Ye Sheng

List of Publications by Year
in descending order

100 papers	1,890 citations	236925 25 h-index	361022 35 g-index
100 all docs	100 docs citations	100 times ranked	1727 citing authors

#	Article	IF	Citations
1	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
2	Two strategies to achieve color adjustment of Eu2+-doped garnet Lu2Mg2Al2Si2O12 phosphors. Journal of Luminescence, 2022, 243, 118651.	3.1	4
3	Adjustable multi-color luminescence and energy transfer of capsule-shaped Gd2O2S: Tb3+, Sm3+ phosphors. Journal of Luminescence, 2022, 244, 118715.	3.1	8
4	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
5	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
6	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
7	SiO2:Tb3+@Lu2O3:Eu3+ Coreâ€“Shell Phosphors: Interfacial Energy Transfer for Enhanced Multicolor Luminescence. Inorganic Chemistry, 2021, 60, 2542-2552.	4.0	9
8	Luminescence and Energy Transfer of Color-Tunable Y₂Mg₂Al₂Si₂O₁₂:Eu²⁺,Ce³⁺ Phosphors. Inorganic Chemistry, 2021, 60, 5908-5916.	4.0	33
9	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
10	Preparation and luminescence properties of Eu3+ incorporated in CaCO3 nanocrystals with multiple sites. Journal of Luminescence, 2021, 239, 118344.	3.1	9
11	The preparation, structure and luminescent properties of Mgâ€“CaCO₃:Eu³⁺ phosphors. CrystEngComm, 2021, 23, 1517-1528.	2.6	8
12	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
13	Preparation of hydrophobic calcium carbonate phosphors and its application in fluorescent films. Journal of Luminescence, 2020, 219, 116844.	3.1	13
14	Tunable multicolor emission and energy transfer of cylindrical Gd2O3:Dy3+, Tb3+, Eu3+ particles. Ceramics International, 2020, 46, 25249-25259.	4.8	13
15	Structure and luminescent properties of CaCO3:Eu3+ phosphors prepared in ethylene glycol-water mixed solvent. Optical Materials, 2020, 108, 110446.	3.6	3
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	A promising single-phase, color-tunable phosphor (Ba0.9Sr0.1)9Lu2Si6O24: Eu2+, Mn2+ for near-ultraviolet white-light-emitting diodes. Journal of Luminescence, 2019, 214, 116585.	3.1	11
21	Facile synthesis and multicolor luminescence properties of Gd4O3F6:Ln3+ (Ln = Eu, Tb, Dy, Sm, Ho, Tm,) Tj ETQq1 1 0.784314 rgBT /Ov	3.6	9
22	Color-tunable Eu²⁺,Eu³⁺ co-doped Ca₂₀Al₂₆Mg₃Si₃O₆₈ phosphor for w-LEDs. Journal of Materials Chemistry C, 2019, 7, 6978-6985.	5.5	32
23	Properties and Application of Single Eu²⁺-Activated Color Tuning Phosphors. ACS Sustainable Chemistry and Engineering, 2019, 7, 10724-10733.	6.7	51
24	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
25	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
26	Energy transfer and luminescence properties of Dy3+/Eu3+ doped silicoaluminate phosphors. Optical Materials, 2019, 89, 512-520.	3.6	24
27	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
28	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
29	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
30	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
31	New singleâ€component multicolor emission Na_{1âˆ’x}Al_{1+2x}Si_{1âˆ’2x}O4:xBi³⁺/Eu³⁺ phosphors via energy transfer. Journal of the American Ceramic Society, 2018, 101, 2353-2367.	3.8	11
32	Multimorphology Mesoporous Silica Nanoparticles for Dye Adsorption and Multicolor Luminescence Applications. ACS Sustainable Chemistry and Engineering, 2018, 6, 3533-3545.	6.7	74
33	Facile surfactant- and template-free synthesis and luminescence properties of needle-like calcite CaCO₃:Eu³⁺ phosphors. CrystEngComm, 2018, 20, 496-504.	2.6	14
34	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
35	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
36	Columnar Gd₂O₃:Eu³⁺/Tb³⁺ phosphors: preparation, luminescence properties and growth mechanism. CrystEngComm, 2018, 20, 7322-7328.	2.6	23

#	Article	IF	Citations
37	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
38	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
39	Tunable luminescence and energy transfer of Tb3+/Eu3+ co-doped cubic CaCO3 nanoparticles. Journal of Luminescence, 2018, 203, 441-446.	3.1	13
40	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
41	Photoluminescence and Photocatalysis Properties of Dual-Functional Eu³⁺-Doped Anatase Nanocrystals. Journal of Physical Chemistry C, 2017, 121, 2369-2379.	3.1	49
42	Controlled synthesis and luminescence properties of GdF₃with different crystalline phases and morphologies. CrystEngComm, 2017, 19, 1517-1527.	2.6	11
43	Zn 2 SiO 4 :Eu 3+ micro-structures: Controlled morphologies and luminescence properties. Journal of Luminescence, 2017, 187, 564-572.	3.1	12
44	Controlled synthesis of calcite/vaterite/aragonite and their applications as red phosphors doped with Eu³⁺ ions. CrystEngComm, 2017, 19, 2758-2767.	2.6	23
45	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
46	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
47	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
48	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
49	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
50	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
51	Electrospinning fabrication and luminescence properties of Lu₂O₂S:Eu³⁺fibers. CrystEngComm, 2017, 19, 699-707.	2.6	14
52	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
53	SiO₂@TiO₂:Eu³⁺ and Its Derivatives: Design, Synthesis, and Properties. Crystal Growth and Design, 2017, 17, 6486-6497.	3.0	11
54	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

#	Article	IF	Citations
55	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
56	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
57	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
58	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
59	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
60	Luminescence properties and Juddâ€“Ofelt analysis of TiO2:Eu3+ nanofibers via polymer-based electrospinning method. RSC Advances, 2016, 6, 52113-52121.	3.6	33
61	BaGdF₅:Dy³⁺,Tb³⁺,Eu³⁺ multifunctional nanospheres: paramagnetic, luminescence, energy transfer, and tunable color. Physical Chemistry Chemical Physics, 2016, 18, 13861-13873.	2.8	39
62	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
63	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
64	Lu₂O₂S:Tb³⁺, Eu³⁺nanorods: luminescence, energy transfer, and multicolour tuneable emission. CrystEngComm, 2016, 18, 7620-7628.	2.6	27
65	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
66	Luminescent properties and energy transfer of Gd3+/Eu3+ co-doped cubic CaCO3. Journal of Luminescence, 2016, 178, 307-313.	3.1	29
67	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
68	Controlled synthesis and morphology dependent luminescence of Lu₂O₂S:Eu³⁺ phosphors. RSC Advances, 2016, 6, 7846-7853.	3.6	18
69	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
70	Dendrimer-based preparation and luminescence studies of SiO₂ fibers doping Eu³⁺ activator in interstitial sites. RSC Advances, 2016, 6, 16452-16460.	3.6	14
71	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
72	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

#	Article	IF	Citations
73	Synthesis, Structure, and Optical Properties of SiO2:Eu3+Nanowires. European Journal of Inorganic Chemistry, 2015, 2015, 1871-1876.	2.0	2
74	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
75	Novel 3D flower-like TiO2:Eu3+ hierarchitectures: Hydrothermal synthesis and luminescent properties. Powder Technology, 2015, 274, 193-198.	4.2	12
76	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
77	Hydrothermal assisted solâ€“gel synthesis and multisite luminescent properties of anatase TiO₂:Eu³⁺ nanorods. RSC Advances, 2015, 5, 59314-59319.	3.6	21
78	One-pot synthesis of hydrophobic and enhanced red-emitting CaCO3:Eu3+ phosphors. Journal of Materials Chemistry C, 2015, 3, 5316-5321.	5.5	12
79	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
80	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
81	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
82	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
83	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
84	Hydrothermal Fabrication and Luminescence Properties of One-Dimensional TiO2:Eu3+Spindlelike Nanorods. European Journal of Inorganic Chemistry, 2014, 2014, 3305-3311.	2.0	10
85	Synthesis and luminescence properties of monodisperse SiO2@SiO2:Eu3+ microspheres. Optical Materials, 2014, 37, 583-588.	3.6	17
86	Fabrication and photoluminescence properties of TiO₂:Eu³⁺ microspheres with tunable structure from solid to coreâ€“shell. CrystEngComm, 2014, 16, 9216-9223.	2.6	13
87	Preparation and luminescence properties of novel 3D Lu2O2S:Eu3+ microstructures. Materials Letters, 2014, 128, 256-258.	2.6	11
88	Synthesis and luminescent properties of monodisperse coreâ€“shell structured SiO2@Lu2O3:Eu3+ microspheres. Powder Technology, 2014, 258, 174-179.	4.2	20
89	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
90	Ionic liquids assisted synthesis and luminescence properties of Ca5(PO4)3Cl:Ce3+,Tb3+ nanostructures. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	11

#	Article	IF	Citations
91	Uniform hollow TiO2:Sm3+ spheres: Solvothermal synthesis and luminescence properties. Powder Technology, 2013, 239, 403-408.	4.2	25
92	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
93	Preparation, characterization and photoluminescence properties of TiO2:Eu3+ nanorods and nanobelts. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	9
94	Application of Oxidized Cornstarch as a Nonphosphoric Detergent Builder. Journal of Surfactants and Detergents, 2012, 15, 393-398.	2.1	7
95	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
96	Synthesis and luminescent properties of TiO2:Eu3+ nanotubes. Powder Technology, 2011, 212, 372-377.	4.2	27
97	Preparation of calcium carbonate/poly(methyl methacrylate) composite microspheres by soapless emulsion polymerization. Journal of Applied Polymer Science, 2007, 105, 2925-2929.	2.6	9
98	In situ preparation of hydrophobic CaCO 3 in the presence of sodium oleate. Applied Surface Science, 2006, 253, 1983-1987.	6.1	48
99	Synthesis of hydrophobic CaCO3 nanoparticles. Materials Letters, 2006, 60, 854-857.	2.6	58
100	Influence of octadecyl dihydrogen phosphate on the formation of active super-fine calcium carbonate. Journal of Colloid and Interface Science, 2004, 272, 326-329.	9.4	62