

Yanhua Song

List of Publications by Year in descending order

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106
papers

3,499
citations

147566

31
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155451

55
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106
all docs

106
docs citations

106
times ranked

3279
citing authors

#	ARTICLE	IF	CITATIONS
1	White-light emission from a single-emitting-component Ca ₉ Gd(PO ₄) ₇ :Eu ²⁺ , Mn ²⁺ phosphor with tunable luminescent properties for near-UV light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2010, 20, 9061.	6.7	204
2	General and Facile Method To Prepare Uniform Y ₂ O ₃ :Eu Hollow Microspheres. <i>Crystal Growth and Design</i> , 2009, 9, 301-307.	1.4	162
3	Hierarchically Nanostructured Coordination Polymer: Facile and Rapid Fabrication and Tunable Morphologies. <i>Crystal Growth and Design</i> , 2010, 10, 790-797.	1.4	158
4	Optical Properties and Energy Transfer of NaCaPO ₄ :Ce ³⁺ , Tb ³⁺ Phosphors for Potential Application in Light-Emitting Diodes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4636-4642.	1.0	143
5	Facile and rapid fabrication of metal-organic framework nanobelts and color-tunable photoluminescence properties. <i>Journal of Materials Chemistry</i> , 2010, 20, 3272.	6.7	142
6	Highly Uniform Gd(OH) ₃ and Gd ₂ O ₃ :Eu ³⁺ Nanotubes: Facile Synthesis and Luminescence Properties. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6050-6055.	1.5	134
7	Sr ₃ Al ₂ O ₅ Cl ₂ :Ce ³⁺ , Eu ²⁺ : A potential tunable yellow-to-white-emitting phosphor for ultraviolet light emitting diodes. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	127
8	Room-Temperature Synthesis of Multi-Morphological Coordination Polymer and Tunable White-Light Emission. <i>Crystal Growth and Design</i> , 2010, 10, 16-19.	1.4	111
9	Highly Uniform and Monodisperse Gd ₂ O ₂ S:Ln ³⁺ (Ln = Eu, Tb) Submicrospheres: Solvothermal Synthesis and Luminescence Properties. <i>Inorganic Chemistry</i> , 2010, 49, 11499-11504.	1.9	110
10	Coordination-Induced Formation of One-Dimensional Nanostructures of Europium Benzene-1,3,5-tricarboxylate and Its Solid-State Thermal Transformation. <i>Crystal Growth and Design</i> , 2009, 9, 3519-3524.	1.4	89
11	Facile shape-controlled synthesis of luminescent europium benzene-1,3,5-tricarboxylate architectures at room temperature. <i>CrystEngComm</i> , 2009, 11, 2622.	1.3	80
12	Multimorphology Mesoporous Silica Nanoparticles for Dye Adsorption and Multicolor Luminescence Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 3533-3545.	3.2	74
13	Facile selective synthesis and luminescence behavior of hierarchical NaY(WO ₄) ₂ :Eu ³⁺ and Y ₆ WO ₁₂ :Eu ³⁺ . <i>CrystEngComm</i> , 2011, 13, 3001.	1.3	62
14	Gd ₂ O ₂ S:Yb,Er submicrospheres with multicolor upconversion fluorescence. <i>RSC Advances</i> , 2012, 2, 4777.	1.7	58
15	Facile Synthesis and Luminescence of Sr ₅ (PO ₄) ₃ Cl:Eu ²⁺ Nanorod Bundles via a Hydrothermal Route. <i>Inorganic Chemistry</i> , 2010, 49, 1674-1678.	1.9	55
16	Study on the Local Structure and Luminescence Properties of a Y ₂ Mg ₂ Al ₂ Si ₂ O ₁₂ :Eu ³⁺ Red Phosphor for White-Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2020, 59, 9927-9937.	1.9	55
17	Properties and Application of Single Eu ²⁺ -Activated Color Tuning Phosphors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10724-10733.	3.2	51
18	Photoluminescence and Photocatalysis Properties of Dual-Functional Eu ³⁺ -Doped Anatase Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2017, 121, 2369-2379.	1.5	49

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19	Novel highly efficient single-component multi-peak emitting aluminosilicate phosphors co-activated with Ce ³⁺ , Tb ³⁺ and Eu ²⁺ : luminescence properties, tunable color, and thermal properties. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 1591-1607.	1.3	49
20	Photocatalytic and Photoluminescence Properties of Core-Shell SiO ₂ @TiO ₂ :Eu ³⁺ ,Sm ³⁺ and Its Etching Products. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 223-236.	3.2	48
21	Controllable Synthesis and Luminescence Properties of La(OH) ₃ and La(OH) ₃ :Tb ³⁺ Nanocrystals with Multiformal Morphologies. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3721-3726.	1.0	47
22	Electrospinning synthesis of SiO ₂ -TiO ₂ hybrid nanofibers with large surface area and excellent photocatalytic activity. <i>Applied Surface Science</i> , 2019, 488, 284-292.	3.1	46
23	Li ⁺ Ion Induced Full Visible Emission in Single Eu ²⁺ -Doped White Emitting Phosphor: Eu ²⁺ Site Preference Analysis, Luminescence Properties, and WLED Applications. <i>Advanced Optical Materials</i> , 2021, 9, 2100337.	3.6	45
24	Facile Synthesis and Luminescence Properties of Highly Uniform MF/YVO ₄ :Ln ³⁺ (Ln = Eu, Dy, and Sm) Composite Microspheres. <i>Crystal Growth and Design</i> , 2009, 9, 3702-3706.	1.4	44
25	Tunable emission, thermal stability and energy-transfer properties of SrAl ₂ Si ₂ O ₈ :Ce ³⁺ /Tb ³⁺ phosphors for w-LEDs. <i>Journal of Alloys and Compounds</i> , 2017, 714, 627-635.	2.8	43
26	BaGdF ₅ :Dy ³⁺ ,Tb ³⁺ ,Eu ³⁺ multifunctional nanospheres: paramagnetic, luminescence, energy transfer, and tunable color. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 13861-13873.	1.3	39
27	Multifunctional Ca ₉ NaZn ₁ Mg(PO ₄) ₇ :Eu ²⁺ phosphor for full-spectrum lighting, optical thermometry and pressure sensor applications. <i>Chemical Engineering Journal</i> , 2022, 431, 133805.	6.6	36
28	Ultra-wideband phosphor Mg ₂ Gd ₈ (SiO ₄) ₆ O ₂ :Ce ³⁺ ,Mn ²⁺ : Energy transfer and pressure-driven color tuning for potential applications in LEDs and pressure sensors. <i>Chemical Engineering Journal</i> , 2022, 427, 131897.	6.6	35
29	Synthesis and luminescent properties of NaLa(MoO ₄) ₂ :Eu ³⁺ shuttle-like nanorods composed of nanoparticles. <i>CrystEngComm</i> , 2011, 13, 4046.	1.3	33
30	Luminescence properties and Judd-Ofelt analysis of TiO ₂ :Eu ³⁺ nanofibers via polymer-based electrospinning method. <i>RSC Advances</i> , 2016, 6, 52113-52121.	1.7	33
31	Luminescence and Energy Transfer of Color-Tunable Y ₂ Mg ₂ Al ₂ Si ₂ O ₁₂ :Eu ²⁺ ,Ce ³⁺ Phosphors. <i>Inorganic Chemistry</i> , 2021, 60, 5908-5916.	1.3	33
32	Color-tunable Eu ²⁺ ,Eu ³⁺ co-doped Ca ₂₀ Al ₂₆ Mg ₃ Si ₃ O ₆₈ phosphor for w-LEDs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6978-6985.	2.7	32
33	Facile synthesis and catalytic properties of CeO ₂ with tunable morphologies from thermal transformation of cerium benzendicarboxylate complexes. <i>CrystEngComm</i> , 2011, 13, 1786.	1.3	31
34	Ca(Mg _{0.8} Al _{0.2})(Si _{1.8} Al _{0.2})O ₆ :Ce ³⁺ ,Tb ³⁺ Phosphors: Structure Control, Density-Functional Theory Calculation, and Luminescence Property for pc-wLED Application. <i>Inorganic Chemistry</i> , 2020, 59, 4790-4799.	1.9	31
35	Ca ₂₀ Al ₂₆ Mg ₃ Si ₃ O ₆₈ :Ce ³⁺ ,Tb ³⁺ Phosphors: Preferential Site Occupation, Color-Tunable Luminescence and Device Application. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3154-3163.	3.2	30
36	Gd ₂ O ₂ S:Eu ³⁺ and Gd ₂ O ₂ S:Eu ³⁺ /Gd ₂ O ₂ S hollow microspheres: Solvothermal preparation and luminescence properties. <i>Journal of Alloys and Compounds</i> , 2012, 532, 34-40.	2.8	29

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37	Luminescence properties, energy transfer and multisite luminescence of Bi ³⁺ /Sm ³⁺ /Eu ³⁺ -coactivated Ca ₂₀ Al ₂₆ Mg ₃ Si ₃ O ₆₈ as a potential phosphor for white-light LEDs. RSC Advances, 2016, 6, 89984-89993.	1.7	29
38	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.	1.7	28
39	Lu ₂ O ₂ S:Tb ³⁺ , Eu ³⁺ nanorods: luminescence, energy transfer, and multicolour tuneable emission. CrystEngComm, 2016, 18, 7620-7628.	1.3	27
40	The photoluminescence, thermal properties and tunable color of Na ^x Al _{1+2x} Si _{1+2x} O ₄ :xCe ³⁺ /Tb ³⁺ /Dy ³⁺ energy transfer: a single-component multicolor-emitting phosphor. Physical Chemistry Chemical Physics, 2017, 19, 22197-22209.	1.3	27
41	White light-emitting, tunable color luminescence, energy transfer and paramagnetic properties of terbium and samarium doped BaGdF ₅ multifunctional nanomaterials. RSC Advances, 2016, 6, 73160-73169.	1.7	26
42	YF ₃ :RE ³⁺ (RE = Dy, Tb, Eu) Sub-microstructures: Controllable Morphology, Tunable Multicolor, and Thermal Properties. Journal of Physical Chemistry C, 2017, 121, 23080-23095.	1.5	26
43	Uniform hollow TiO ₂ :Sm ³⁺ spheres: Solvothermal synthesis and luminescence properties. Powder Technology, 2013, 239, 403-408.	2.1	25
44	Hydrothermal Synthesis and Luminescence of Eu-Doped Ba _{0.92} Y _{2.15} F _{8.29} Submicrospheres. Journal of Physical Chemistry C, 2009, 113, 16962-16968.	1.5	24
45	Energy transfer and luminescence properties of Dy ³⁺ /Eu ³⁺ doped silicoaluminate phosphors. Optical Materials, 2019, 89, 512-520.	1.7	24
46	Photoluminescence and Color-Tunable Properties of Na ₄ Ca ₄ Mg ₂₁ (PO ₄) ₁₈ :Eu ²⁺ , Tb ³⁺ , Mn ²⁺ Phosphors for Applications in White LEDs. Inorganic Chemistry, 2020, 59, 14193-14206.	1.3	24
47	The photoluminescence, thermal properties and tunable color of bright green-emitting Ba ₃ Sc(BO ₃) ₃ :Ce ³⁺ /Tb ³⁺ phosphors via efficient energy transfer. Journal of Alloys and Compounds, 2021, 859, 157766.	2.8	24
48	Controlled synthesis of calcite/vaterite/aragonite and their applications as red phosphors doped with Eu ³⁺ ions. CrystEngComm, 2017, 19, 2758-2767.	1.3	23
49	Columnar Gd ₂ O ₃ :Eu ³⁺ /Tb ³⁺ phosphors: preparation, luminescence properties and growth mechanism. CrystEngComm, 2018, 20, 7322-7328.	1.3	23
50	Facile synthesis and luminescent properties of flower-like LaPO ₄ :Ln ³⁺ (Ln = Ce, Tb) hierarchical architectures. CrystEngComm, 2010, 12, 2865.	1.3	22
51	Facile synthesis and luminescence properties of octahedral YVO ₄ :Eu ³⁺ microcrystals. Journal of Crystal Growth, 2009, 311, 4213-4218.	0.7	21
52	Hydrothermal assisted sol-gel synthesis and multisite luminescent properties of anatase TiO ₂ :Eu ³⁺ nanorods. RSC Advances, 2015, 5, 59314-59319.	1.7	21
53	Luminescence properties and energy transfer of Ca ₂ Mg _{0.5} AlSi _{1.5} O ₇ :Ce ³⁺ , Eu ²⁺ phosphors for UV-excited white LEDs. Powder Technology, 2014, 253, 803-808.	2.1	20
54	Tunable color and energy transfer in single-phase white-emitting Ca ₂₀ Al ₂₆ Mg ₃ Si ₃ O ₆₈ :Ce ³⁺ , Dy ³⁺ phosphors for UV white light-emitting diodes. Journal of Solid State Chemistry, 2015, 232, 169-177.	1.4	20

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55	Magnetic-downconversion luminescent bifunctional BaGdF ₅ :Dy ³⁺ ,Eu ³⁺ nanospheres: energy transfer, multicolor luminescence and paramagnetic properties. RSC Advances, 2016, 6, 53444-53453.	1.7	20
56	3D Hierarchical Architectures of Sodium Lanthanide Sulfates: Hydrothermal Synthesis, Formation Mechanisms, and Luminescence Properties. Journal of Physical Chemistry C, 2011, 115, 19463-19469.	1.5	19
57	Luminescent properties and energy transfer of Gd ³⁺ /Eu ³⁺ co-doped high uniform meso-silica nanorods. Journal of Luminescence, 2015, 158, 456-463.	1.5	19
58	Crystal structure, luminescence properties and application performance of color tuning Y ₂ Mg ₂ Al ₂ Si ₂ O ₁₂ :Ce ³⁺ ,Mn ²⁺ phosphors for warm white light-emitting diodes. Materials Advances, 2020, 1, 2261-2270.	1.4	19
59	Controlled synthesis and morphology dependent luminescence of Lu ₂ O ₃ :Eu ³⁺ phosphors. RSC Advances, 2016, 6, 7846-7853.	1.7	18
60	Understanding the remarkable luminescence enhancement via SiO ₂ coating on TiO ₂ :Eu ³⁺ nanofibers. Physical Chemistry Chemical Physics, 2017, 19, 17063-17074.	1.3	17
61	Facile synthesis of Y ₄ O(OH) ₉ NO ₃ :Eu ³⁺ /Y ₂ O ₃ :Eu ³⁺ nanotubes and nanobundles from nanolamellar precursors. CrystEngComm, 2010, 12, 585-590.	1.3	16
62	Synthesis and luminescence properties of Eu(III)-doped silica nanorods based on the sol-gel process. Journal of Sol-Gel Science and Technology, 2014, 69, 536-543.	1.1	16
63	Facile synthesis and luminescence properties of Gd ₂ O ₃ :Eu microrods from thermal transformation of Gd(Eu) tartrate complexes. Journal of Alloys and Compounds, 2015, 622, 143-148.	2.8	16
64	Facile synthesis and color-tunable properties of BaLuF ₅ :Ce,Tb,Eu(Sm) submicrospheres via a facile ionic liquid/EG two-phase system. Journal of Colloid and Interface Science, 2017, 487, 281-288.	5.0	15
65	Synthesis and Luminescent Properties of Cerium-, Terbium-, or Dysprosium-Doped Gd ₄ Si ₂ O ₇ N ₂ Materials. European Journal of Inorganic Chemistry, 2011, 2011, 2327-2332.	1.0	14
66	Morphology control and tunable color of LuVO ₄ :Ln ³⁺ (Ln = Tm, Er, Sm, Eu) nano/micro-structures. New Journal of Chemistry, 2017, 41, 709-716.	1.4	14
67	Electrospinning fabrication and luminescence properties of Lu ₂ O ₃ :Eu ³⁺ fibers. CrystEngComm, 2017, 19, 699-707.	1.3	14
68	Facile surfactant- and template-free synthesis and luminescence properties of needle-like calcite CaCO ₃ :Eu ³⁺ phosphors. CrystEngComm, 2018, 20, 496-504.	1.3	14
69	Solvothermal synthesis of columnar Gd ₂ O ₃ :Eu ³⁺ and a comparative study with columnar Gd ₂ O ₃ :Eu ³⁺ . Journal of the American Ceramic Society, 2020, 103, 356-366.	1.9	14
70	Comparative study on the morphology, growth mechanism and luminescence property of RE ₂ O ₂ S:Eu ³⁺ (RE = Lu, Gd, Y) phosphors. Journal of Alloys and Compounds, 2021, 870, 159273.	2.8	14
71	Fabrication and photoluminescence properties of TiO ₂ :Eu ³⁺ microspheres with tunable structure from solid to core-shell. CrystEngComm, 2014, 16, 9216-9223.	1.3	13
72	Luminescent properties of Ca ₂ Mg _{0.75} Al _{0.5} Si _{1.75} O ₇ :Ln (Ln = Ce ³⁺ , Dy ³⁺ , Eu ³⁺ , Sm ³⁺) and their application for UV white light-emitting diodes. Journal of Alloys and Compounds, 2015, 644, 82-90.	2.8	13

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73	Ionic liquids assisted synthesis and luminescence properties of Ca ₅ (PO ₄) ₃ Cl:Ce ³⁺ , Tb ³⁺ nanostructures. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	11
74	Controlled synthesis and luminescence properties of GdF ₃ with different crystalline phases and morphologies. CrystEngComm, 2017, 19, 1517-1527.	1.3	11
75	SiO ₂ @TiO ₂ :Eu ³⁺ and Its Derivatives: Design, Synthesis, and Properties. Crystal Growth and Design, 2017, 17, 6486-6497.	1.4	11
76	New single-component multicolor emission Na _x Al _{1+2x} Si _{1~2x} O ₄ :Bi ³⁺ /Eu ³⁺ phosphors via energy transfer. Journal of the American Ceramic Society, 2018, 101, 2353-2367.	1.9	11
77	A single-phase full-visible-spectrum phosphor for white light-emitting diodes with ultra-high color rendering. Dalton Transactions, 2020, 49, 17796-17805.	1.6	11
78	Facile synthesis of CaO:Eu ³⁺ and comparative study on the luminescence properties of CaO:Eu ³⁺ and CaCO ₃ :Eu ³⁺ . Journal of Luminescence, 2022, 241, 118491.	1.5	11
79	Spherical Lu ₂ O ₃ :Eu ³⁺ micro/nano-structure: Controlled synthesis and luminescence properties. Optical Materials, 2017, 64, 88-94.	1.7	10
80	BaCaLu ₂ F ₁₀ :Ln ³⁺ (Ln = Eu, Dy, Tb, Sm, Yb/Er, Yb/Ho) spheres: ionic liquid-based synthesis and luminescence properties. CrystEngComm, 2018, 20, 6173-6182.	1.3	10
81	Preparation, characterization and photoluminescence properties of TiO ₂ :Eu ³⁺ nanorods and nanobelts. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	9
82	Growth, structure and optical properties of tartaric acid-templated silica nanotubes by sol-gel method. Journal of Sol-Gel Science and Technology, 2013, 68, 204-212.	1.1	9
83	Facile synthesis and multicolor luminescence properties of Gd ₄ O ₃ F ₆ :Ln ³⁺ (Ln = Eu, Tb, Dy, Sm, Ho, Tm.) J. Appl. Phys. 2017, 121, 174301.	1.7	9
84	SiO ₂ :Tb ³⁺ @Lu ₂ O ₃ :Eu ³⁺ Core-Shell Phosphors: Interfacial Energy Transfer for Enhanced Multicolor Luminescence. Inorganic Chemistry, 2021, 60, 2542-2552.	1.9	9
85	Ionic liquid-based hydrothermal synthesis and luminescent properties of CaF ₂ :Ce ³⁺ /Mn ²⁺ nanocrystals. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	8
86	Facile synthesis and luminescence properties of europium(III)-doped silica nanotubes. Journal of Sol-Gel Science and Technology, 2014, 71, 313-323.	1.1	8
87	Ionic liquid-assisted two-phase synthesis of Lu ₇ O ₆ F ₉ :Yb ³⁺ , Er ³⁺ phosphors and their morphological control, color-tunable up-conversion luminescence and temperature sensing behavior. Ceramics International, 2021, 47, 21147-21160.	2.3	8
88	The preparation, structure and luminescent properties of Mg-CaCO ₃ :Eu ³⁺ phosphors. CrystEngComm, 2021, 23, 1517-1528.	1.3	8
89	Application of Oxidized Cornstarch as a Nonphosphoric Detergent Builder. Journal of Surfactants and Detergents, 2012, 15, 393-398.	1.0	7
90	Luminescence and energy transfer properties of color-tunable Ca ₂ Mg _{0.25} Al _{1.5} Si _{1.25} O ₇ :Ce ³⁺ /Eu ²⁺ /Tb ³⁺ phosphors for ultraviolet light-emitting diodes. Luminescence, 2016, 31, 453-461.	1.5	7

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91	Sol-gel synthesis of silica composited flower-like microspheres using trivalent europium tartrate as a template. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 85, 470-479.	1.1	6
92	Synthesis and characterization of a flexible fluorescent magnetic Fe ₃ O ₄ @SiO ₂ /CdTe-NH ₂ nanoprobe. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 307-316.	1.5	6
93	Interfacial Energy Transfer in Hollow Double-Shelled TiO ₂ :x%Eu ³⁺ @SiO ₂ :y%Tb ³⁺ Nanospheres for Tissue Imaging. <i>ACS Applied Nano Materials</i> , 2019, 2, 7644-7651.	2.4	6
94	Ionic liquid/H ₂ O two-phase synthesis and luminescence properties of BaGdF ₅ :RE ³⁺ (RE = Ce/Dy/Eu/Yb/Er) octahedra. <i>New Journal of Chemistry</i> , 2021, 45, 742-750.	1.4	6
95	Pressure-driven Eu ²⁺ -doped K ₃ Sc(PO ₄) ₂ : A broad cyan-green emitting phosphor for closing the cyan cavity in solid-state lighting and applying in optical pressure sensor. <i>Journal of Luminescence</i> , 2022, 245, 118798.	1.5	6
96	Sr ²⁺ -induced color-tunable and thermal stability enhancing in the phosphor (Ba _{1-x} Sr _x) ₉ Lu ₂ Si ₆ O ₂₄ :Eu ²⁺ for solid-state lighting. <i>Journal of the American Ceramic Society</i> , 2019, 102, 5284-5294.	1.9	5
97	The synthesis and luminescence properties of Lu ₂ O ₃ :Eu ³⁺ rods and its comparative analysis with Lu ₂ O ₂ S:Eu ³⁺ rods. <i>Optical Materials</i> , 2020, 109, 110355.	1.7	5
98	Controllable synthesis of bifunctional material Ca ₂ Ti ₂ O ₆ :Eu ³⁺ and its comparative study on luminescence and photocatalytic properties with CaTiO ₃ :Eu ³⁺ . <i>Ceramics International</i> , 2022, , .	2.3	5
99	Synthesis, structure and multicolor-tunable luminescence of the dandelion-like SiO ₂ :Ln ³⁺ (Ln = Eu, Tb) nanophosphors. <i>New Journal of Chemistry</i> , 2017, 41, 5688-5695.	1.4	4
100	Two strategies to achieve color adjustment of Eu ²⁺ -doped garnet Lu ₂ Mg ₂ Al ₂ Si ₂ O ₁₂ phosphors. <i>Journal of Luminescence</i> , 2022, 243, 118651.	1.5	4
101	Luminescence and tunable color properties of uniphase white-emitting Sr ₃ B ₂ Si ₈ O ₂₃ :Tm ³⁺ /Dy ³⁺ /Eu ³⁺ phosphors by energy transfer for UV-excited white LEDs. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	1.5	3
102	Structural Design for Controlling the Lattice Strain Relaxation Process in TiO ₂ /SiO ₂ Core-Shell Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16796-16807.	3.2	3
103	Systematic Study on the Luminescent Properties, Thermal Stability, and Magnetic Behavior of GdOF:RE ³⁺ (RE = Eu, Yb, and Er) Red Phosphors with Various Morphologies. <i>Inorganic Chemistry</i> , 2022, 61, 10642-10651.	1.9	3
104	Sr ₂ Gd ₈ (SiO ₄) ₆ O ₂ :Ce ³⁺ /Mn ²⁺ : A Single-Component White-Emitting Phosphor for UV WLEDs. <i>ChemistrySelect</i> , 2019, 4, 3871-3877.	0.7	2
105	Spherical Microstructures of Lu ₂ O ₃ :Ln ³⁺ (Ln=Tm, Dy, Tb, Eu): Rapid Microwave-Assisted Synthesis, Energy Transfer, and Multicolor Emission. <i>ChemistrySelect</i> , 2017, 2, 5167-5174.	0.7	0
106	SiO ₂ @TiO ₂ :Sm ³⁺ with Diverse Phase Structure and Morphology: Photoluminescence and Simulated Solar Light-Activated Photodegradation Properties. <i>ChemistrySelect</i> , 2019, 4, 2832-2845.	0.7	0