agents. Biomaterials, 2012, 33, 7084-7092.	11.4	372
6	Photodynamic antibacterial effect of graphene quantum dots. Biomaterials, 2014, 35, 4428-4435.	11.4	341
7	Trends in luminescence thermometry. Journal of Applied Physics, 2020, 128, .	2.5	303
8	Enhanced photocatalytic degradation of methylene blue and methyl orange by ZnO:Eu nanoparticles. Applied Catalysis B: Environmental, 2017, 203, 740-752.	20.2	297
9	Distinct Cytotoxic Mechanisms of Pristine versus Hydroxylated Fullerene. Toxicological Sciences, 2006, 91, 173-183.	3.1	264
10	Sensing temperature via downshifting emissions of lanthanide-doped metal oxides and salts. A review. Methods and Applications in Fluorescence, 2016, 4, 042001.	2.3	249
11	Fluorescence spectroscopy coupled with PARAFAC and PLS DA for characterization and classification of honey. Food Chemistry, 2015, 175, 284-291.	8.2	234
12	Multifunctional Eu3+- and Er3+/Yb3+-doped GdVO4 nanoparticles synthesized by reverse micelle method. Scientific Reports, 2014, 4, 4209.	3.3	200
13	Luminescence thermometry below room temperature via up-conversion emission of Y2O3:Yb3+,Er3+ nanophosphors. Journal of Applied Physics, 2014, 115, .	2.5	145
14	Y2O3:Yb,Tm and Y2O3:Yb,Ho powders for low-temperature thermometry based on up-conversion fluorescence. Ceramics International, 2013, 39, 1129-1134.	4.8	136
15	Morphology, mechanical and thermal properties of composites of polypropylene and nanostructured wollastonite filler. Polymer Testing, 2009, 28, 348-356.	4.8	132
16	JOES: An application software for Judd-Ofelt analysis from Eu3+ emission spectra. Journal of Luminescence, 2019, 205, 351-356.	3.1	126
17	Temperature sensing with Eu3+ doped TiO2 nanoparticles. Sensors and Actuators B: Chemical, 2014, 201, 46-50.	7.8	123
18	Multisite luminescence of rare earth doped TiO2 anatase nanoparticles. Materials Chemistry and Physics, 2012, 135, 1064-1069.	4.0	117

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19	Pulsed Laser Deposited Dysprosiumâ€Doped Gadoliniumâ€“Vanadate Thin Films for Noncontact, Selfâ€Referencing Luminescence Thermometry. Advanced Materials, 2016, 28, 7745-7752.	21.0	115
20	Highly Sensitive Dual Selfâ€Referencing Temperature Readout from the Mn⁴⁺/Ho³⁺ Binary Luminescence Thermometry Probe. Advanced Optical Materials, 2018, 6, 1800552.	7.3	113
21	The mechanism of cell-damaging reactive oxygen generation by colloidal fullerenes. Biomaterials, 2007, 28, 5437-5448.	11.4	112
22	Neodymium-doped nanoparticles for infrared fluorescence bioimaging: The role of the host. Journal of Applied Physics, 2015, 118, .	2.5	102
23	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.	8.0	94
24	Making Nd3+ a Sensitive Luminescent Thermometer for Physiological Temperaturesâ€”An Account of Pitfalls in Boltzmann Thermometry. Nanomaterials, 2020, 10, 543.	4.1	94
25	Temperature dependence of emission and lifetime in Eu³⁺- and Dy³⁺-doped GdVO₄. Applied Optics, 2013, 52, 1716.	1.8	88
26	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.	3.1	86
27	Optical and structural properties of Zn2SiO4:Mn2+ green phosphor nanoparticles obtained by a polymer-assisted solâ€“gel method. Scripta Materialia, 2008, 58, 655-658.	5.2	85
28	Large Graphene Quantum Dots Alleviate Immune-Mediated Liver Damage. ACS Nano, 2014, 8, 12098-12109.	14.6	82
29	Luminescence thermometry with Zn2SiO4:Mn2+ powder. Applied Physics Letters, 2013, 103, .	3.3	80
30	Deep-Red Emitting Mn4+ Doped Mg2TiO4 Nanoparticles. Journal of Physical Chemistry C, 2015, 119, 724-730.	3.1	78
31	Juddâ€“Ofelt analysis of luminescence emission from Zn2SiO4:Eu3+ nanoparticles obtained by a polymer-assisted solâ€“gel method. Physica B: Condensed Matter, 2011, 406, 2319-2322.	2.7	75
32	Neodymiumâ€Based Stoichiometric Ultrasmall Nanoparticles for Multifunctional Deepâ€Tissue Photothermal Therapy. Advanced Optical Materials, 2016, 4, 782-789.	7.3	73
33	Non-contact thermometry with Dy3+ doped Gd2Ti2O7 nano-powders. Journal of Luminescence, 2016, 170, 395-400.	3.1	73
34	Photoacoustic investigation of transport in semiconductors: Theoretical and experimental study of a Ge single crystal. Physical Review B, 1995, 51, 14226-14232.	3.2	70
35	Hydrothermal synthesis and nanostructure of carbonated calcium hydroxyapatite. Journal of Materials Science: Materials in Medicine, 2006, 17, 539-546.	3.6	68
36	Preparation of Y2O3:Eu3+ nanopowders via polymer complex solution method and luminescence properties of the sintered ceramics. Ceramics International, 2011, 37, 525-531.	4.8	67

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37	Inactivation of nanocrystalline C60 cytotoxicity by Î³-irradiation. Biomaterials, 2006, 27, 5049-5058.	11.4	64
38	Eu³⁺-Activated Sr₃ZnTa₂O₉ single-component white light phosphors: emission intensity enhancement and color rendering improvement. Journal of Materials Chemistry C, 2019, 7, 2596-2603.	5.5	63
39	Self-referenced luminescence thermometry with Sm³⁺ doped TiO₂ nanoparticles. Nanotechnology, 2014, 25, 485501.	2.6	62
40	Temperature quenching of luminescence emission in Eu3+- and Sm3+-doped YNbO4 powders. Journal of Luminescence, 2014, 151, 82-87.	3.1	61
41	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.	7.8	61
42	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.	3.1	60
43	Temperature sensing from the emission rise times of Eu³⁺ in SrY₂O₄. Physical Chemistry Chemical Physics, 2014, 16, 25636-25641.	2.8	59
44	Luminescence thermometry with Eu3+ doped GdAlO3. Journal of Luminescence, 2016, 170, 467-471.	3.1	59
45	An extension of the Judd-Ofelt theory to the field of lanthanide thermometry. Journal of Luminescence, 2019, 216, 116749.	3.1	59
46	Multicolor upconversion luminescence of GdVO4:Ln3+/Yb3+ (Ln3+Â=ÂHo3+, Er3+, Tm3+, Ho3+/Er3+/Tm3+) nanorods. Dyes and Pigments, 2016, 126, 1-7.	3.7	58
47	YAG:Ce3+ nanostructured particles obtained via spray pyrolysis of polymeric precursor solution. Journal of the European Ceramic Society, 2010, 30, 577-582.	5.7	57
48	MgTiO₃:Mn⁴⁺ a multi-reading temperature nanoprobe. RSC Advances, 2018, 8, 18341-18346.	3.6	56
49	Ratiometric luminescence thermometry with different combinations of emissions from Eu3+ doped Gd2Ti2O7 nanoparticles. Journal of Luminescence, 2016, 169, 534-538.	3.1	55
50	Luminescence temperature sensing in visible and NIR spectral range using Dy3+ and Nd3+ doped YNbO4. Sensors and Actuators A: Physical, 2018, 270, 89-96.	4.1	52
51	Determination of the Botanical Origin of Honey by Front-Face Synchronous Fluorescence Spectroscopy. Applied Spectroscopy, 2014, 68, 557-563.	2.2	49
52	Particle size effects on the structure and emission of Eu3+:LaPO4 and EuPO4 phosphors. Journal of Luminescence, 2018, 195, 420-429.	3.1	48
53	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.	5.6	46
54	Photoacoustic frequency heatâ€transmission technique: Thermal and carrier transport parameters measurements in silicon. Journal of Applied Physics, 1995, 78, 5750-5755.	2.5	44

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55	Effect of resin and photoinitiator on color, translucency and color stability of conventional and low-shrinkage model composites. Dental Materials, 2016, 32, 183-191.	3.5	44
56	Comparison of Three Ratiometric Temperature Readings from the Er3+ Upconversion Emission. Nanomaterials, 2020, 10, 627.	4.1	44
57	Eu3+ doped YNbO4 phosphor properties for fluorescence thermometry. Radiation Measurements, 2013, 56, 143-146.	1.4	43
58	Low-cost, portable photoacoustic setup for solid samples. Measurement Science and Technology, 2009, 20, 095902.	2.6	42
59	Visible light absorption of surface modified TiO2 powders with bidentate benzene derivatives. Microporous and Mesoporous Materials, 2015, 217, 184-189.	4.4	42
60	Luminescence Intensity Ratio thermometry and Judd-Ofelt analysis of TiO2:Eu3+. Optical Materials, 2018, 85, 261-266.	3.6	42
61	Li₂TiO₃:Mn⁴⁺ Deepâ€Red Phosphor for the Lifetimeâ€Based Luminescence Thermometry. ChemistrySelect, 2019, 4, 7067-7075.	1.5	41
62	Fluorescence Quenching of 5,5â€²-Disulfopropyl-3,3â€²-dichlorothiacyanine Dye Adsorbed on Gold Nanoparticles. Journal of Physical Chemistry C, 2013, 117, 6567-6577.	3.1	38
63	Effects of Ho3+ and Yb3+ doping concentrations and Li+ co-doping on the luminescence of GdVO4 powders. Optical Materials, 2015, 45, 76-81.	3.6	37
64	Characterization of cereal flours by fluorescence spectroscopy coupled with PARAFAC. Food Chemistry, 2017, 229, 165-171.	8.2	37
65	Color-tunable up-conversion emission in Y2O3:Yb3+, Er3+ nanoparticles prepared by polymer complex solution method. Nanoscale Research Letters, 2013, 8, 131.	5.7	36
66	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
67	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
68	Enhancing photoluminescence of graphene quantum dots by thermal annealing of the graphite precursor. Materials Research Bulletin, 2017, 93, 183-193.	5.2	36
69	Judd-Ofelt parametrization from emission spectra: The case study of the Eu3+ 5D1 emitting level. Chemical Physics, 2020, 528, 110513.	1.9	36
70	Singleâ€Crystal Red Phosphors: Enhanced Optical Efficiency and Improved Chemical Stability for wLEDs. Advanced Optical Materials, 2020, 8, 1901512.	7.3	36
71	Kinetics of J-Aggregate Formation on the Surface of Au Nanoparticle Colloids. Journal of Physical Chemistry C, 2012, 116, 4655-4661.	3.1	35
72	Synthesis and luminescent properties of rare earth (Sm3+ and Eu3+) Doped Gd2Ti2O7 pyrochlore nanopowders. Optical Materials, 2014, 37, 598-606.	3.6	35

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73	Luminescence and structural properties of Gd2SiO5:Eu3+ nanophosphors synthesized from the hydrothermal obtained silica sol. Journal of Alloys and Compounds, 2006, 424, 213-217.	5.5	34
74	Polymer complex solution synthesis of (YxGd1â^'x)2O3:Eu3+ nanopowders. Optical Materials, 2008, 30, 1023-1027.	3.6	34
75	The protection of cells from nitric oxide-mediated apoptotic death by mechanochemically synthesized fullerene (C60) nanoparticles. Biomaterials, 2009, 30, 2319-2328.	11.4	34
76	Annealing effects on the microstructure and photoluminescence of Eu3+-doped GdVO4 powders. Optical Materials, 2013, 35, 1797-1804.	3.6	34
77	Luminescence Intensity Ratio Thermometry with Er3+: Performance Overview. Crystals, 2021, 11, 189.	2.2	34
78	Characterization of rare-earth doped Lu2O3 nanopowders prepared with polymer complex solution synthesis. Journal of Alloys and Compounds, 2010, 505, 224-228.	5.5	33
79	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.	3.5	33
80	Viscoelastic behavior of semicrystalline polymers at elevated temperatures on the basis of a two-process model for stress relaxation. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 3239-3246.	2.1	31
81	Oxidative stress-mediated hemolytic activity of solvent exchange-prepared fullerene (C₆₀) nanoparticles. Nanotechnology, 2010, 21, 375102.	2.6	31
82	Classification of Intact Cereal Flours by Front-Face Synchronous Fluorescence Spectroscopy. Food Analytical Methods, 2012, 5, 1205-1213.	2.6	31
83	Antibacterial potential of electrochemically exfoliated graphene sheets. Journal of Colloid and Interface Science, 2017, 500, 30-43.	9.4	31
84	Time-integrated luminescence thermometry of Eu3+ and Dy3+ doped YVO4. Sensors and Actuators A: Physical, 2019, 295, 450-455.	4.1	31
85	A novel method for the functionalization of Î³-irradiated single wall carbon nanotubes with DNA. Nanotechnology, 2009, 20, 445602.	2.6	30
86	Comparison of structural properties of pristine and gamma irradiated single-wall carbon nanotubes: Effects of medium and irradiation dose. Materials Characterization, 2012, 72, 37-45.	4.4	30
87	Judd–Ofelt Analysis of Eu³⁺ Emission in TiO₂ Anatase Nanoparticles. Materials Transactions, 2015, 56, 1416-1418.	1.2	30
88	A comparative study of photocatalytically active nanocrystalline tetragonal zyrcon-type and monoclinic scheelite-type bismuth vanadate. Ceramics International, 2018, 44, 17953-17961.	4.8	30
89	Judd-Ofelt modelling of the dual-excited single band ratiometric luminescence thermometry. Journal of Luminescence, 2020, 225, 117369.	3.1	30
90	<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.	2.1	29

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91	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.	7.3	28
92	Improved coloristic properties and high NIR reflectance of environment-friendly yellow pigments based on bismuth vanadate. Ceramics International, 2018, 44, 22731-22737.	4.8	28
93	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.	3.7	27
94	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.	5.5	27
95	Preparation of highly conductive carbon cryogel based on pristine graphene. Synthetic Metals, 2012, 162, 743-747.	3.9	26
96	Mechanism and Kinetics of J-Aggregation of Thiacyanine Dye in the Presence of Silver Nanoparticles. Journal of Physical Chemistry C, 2014, 118, 23393-23401.	3.1	26
97	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.	4.2	26
98	Photoluminescent properties of nanostructured Y2O3:Eu3+ powders obtained through aerosol synthesis. Optical Materials, 2010, 32, 1606-1611.	3.6	25
99	Thermographic properties of Eu3+ and Sm3+ doped Lu2O3 nanophosphor. Journal of the Serbian Chemical Society, 2012, 77, 1735-1746.	0.8	25
100	Efficient Luminescence Enhancement of Mg₂TiO₄:Mn⁴⁺ Red Phosphor by Incorporating Plasmonic Ag@SiO₂ Nanoparticles. ACS Applied Materials & Interfaces, 2019, 11, 21004-21009.	8.0	25
101	Thermodynamics of gas phase carbothermic reduction of boron-anhydride. Journal of Alloys and Compounds, 2006, 413, 198-205.	5.5	24
102	Hydrothermal synthesis of nanostructured Y2O3 and (Y0.75Gd0.25)2O3 based phosphors. Optical Materials, 2013, 35, 1817-1823.	3.6	24
103	Supersensitive Sm²⁺â€Activated Al₂O₃ Thermometric Coatings for Highâ€Resolution Multiple Temperature Readâ€Outs from Luminescence. Advanced Materials Technologies, 2021, 6, 2001201.	5.8	24
104	Influence of orientation and irradiation on stress relaxation of linear low-density polyethylene (LLDPE): a two-process model. Polymer, 1999, 40, 2631-2637.	3.8	23
105	Conduction of heat in inhomogeneous solids. Applied Physics Letters, 1998, 73, 321-323.	3.3	22
106	Structural, spectroscopic and crystal field analyses of Ni2+ andÂCo2+ doped Zn2SiO4 powders. Applied Physics A: Materials Science and Processing, 2011, 104, 483-492.	2.3	22
107	Multiparametric luminescence thermometry from Dy3+, Cr3+ double activated YAG. Journal of Luminescence, 2021, 238, 118306.	3.1	22
108	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.	4.3	22

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109	Photoacoustic investigation of thermal and transport properties of amorphous GeSe thin films. Journal of Applied Physics, 1994, 76, 4012-4021.	2.5	21
110	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
111	Judd-Ofelt and chromaticity analysis of hafnia doped with trivalent europium as a potential white LED phosphor. Optical Materials, 2019, 88, 392-395.	3.6	21
112	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.	12.7	21
113	Three-dimensional Total Synchronous Luminescence Spectroscopy Criteria for Discrimination Between Normal and Malignant Breast Tissues. Photochemistry and Photobiology, 2005, 81, 1554.	2.5	20
114	Application of Supervised Self-Organizing Maps in Breast Cancer Diagnosis by Total Synchronous Fluorescence Spectroscopy. Applied Spectroscopy, 2011, 65, 293-297.	2.2	20
115	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.	4.2	20
116	Temperature luminescence properties of Eu³⁺-doped Gd₂O₃phosphors. Physica Scripta, 2013, T157, 014056.	2.5	20
117	Multicolor-tunable emissions of YOF: Ln3+/Yb3+ (Ln3+ = Ho3+, Er3+, Tm3+) nanophosphors. Dyes and Pigments, 2018, 155, 233-240.	3.7	20
118	Custom-built thermometry apparatus and luminescence intensity ratio thermometry of ZrO₂:Eu³⁺ and Nb₂O₅:Eu³⁺. Measurement Science and Technology, 2019, 30, 045001.	2.6	20
119	Detection of Adulterated Honey by Fluorescence Excitation-Emission Matrices. Journal of Spectroscopy, 2018, 2018, 1-6.	1.3	19
120	Surface chemical modification of fullerene by mechanochemical treatment. Applied Surface Science, 2009, 255, 7537-7541.	6.1	18
121	Thermographic properties of Sm³⁺-doped GdVO₄phosphor. Physica Scripta, 2012, T149, 014063.	2.5	18
122	Enhanced photoredox chemistry in surface-modified Mg₂TiO₄ nano-powders with bidentate benzene derivatives. RSC Advances, 2016, 6, 94780-94786.	3.6	18
123	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
124	Lanthanide and Transition Metal Ion Doped Materials for Luminescence Temperature Sensing. , 2018, , 113-157.		18
125	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.	4.1	18
126	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.	3.4	17

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127	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.	5.5	17
128	Atomic force microscopy study of fullerene-based colloids. Applied Surface Science, 2008, 255, 3283-3288.	6.1	16
129	Synthesis of Y2SiO5:Eu3+ nanoparticles from a hydrothermally prepared silica sol. Journal of Alloys and Compounds, 2008, 464, 357-360.	5.5	16
130	Polymer-assisted solâ€“gel synthesis and characterization of Zn2SiO4:Eu3+ powders. Journal of Alloys and Compounds, 2009, 480, 494-498.	5.5	16
131	Adsorption and fluorescence quenching of 5,5â€²-disulfopropyl-3,3â€²-dichlorothiacyanine dye on gold nanoparticles. New Journal of Chemistry, 2013, 37, 743.	2.8	16
132	Structural, morphological and up-converting luminescence characteristics of nanocrystalline Y2O3:Yb/Er powders obtained via spray pyrolysis. Ceramics International, 2014, 40, 3089-3095.	4.8	16
133	Yb3+, Er3+ doped Y2O3 nanoparticles of different shapes prepared by self-propagating room temperature reaction method. Ceramics International, 2014, 40, 16033-16039.	4.8	16
134	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.	2.8	16
135	Luminescence properties of SiO2:Eu3+ nanopowders: Multi-step nano-designing. Journal of Alloys and Compounds, 2008, 453, 253-260.	5.5	15
136	Preparation, structural and spectroscopic studies of (YxLu1â^'x)2O3:Eu3+ nanopowders. Optical Materials, 2010, 32, 1612-1617.	3.6	15
137	PMMA-Y2O3 (Eu3+) nanocomposites: Optical and mechanical properties. Journal of the Serbian Chemical Society, 2011, 76, 1153-1161.	0.8	15
138	Up-conversion luminescence in Ho3+ and Tm3+ co-doped Y2O3:Yb3+ fine powders obtained through aerosol decomposition. Optical Materials, 2012, 35, 38-44.	3.6	15
139	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.	5.5	15
140	High pressure optical studies of LMA:Mn2+, Nd3+ and LMA:Mn2+. Optical Materials, 2008, 30, 1070-1073.	3.6	14
141	High-pressure optical studies of Y₂O₃:Eu³⁺nanoparticles. Radiation Effects and Defects in Solids, 2008, 163, 925-931.	1.2	14
142	Raman study of single wall carbon nanotube thin films treated by laser irradiation and dynamic and isothermal oxidation. Journal of Raman Spectroscopy, 2012, 43, 1413-1422.	2.5	14
143	Support Vector Machine on Fluorescence Landscapes for Breast Cancer Diagnostics. Journal of Fluorescence, 2012, 22, 1281-1289.	2.5	14
144	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.	4.8	14

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145	The Parallel Factor Analysis of Beer Fluorescence. Journal of Fluorescence, 2019, 29, 1103-1111.	2.5	14
146	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.	5.5	14
147	Formation and behaviour of low-temperature melting peak of quenched and annealed isotactic polypropylene. Polymer International, 2002, 51, 111-116.	3.1	13
148	Synthesis of amorphous boron carbide by single and multiple charged boron ions bombardment of fullerene thin films. Applied Surface Science, 2007, 253, 4029-4035.	6.1	13
149	Thermographic properties of a Eu³⁺-doped (Y_{0.75}Gd_{0.25})₂O₃nanophosphor under UV and x-ray excitation. Physica Scripta, 2013, 87, 055703.	2.5	12
150	Europium-doped nanocrystalline Y2O3âˆ’La2O3 solid solutions with bixbyite structure. Journal of Physics and Chemistry of Solids, 2014, 75, 1152-1159.	4.0	12
151	Detection of Cu2+ ions in aqueous solution via emission quenching of colloidal EuPO4 ultrasmall nanoparticles. Optical Materials, 2019, 89, 142-148.	3.6	12
152	Approximate prediction of the CIE coordinates of lanthanide-doped materials from the Judd-Ofelt intensity parameters. Journal of Luminescence, 2019, 213, 395-400.	3.1	12
153	Y3Al5O12:Re3+ (Re=Ce, Eu, and Sm) nanocrystalline powders prepared by modified glycine combustion method. Science of Sintering, 2014, 46, 75-82.	1.4	12
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