Hai-feng Zou

List of Publications by Year
in descending order

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126 papers	2,423 citations	201674 27 h-index	315739 38 g-index
127 all docs	127 docs citations	127 times ranked	2273 citing authors

#	Article	IF	Citations
1	Ultrathin In₂O₃ Nanosheets with Uniform Mesopores for Highly Sensitive Nitric Oxide Detection. ACS Applied Materials & Interfaces, 2017, 9, 16335-16342.	8.0	108
2	Multimorphology Mesoporous Silica Nanoparticles for Dye Adsorption and Multicolor Luminescence Applications. ACS Sustainable Chemistry and Engineering, 2018, 6, 3533-3545.	6.7	74
3	Study on the Local Structure and Luminescence Properties of a Y₂Mg₂Al₂Si₂O₁₂:Eu³⁺ Red Phosphor for White-Light-Emitting Diodes. Inorganic Chemistry, 2020, 59, 9927-9937.	4.0	55
4	Properties and Application of Single Eu²⁺-Activated Color Tuning Phosphors. ACS Sustainable Chemistry and Engineering, 2019, 7, 10724-10733.	6.7	51
5	Photoluminescence and Photocatalysis Properties of Dual-Functional Eu³⁺-Doped Anatase Nanocrystals. Journal of Physical Chemistry C, 2017, 121, 2369-2379.	3.1	49
6	Novel highly efficient single-component multi-peak emitting aluminosilicate phosphors co-activated with Ce³⁺, Tb³⁺ and Eu²⁺: luminescence properties, tunable color, and thermal properties. Physical Chemistry Chemical Physics, 2018, 20, 1591-1607.	2.8	49
7	Photocatalytic and Photoluminescence Properties of Coreâ€“Shell SiO₂@TiO₂:Eu³⁺,Sm³⁺ and Its Etching Products. ACS Sustainable Chemistry and Engineering, 2018, 6, 223-236.	6.7	48
8	Adsorption of heavy metal ions from aqueous solutions by zeolite based on oil shale ash: Kinetic and equilibrium studies. Chemical Research in Chinese Universities, 2013, 29, 126-131.	2.6	47
9	Hydrothermal synthesis and luminescent properties of NaLa(MoO4)2:Eu3+,Tb3+ phosphors. Journal of Alloys and Compounds, 2013, 550, 1-8.	5.5	46
10	Electrospinning synthesis of SiO2-TiO2 hybrid nanofibers with large surface area and excellent photocatalytic activity. Applied Surface Science, 2019, 488, 284-292.	6.1	46
11	Li⁺ Ion Induced Full Visible Emission in Single Eu²⁺â€Doped White Emitting Phosphor: Eu²⁺ Site Preference Analysis, Luminescence Properties, and WLED Applications. Advanced Optical Materials, 2021, 9, 2100337.	7.3	45
12	Tunable emission, thermal stability and energy-transfer properties of SrAl 2 Si 2 O 8 : Ce 3+ /Tb 3+ phosphors for w-LEDs. Journal of Alloys and Compounds, 2017, 714, 627-635.	5.5	43
13	BaGdF₅:Dy³⁺,Tb³⁺,Eu³⁺ multifunctional nanospheres: paramagnetic, luminescence, energy transfer, and tunable color. Physical Chemistry Chemical Physics, 2016, 18, 13861-13873.	2.8	39
14	Energy transfer and tunable multicolor emission and paramagnetic properties of GdF₃:Dy³⁺,Tb³⁺,Eu³⁺ phosphors. Physical Chemistry Chemical Physics, 2016, 18, 19807-19819.	2.8	39
15	Multifunctional Ca9NaZn1-Mg (PO4)7:Eu2+ phosphor for full-spectrum lighting, optical thermometry and pressure sensor applications. Chemical Engineering Journal, 2022, 431, 133805.	12.7	36
16	Effect of Eu3+ doping on the structural and photoluminescence properties of cubic CaCO3. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 203, 52-58.	3.5	35
17	Ultra-wideband phosphor Mg2Gd8(SiO4)6O2:Ce3+,Mn2+: Energy transfer and pressure-driven color tuning for potential applications in LEDs and pressure sensors. Chemical Engineering Journal, 2022, 427, 131897.	12.7	35
18	Luminescence properties and Juddâ€“Ofelt analysis of TiO2:Eu3+ nanofibers via polymer-based electrospinning method. RSC Advances, 2016, 6, 52113-52121.	3.6	33

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19	Luminescence and Energy Transfer of Color-Tunable Y₂Mg₂Al₂Si₂O₁₂:Eu²⁺,Ce³⁺ Phosphors. Inorganic Chemistry, 2021, 60, 5908-5916.	4.6	33
20	Color-tunable Eu²⁺,Eu³⁺ co-doped Ca₂₀Al₂₆Mg₃Si₃O₆₈ phosphor for w-LEDs. Journal of Materials Chemistry C, 2019, 7, 6978-6985.	5.5	32
21	Ca(Mg_{0.8}Al_{0.2})(Si_{1.8}Al_{0.2})O₆:Ce³⁺,Tb³⁺ Phosphors: Structure Control, Density-Functional Theory Calculation, and Luminescence Property for pc-wLED Application. Inorganic Chemistry, 2020, 59, 4790-4799.	4.0	31
22	Ca₂₀Al₂₆Mg₃Si₃O₆₈:Ce³⁺,Tb³⁺ Phosphors: Preferential Site Occupation, Color-Tunable Luminescence and Device Application. ACS Sustainable Chemistry and Engineering, 2019, 7, 3154-3163.	6.7	30
23	Gd2O2S:Eu3+ and Gd2O2S:Eu3+/Gd2O2S hollow microspheres: Solvothermal preparation and luminescence properties. Journal of Alloys and Compounds, 2012, 532, 34-40.	5.5	29
24	Luminescence properties, energy transfer and multisite luminescence of Bi³⁺/Sm³⁺/Eu³⁺-coactivated Ca₂₀Al₂₆Mg₃Si₃O₆₈ as a potential phosphor for white-light LEDs. RSC Advances, 2016, 6, 89984-89993.	3.6	29
25	Luminescent properties and energy transfer of Gd3+/Eu3+ co-doped cubic CaCO3. Journal of Luminescence, 2016, 178, 307-313.	3.1	29
26	Facile synthesis of cubic and spindle-shaped CaCO3 particles and their applications as red phosphor doped with Eu3+. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 447, 166-171.	4.7	28
27	Single-component and white light-emitting phosphor BaAl 2 Si 2 O 8 : Dy 3+ , Eu 3+ synthesis, luminescence, energy transfer, and tunable color. Optical Materials, 2016, 60, 196-203.	3.6	28
28	Luminescence properties and Juddâ€“Ofelt analysis of SiO 2 :Ln 3+ (Eu, Tb) hollow nanofibers fabricated by co-axial electrospinning method. Journal of Alloys and Compounds, 2017, 716, 144-155.	5.5	28
29	Growth of uniform g-C3N4 shells on 1D TiO2 nanofibers via vapor deposition approach with enhanced visible light photocatalytic activity. Journal of Alloys and Compounds, 2020, 826, 154001.	5.5	28
30	Molecular dynamics simulation of water diffusion inside an amorphous polyacrylate latex film. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 884-891.	2.1	27
31	3D-hierachical spherical LuVO 4 :Tm 3+ ,Dy 3+ ,Eu 3+ microcrystal: Synthesis, energy transfer, and tunable color. Chemical Engineering Journal, 2016, 306, 155-163.	12.7	27
32	Lu₂O₂S:Tb³⁺, Eu³⁺nanorods: luminescence, energy transfer, and multicolour tuneable emission. CrystEngComm, 2016, 18, 7620-7628.	2.6	27
33	The photoluminescence, thermal properties and tunable color of Na_{1â^'x}Al_{1+2x}Si_{1â^'2x}O₄:xCe³⁺/Tb³⁺/Dy³⁺ energy transfer: a single-component multicolor-emitting phosphor. Physical Chemistry Chemical Physics, 2017, 19, 22197-22209.	2.8	27
34	White light-emitting, tunable color luminescence, energy transfer and paramagnetic properties of terbium and samarium doped BaGdF₅ multifunctional nanomaterials. RSC Advances, 2016, 6, 73160-73169.	3.6	26
35	Preparation of CaAl 2 O 4 :Eu 2+ , Nd 3+ and SrAl 2 O 4 :Eu 2+ , Dy 3+ long afterglow luminescent materials using oil shale ash. Optical Materials, 2017, 67, 84-90.	3.6	26
36	YF₃:RE³⁺ (RE = Dy, Tb, Eu) Sub-microstructures: Controllable Morphology, Tunable Multicolor, and Thermal Properties. Journal of Physical Chemistry C, 2017, 121, 23080-23095.	3.1	26

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37	Uniform hollow TiO2:Sm3+ spheres: Solvothermal synthesis and luminescence properties. Powder Technology, 2013, 239, 403-408.	4.2	25
38	Multisite luminescence and photocatalytic properties of TiO2:Sm3+ and TiO2:Sm3+@TiO2/TiO2:Sm3+@SiO2 luminescent enhancement materials. Journal of Alloys and Compounds, 2017, 725, 724-738.	5.5	25
39	Energy transfer and luminescence properties of Dy3+/Eu3+ doped silicoaluminate phosphors. Optical Materials, 2019, 89, 512-520.	3.6	24
40	Photoluminescence and Color-Tunable Properties of Na₄Ca₄Mg₂₁(PO₄)₁₈:Eu²⁺,Tb³⁺,Mn<sup> Phosphors for Applications in White LEDs. Inorganic Chemistry, 2020, 59, 14193-14206.	4.8	24
41	The photoluminescence, thermal properties and tunable color of bright green-emitting Ba3Sc(BO3)3:Ce3+/Tb3+ phosphors via efficient energy transfer. Journal of Alloys and Compounds, 2021, 859, 157766.	5.5	24
42	Controlled synthesis of calcite/vaterite/aragonite and their applications as red phosphors doped with Eu³⁺ ions. CrystEngComm, 2017, 19, 2758-2767.	2.6	23
43	Columnar Gd₂O₃:Eu³⁺/Tb³⁺ phosphors: preparation, luminescence properties and growth mechanism. CrystEngComm, 2018, 20, 7322-7328.	2.6	23
44	Thermo-sensitive electroactive hydrogel combined with electrical stimulation for repair of spinal cord injury. Journal of Nanobiotechnology, 2021, 19, 286.	9.1	23
45	Hydrothermal assisted solâ€“gel synthesis and multisite luminescent properties of anatase TiO₂:Eu³⁺ nanorods. RSC Advances, 2015, 5, 59314-59319.	3.6	21
46	In Vivo MRI and Xâ€Ray Bifunctional Imaging of Polymeric Composite Supplemented with GdPO₄·H₂O Nanobundles for Tracing Bone Implant and Bone Regeneration. Advanced Healthcare Materials, 2016, 5, 2182-2190.	7.6	21
47	Luminescence properties and energy transfer of Ca2Mg0.5AlSi1.5O7:Ce3+, Eu2+ phosphors for UV-excited white LEDs. Powder Technology, 2014, 253, 803-808.	4.2	20
48	Synthesis and luminescent properties of monodisperse coreâ€“shell structured SiO2@Lu2O3:Eu3+ microspheres. Powder Technology, 2014, 258, 174-179.	4.2	20
49	Tunable color and energy transfer in single-phase white-emitting Ca20Al26Mg3Si3O68:Ce3+,Dy3+ phosphors for UV white light-emitting diodes. Journal of Solid State Chemistry, 2015, 232, 169-177.	2.9	20
50	Magnetic-downconversion luminescent bifunctional BaGdF₅:Dy³⁺,Eu³⁺ nanospheres: energy transfer, multicolor luminescence and paramagnetic properties. RSC Advances, 2016, 6, 53444-53453.	3.6	20
51	3D Hierarchical Architectures of Sodium Lanthanide Sulfates: Hydrothermal Synthesis, Formation Mechanisms, and Luminescence Properties. Journal of Physical Chemistry C, 2011, 115, 19463-19469.	3.1	19
52	Luminescent properties and energy transfer of Gd3+/Eu3+ co-doped high uniform meso-silica nanorods. Journal of Luminescence, 2015, 158, 456-463.	3.1	19
53	EDTA-assisted fabrication of TiO2 coreâ€“shell microspheres with improved photocatalytic performance. Ceramics International, 2015, 41, 247-252.	4.8	19
54	Crystal structure, luminescence properties and application performance of color tuning Y₂Mg₂Al₂Si₂O₁₂:Ce³⁺,Mn²⁺ phosphors for warm white light-emitting diodes. Materials Advances, 2020, 1, 2261-2270.	5.4	19

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55	Controlled synthesis and morphology dependent luminescence of Lu₂O₂S:Eu³⁺ phosphors. RSC Advances, 2016, 6, 7846-7853.	3.6	18
56	Synthesis and luminescence properties of monodisperse SiO2@SiO2:Eu3+ microspheres. Optical Materials, 2014, 37, 583-588.	3.6	17
57	Understanding the remarkable luminescence enhancement via SiO₂ coating on TiO₂:Eu³⁺ nanofibers. Physical Chemistry Chemical Physics, 2017, 19, 17063-17074.	2.8	17
58	Controlling the Morphology and Size of GdF₃:RE³⁺ (RE = Dy, Tb, and Sm) by pH Value: Growth Mechanism, Energy Transfer, and Luminescent Properties. Journal of Physical Chemistry C, 2017, 121, 6884-6897.	3.1	17
59	Juddâ€“Ofelt analysis, photoluminescence and photocatalytic properties of core-shell SiO2@TiO2:Eu3+ nanospheres with different diameters. Journal of Physics and Chemistry of Solids, 2018, 123, 162-171.	4.0	17
60	Synthesis and luminescence properties of Eu(III)-doped silica nanorods based on the solâ€“gel process. Journal of Sol-Gel Science and Technology, 2014, 69, 536-543.	2.4	16
61	Facile synthesis and color-tunable properties of BaLuF5:Ce,Tb,Eu(Sm) submicrospheres via a facile ionic liquid/EG two-phase system. Journal of Colloid and Interface Science, 2017, 487, 281-288.	9.4	15
62	Dendrimer-based preparation and luminescence studies of SiO₂ fibers doping Eu³⁺ activator in interstitial sites. RSC Advances, 2016, 6, 16452-16460.	3.6	14
63	Morphology control and tunable color of LuVO4:Ln3+ (Ln = Tm, Er, Sm, Eu) nano/micro-structures. New Journal of Chemistry, 2017, 41, 709-716.	2.8	14
64	Electrospinning fabrication and luminescence properties of Lu₂O₂S:Eu³⁺fibers. CrystEngComm, 2017, 19, 699-707.	2.6	14
65	Facile surfactant- and template-free synthesis and luminescence properties of needle-like calcite CaCO₃:Eu³⁺ phosphors. CrystEngComm, 2018, 20, 496-504.	2.6	14
66	The sensitized luminescence and tunable color of single-component Sr2MgSi2O7:Bi3+/Sm3+/Tb3+ phosphor via energy transfer for white-light emitting diodes. Physica B: Condensed Matter, 2018, 550, 75-89.	2.7	14
67	Solvothermal synthesis of columnar Gd₂O₂S:Eu³⁺ and a comparative study with columnar Gd₂O₃:Eu³⁺. Journal of the American Ceramic Society, 2020, 103, 356-366.	3.8	14
68	Comparative study on the morphology, growth mechanism and luminescence property of RE2O2S:Eu3+ (REâ€‰=â€‰Lu, Gd, Y) phosphors. Journal of Alloys and Compounds, 2021, 870, 159273.	5.5	14
69	Phase conversion and spectral properties of long lasting phosphor Zn3 (PO4)2:Mn2+, Ga3+. Journal of Materials Science, 2007, 42, 4899-4904.	3.7	13
70	Fabrication and photoluminescence properties of TiO₂:Eu³⁺ microspheres with tunable structure from solid to coreâ€“shell. CrystEngComm, 2014, 16, 9216-9223.	2.6	13
71	Luminescent properties of Ca2Mg0.75Al0.5Si1.75O7:Ln (Ln = Ce3+, Dy3+, Eu3+, Sm3+) and their application for UV white light-emitting diodes. Journal of Alloys and Compounds, 2015, 644, 82-90.	5.5	13
72	Tunable luminescence and energy transfer of Tb3+/Eu3+ co-doped cubic CaCO3 nanoparticles. Journal of Luminescence, 2018, 203, 441-446.	3.1	13

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73	Tunable multicolor emission and energy transfer of cylindrical Gd2O3:Dy3+, Tb3+, Eu3+ particles. Ceramics International, 2020, 46, 25249-25259.	4.8	13
74	One-pot synthesis of hydrophobic and enhanced red-emitting CaCO3:Eu3+ phosphors. Journal of Materials Chemistry C, 2015, 3, 5316-5321.	5.5	12
75	Zn 2 SiO 4 :Eu 3+ micro-structures: Controlled morphologies and luminescence properties. Journal of Luminescence, 2017, 187, 564-572.	3.1	12
76	Size controllable synthesis and multicolor fluorescence of SiO 2 :Ln 3+ (Ln=Eu, Tb) spherical nanoparticles. Ceramics International, 2017, 43, 4440-4449.	4.8	12
77	Controlled synthesis and luminescence properties of GdF₃with different crystalline phases and morphologies. CrystEngComm, 2017, 19, 1517-1527.	2.6	11
78	SiO₂@TiO₂:Eu³⁺ and Its Derivatives: Design, Synthesis, and Properties. Crystal Growth and Design, 2017, 17, 6486-6497.	3.0	11
79	New singleâ€component multicolor emission Na_{1â^'x}Al_{1+2x}Si_{1â^'2x}O4:xBi³⁺/Eu³⁺ phosphors via energy transfer. Journal of the American Ceramic Society, 2018, 101, 2353-2367.	3.8	11
80	A single-phase full-visible-spectrum phosphor for white light-emitting diodes with ultra-high color rendering. Dalton Transactions, 2020, 49, 17796-17805.	3.3	11
81	Facile synthesis of CaO:Eu3+ and comparative study on the luminescence properties of CaO:Eu3+ and CaCO3:Eu3+. Journal of Luminescence, 2022, 241, 118491.	3.1	11
82	Hydrothermal Fabrication and Luminescence Properties of One-Dimensional TiO2:Eu3+Spindlelike Nanorods. European Journal of Inorganic Chemistry, 2014, 2014, 3305-3311.	2.0	10
83	Spherical Lu 2 O 2 S:Eu 3+ micro/nano-structure: Controlled synthesis and luminescence properties. Optical Materials, 2017, 64, 88-94.	3.6	10
84	BaCaLu₂F₁₀:Ln³⁺ (Ln = Eu, Dy, Tb, Sm, Yb/Er, Yb/Ho) spheres: ionic liquid-based synthesis and luminescence properties. CrystEngComm, 2018, 20, 6173-6182.	2.6	10
85	Preparation, characterization and photoluminescence properties of TiO2:Eu3+ nanorods and nanobelts. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	9
86	Growth, structure and optical properties of tartaric acid-templated silica nanotubes by solâ€“gel method. Journal of Sol-Gel Science and Technology, 2013, 68, 204-212.	2.4	9
87	Preparation, characterization and photoluminescence properties of SiO2 and SiO2:Eu3+ submicron rods. Ceramics International, 2015, 41, 8552-8561.	4.8	9
88	Facile synthesis and multicolor luminescence properties of Gd4O3F6:Ln3+ (Ln = Eu, Tb, Dy, Sm, Ho, Tm,) Tj ETQq0 0 0 rgBT /Overlock 10	3.6	9
89	In-situ Synthesis and Characterization of Poly(vinyl alcohol)/Hydroxyapatite Composite Hydrogel by Freezing-thawing Method. Chemical Research in Chinese Universities, 2019, 35, 521-529.	2.6	9
90	SiO2:Tb3+@Lu2O3:Eu3+ Coreâ€“Shell Phosphors: Interfacial Energy Transfer for Enhanced Multicolor Luminescence. Inorganic Chemistry, 2021, 60, 2542-2552.	4.0	9

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91	Preparation and luminescence properties of Eu3+ incorporated in CaCO3 nanocrystals with multiple sites. Journal of Luminescence, 2021, 239, 118344.	3.1	9
92	Ionic liquid-based hydrothermal synthesis and luminescent properties of CaF2:Ce3+/Mn2+ nanocrystals. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	8
93	Facile synthesis and luminescence properties of europium(III)-doped silica nanotubes. Journal of Sol-Gel Science and Technology, 2014, 71, 313-323.	2.4	8
94	New kinds of hybrid materials containing covalently bonded Tb3+ (Eu3+) complexes organically modified titania and alumina network via solâ€“gel process. Journal of Sol-Gel Science and Technology, 2016, 77, 152-159.	2.4	8
95	Photoluminescence and photodegradation properties of SiO2@TiO2:Sm3+ with different coating effects. Journal of Physics and Chemistry of Solids, 2019, 124, 100-110.	4.0	8
96	Photoluminescence properties and photocatalytic activities of SiO2@TiO2:Sm3+ nanomaterials. Journal of Physics and Chemistry of Solids, 2021, 149, 109775.	4.0	8
97	Ionic liquid-assisted two-phase synthesis of Lu7O6F9:Yb3+, Er3+ phosphors and their morphological control, color-tunable up-conversion luminescence and temperature sensing behavior. Ceramics International, 2021, 47, 21147-21160.	4.8	8
98	The preparation, structure and luminescent properties of Mgâ€“CaCO₃:Eu³⁺ phosphors. CrystEngComm, 2021, 23, 1517-1528.	2.6	8
99	Photoluminescence of TiO2 films co-doped with Tb3+/ Gd3+and energy transfer from TiO2/Gd3+ to Tb3+ ions. Thin Solid Films, 2011, 519, 7966-7970.	1.8	7
100	Application of Oxidized Cornstarch as a Nonphosphoric Detergent Builder. Journal of Surfactants and Detergents, 2012, 15, 393-398.	2.1	7
101	Luminescence and energyâ€transfer properties of colorâ€tunable Ca₂Mg_{0.25}Al_{1.5}Si_{1.25}O₇:Ce³⁺/Eu²⁺/Tb³⁺ phosphors for ultraviolet lightâ€emitting diodes. Luminescence, 2016, 31, 453-461.	2.9	7
102	Control morphology, tunable multicolor and paramagnetic properties of GdF3:RE3+ (REÂ=ÂTm, Dy, Eu) submicro structures. Journal of Alloys and Compounds, 2017, 725, 952-967.	5.5	7
103	Synthesis and characterization of thiourea. Polish Journal of Chemical Technology, 2019, 21, 35-39.	0.5	7
104	Solâ€“gel synthesis of silica composited flower-like microspheres using trivalent europium tartrate as a template. Journal of Sol-Gel Science and Technology, 2018, 85, 470-479.	2.4	6
105	Synthesis and characterization of a flexible fluorescent magnetic Fe 3 O 4 @SiO 2 /CdTe-NH 2 nanoprobe. Journal of Inorganic Biochemistry, 2018, 186, 307-316.	3.5	6
106	Interfacial Energy Transfer in Hollow Double-Shelled TiO2:x%Eu3+@SiO2:y%Tb3+ Nanospheres for Tissue Imaging. ACS Applied Nano Materials, 2019, 2, 7644-7651.	5.0	6
107	Ionic liquid/H₂O two-phase synthesis and luminescence properties of BaGdF₅:RE³⁺ (RE = Ce/Dy/Eu/Yb/Er) octahedra. New Journal of Chemistry, 2021, 45, 742-750.	2.8	6
108	Preparation of CaCO3:Eu3+@SiO2 and its application on adsorption of Tb3+. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 641, 128475.	4.7	6

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109	Pressure-driven Eu2+-doped K3Sc(PO4)2: A broad cyan-green emitting phosphor for closing the cyan cavity in solid-state lighting and applying in optical pressure sensor. Journal of Luminescence, 2022, 245, 118798.	3.1	6
110	The effect of nano-TiO 2 photocatalysis on the antioxidant activities of Cu, Zn-SOD at physiological pH. Journal of Photochemistry and Photobiology B: Biology, 2017, 174, 251-260.	3.8	5
111	Preparation and characterization of universal Fe3O4@SiO2/CdTe nanocomposites for rapid and facile detection and separation of membrane proteins. New Journal of Chemistry, 2018, 42, 4981-4990.	2.8	5
112	Srâ€induced colorâ€tunable and thermal stability enhancing in the phosphor (Ba 1â€x Sr x) 9 Lu 2 Si 6 O 24 :Eu 2+ for solidâ€state lighting. Journal of the American Ceramic Society, 2019, 102, 5284-5294.	3.8	5
113	The synthesis and luminescence properties of Lu2O3:Eu3+ rods and its comparative analysis with Lu2O2S:Eu3+ rods. Optical Materials, 2020, 109, 110355.	3.6	5
114	Controllable synthesis of bifunctional material Ca2Ti2O6:Eu3+ and its comparative study on luminescence and photocatalytic properties with CaTiO3:Eu3+. Ceramics International, 2022, , .	4.8	5
115	Synthesis, structure and multicolor-tunable luminescence of the dandelion-like SiO₂:Ln³⁺ (Ln = Eu, Tb) nanophosphors. New Journal of Chemistry, 2017, 41, 5688-5695.	2.8	4
116	Two strategies to achieve color adjustment of Eu2+-doped garnet Lu2Mg2Al2Si2O12 phosphors. Journal of Luminescence, 2022, 243, 118651.	3.1	4
117	The photoluminescence properties of tri-colour silicoaluminate phosphors prepared from oil shale ash. Optical Materials, 2015, 47, 143-148.	3.6	3
118	Structure and luminescent properties of CaCO3:Eu3+ phosphors prepared in ethylene glycol-water mixed solvent. Optical Materials, 2020, 108, 110446.	3.6	3
119	Luminescence and tunable color properties of uniphase white-emitting Sr3B2SiO8:Tm3+/Dy3+/Eu3+phosphors by energy transfer for UV-excited white LEDs. Optical and Quantum Electronics, 2021, 53, 1.	3.3	3
120	Structural Design for Controlling the Lattice Strain Relaxation Process in TiO₂/SiO₂ Coreâ€“Shell Nanoparticles. ACS Sustainable Chemistry and Engineering, 2021, 9, 16796-16807.	6.7	3
121	Systematic Study on the Luminescent Properties, Thermal Stability, and Magnetic Behavior of GdOF: RE³⁺ (RE = Eu, Yb, and Er) Red Phosphors with Various Morphologies. Inorganic Chemistry, 2022, 61, 10642-10651.	4.0	3
122	Oneâ€Step Facile Synthesis and Luminescence Properties of Eu³⁺â€Doped Silica Nanowires. European Journal of Inorganic Chemistry, 2015, 2015, 5419-5425.	2.0	2
123	Synthesis, Structure, and Optical Properties of SiO2:Eu3+Nanowires. European Journal of Inorganic Chemistry, 2015, 2015, 1871-1876.	2.0	2
124	Sr₂Gd₈(SiO₄)₆O₂:Ce³⁺/Mn²⁺: A Singleâ€Component Whiteâ€Lightâ€Emitting Phosphor for UV Wâ€LEDs. ChemistrySelect, 2019, 4, 3871-3877.	1.5	2
125	Spherical Microstructures of Lu₂O₃:Ln³⁺ (Ln=Tm, Dy, Tb, Eu): Rapid Microwaveâ€Assisted Synthesis, Energy Transfer, and Multicolor Emission. ChemistrySelect, 2017, 2, 5167-5174.	1.5	0
126	SiO 2 @TiO 2 :Sm 3+ with Diverse Phase Structure and Morphology: Photoluminescence and Simulated Solar Lightâ€Activated Photodegradation Properties. ChemistrySelect, 2019, 4, 2832-2845.	1.5	0