

Ge Zhu

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110
papers

2,563
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46
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118
ext. papers

2,956
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
110	η -Graphene Crosslinked CsPbI ₃ Quantum Dots for High Efficiency Solar Cells with Much Improved Stability. <i>Advanced Energy Materials</i> , 2018 , 8, 1800007	21.8	167
109	Rare-Earth-Free High-Efficiency Narrow-Band Red-Emitting Mg ₃ Ga ₂ GeO ₈ :Mn ⁴⁺ Phosphor Excited by Near-UV Light for White-Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2016 , 55, 154-62	5.1	139
108	Synthesis, crystal structure and luminescence characteristics of a novel red phosphor Ca ₁₉ Mg ₂ (PO ₄) ₁₄ :Eu ³⁺ for light emitting diodes and field emission displays. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 5960	7.1	138
107	Highly dispersive {001} facets-exposed nanocrystalline TiO ₂ on high quality graphene as a high performance photocatalyst. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7484		134
106	Recent development in rare earth doped phosphors for white light emitting diodes. <i>Journal of Rare Earths</i> , 2015 , 33, 1-12	3.7	133
105	Red-emitting oxonitridosilicate phosphors Sr ₂ SiNzO ₄ ·1.5z:Eu ²⁺ for white light-emitting diodes: structure and luminescence properties. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 1407	7.1	76
104	Enhanced photoluminescence and thermal properties of size mismatch in Sr ₂ (2.97-x-y)Eu _{0.03} Mg _x Ba _y SiO ₅ for high-power white light-emitting diodes. <i>Inorganic Chemistry</i> , 2014 , 53, 2195-9	5.1	69
103	A single-component white-emitting CaSr ₂ Al ₂ O ₆ :Ce ³⁺ , Li ⁺ , Mn ²⁺ phosphor via energy transfer. <i>Inorganic Chemistry</i> , 2014 , 53, 7668-75	5.1	58
102	A novel Ce ³⁺ activated Lu ₂ MgAlSiO ₇ garnet phosphor for blue chip light-emitting diodes with excellent performance. <i>Dalton Transactions</i> , 2015 , 44, 1775-81	4.3	54
101	Ca ₈ Mg(SiO ₄) ₄ Cl ₂ :Ce ³⁺ , Tb ³⁺ : A potential single-phased phosphor for white-light-emitting diodes. <i>Journal of Luminescence</i> , 2012 , 132, 531-536	3.8	52
100	Warm white light generation from a single phased phosphor Sr ₁₀ [(PO ₄) _{5.5} (BO ₄) _{0.5}](BO ₂):Eu ²⁺ , Mn ²⁺ , Tb ³⁺ for light emitting diodes. <i>RSC Advances</i> , 2013 , 3, 9311	3.7	51
99	Crystal structure and luminescence properties of a cyan emitting Ca ₁₀ (SiO ₄) ₃ (SO ₄) ₃ F ₂ :Eu ²⁺ phosphor. <i>CrystEngComm</i> , 2013 , 15, 6389	3.3	47
98	Ca ₅ La ₅ (SiO ₄) ₃ (PO ₄) ₃ O ₂ :Ce ³⁺ , Mn ²⁺ : A Color-Tunable Phosphor with Efficient Energy Transfer for White-Light-Emitting Diodes. <i>Journal of the Electrochemical Society</i> , 2011 , 158, J236	3.9	46
97	Warm white light generation from Dy ³⁺ doped NaSr ₂ Nb ₅ O ₁₅ for white LEDs. <i>Materials Letters</i> , 2013 , 91, 304-306	3.3	42
96	Highly Eu ions doped novel red emission solid solution phosphors CaLi(Bi,Eu)(PO): structure design, characteristic luminescence and abnormal thermal quenching behavior investigation. <i>Dalton Transactions</i> , 2019 , 48, 1624-1632	4.3	40
95	Novel blue and green phosphors obtained from K ₂ ZrSi ₃ O ₉ :Eu ²⁺ compounds with different charge compensation ions for LEDs under near-UV excitation. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 6676-6685	7.1	38
94	Luminescent characteristics of Dy ³⁺ doped calcium zirconium phosphate CaZr ₄ (PO ₄) ₆ (CZP) phosphor for warm-white LEDs. <i>Journal of Luminescence</i> , 2014 , 155, 205-209	3.8	37

93	Electronic structure and photo/cathodoluminescence properties investigation of green emission phosphor NaBaScSi2O7:Eu2+ with high thermal stability. <i>CrystEngComm</i> , 2014 , 16, 6089-6097	3.3	37
92	Highly efficient cyan-emitting garnet Ca3Hf2SiAl2O12: xCe3+ phosphor for solid state white lighting. <i>CrystEngComm</i> , 2015 , 17, 3235-3242	3.3	36
91	An Intense Red-Emitting Phosphor YBa3(PO4)3:Eu3+ for Near-Ultraviolet Light Emitting Diodes Application. <i>Electrochemical and Solid-State Letters</i> , 2011 , 14, H438		36
90	GATA1 induces epithelial-mesenchymal transition in breast cancer cells through PAK5 oncogenic signaling. <i>Oncotarget</i> , 2015 , 6, 4345-56	3.3	36
89	Crystal structure, photoluminescence properties and energy transfer of Ce3+, Mn2+ co-activated Ca8NaGd(PO4)6F2 phosphor. <i>Materials Research Bulletin</i> , 2013 , 48, 1065-1070	5.1	35
88	Synthesis and luminescent properties of Ca2La8(GeO4)6O2:RE3+ (RE3+=Eu3+, Tb3+, Dy3+, Sm3+, Tm3+) phosphors. <i>Journal of Luminescence</i> , 2013 , 144, 64-68	3.8	34
87	Structure- and temperature-sensitive photoluminescence in a novel phosphate red phosphor RbZnPO4:Eu(3.). <i>Dalton Transactions</i> , 2015 , 44, 16099-106	4.3	33
86	Synthesis, structure and luminescence characteristics of a novel red phosphor NaLa9(GeO4)6O2:Eu3+ for light emitting diodes and field emission displays. <i>RSC Advances</i> , 2015 , 5, 65710-65718	3.7	33
85	A new type of color tunable composite phosphor Y2SiO5:Ce/Y3Al5O12:Ce for field emission displays. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4490	7.1	33
84	Novel red phosphors Na2CaSiO4:Eu3+ for light-emitting diodes. <i>Materials Research Bulletin</i> , 2011 , 46, 1148-1150	5.1	32
83	Structure, photoluminescent and cathodoluminescent properties of a rare-earth free red emitting Zn3B2O6:Mn2+ phosphor. <i>Dalton Transactions</i> , 2014 , 43, 2418-23	4.3	31
82	A novel temperature sensitive Sm3+ doped niobate orange-red phosphor: The synthesis and characteristic luminescent property investigation. <i>Journal of Luminescence</i> , 2018 , 196, 32-35	3.8	28
81	A novel red emitting phosphor of Eu3+ doped TTB-type niobate NaSr2Nb5O15 for white LEDs. <i>Materials Research Bulletin</i> , 2013 , 48, 1995-1998	5.1	28
80	Efficient and controllable photoluminescence in novel solid solution Ca1-xSrxHf4(PO4)6:Eu2+ phosphors with high thermal stability for white light emitting diodes. <i>CrystEngComm</i> , 2018 , 20, 4383-4394	3.3	28
79	Optimizing the substrate pre-heating and post-annealing temperatures for fabricating high-performance carbon-based CsPbIBr2 inorganic perovskite solar cells. <i>Electrochimica Acta</i> , 2020 , 349, 136354	6.7	27
78	Multicolor bright Ln^3+ (Ln = Eu, Dy, Sm) activated tungstate phosphor for multifunctional applications. <i>Optical Materials Express</i> , 2014 , 4, 142	2.6	25
77	Design, synthesis and characterization of a new apatite phosphor Sr_4La_2Ca_4(PO_4)_6O_2:Ce^3+ with long wavelength Ce^3+ emission. <i>Optical Materials Express</i> , 2013 , 3, 229	2.6	25
76	A blue-emitting Sc silicate phosphor for ultraviolet excited light-emitting diodes. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 27292-9	3.6	24

75	Observation, identification and characterization of strong self-reduction process in a orthophosphate phosphor $\text{CaZr}_4(\text{PO}_4)_6:\text{Eu}$. <i>Materials Research Bulletin</i> , 2014 , 50, 405-408	5.1	24
74	PAK4 regulates G6PD activity by p53 degradation involving colon cancer cell growth. <i>Cell Death and Disease</i> , 2017 , 8, e2820	9.8	22
73	Synthesis and photoluminescence properties of $\text{Ca}_{19}\text{Mg}_2(\text{PO}_4)_{14}:\text{Sm}^{3+}$ red phosphor for white light emitting diodes. <i>Materials Research Bulletin</i> , 2014 , 55, 146-149	5.1	22
72	A novel white emitting phosphor of Dy^{3+} doped $\text{Ca}_{19}\text{Mg}_2(\text{PO}_4)_{14}$ for light-emitting diodes. <i>Journal of Luminescence</i> , 2014 , 154, 246-250	3.8	22
71	Enhancing the emission intensity and decreasing the full widths at half maximum of $\text{Ba}_3\text{Si}_6\text{O}_{12}\text{N}_2:\text{Eu}(2+)$ by $\text{Mg}(2+)$ doping. <i>Dalton Transactions</i> , 2015 , 44, 10321-9	4.3	21
70	Color-tunable $\text{LaCaAl}_3\text{O}_7:\text{Ce}^{3+},\text{Tb}^{3+}$ phosphors for UV light-emitting diodes. <i>Materials Research Bulletin</i> , 2013 , 48, 114-117	5.1	21
69	Synthesis and luminescent properties of a white light phosphor $\text{KBa}_2\text{Nb}_5\text{O}_{15}:\text{Na}^+, \text{Dy}^{3+}$ for light-emitting-devices. <i>Materials Research Bulletin</i> , 2013 , 48, 3648-3650	5.1	19
68	Redesign and manually control the commercial plasma green $\text{Zn}_2\text{SiO}_4:\text{Mn}^{2+}$ phosphor with high quantum efficiency for white light emitting diodes. <i>Journal of Alloys and Compounds</i> , 2020 , 814, 152340	5.7	19
67	$\text{La}_2\text{O}_2\text{S}:\text{Tm}/\text{Yb}$ as a novel phosphor for highly pure near-infrared upconversion luminescence. <i>Scripta Materialia</i> , 2018 , 149, 121-124	5.6	18
66	The luminescent property and abnormal thermal quenching behavior of Pr^{3+} ions in novel red phosphor $\text{Ca}_{19}\text{Mg}_2(\text{PO}_4)_{14}:\text{Pr}^{3+}$. <i>Journal of Luminescence</i> , 2017 , 181, 455-458	3.8	17
65	Full-color emission generation from single phased phosphor $\text{Sr}_{10}[(\text{PO}_4)_5(\text{BO}_4)_5](\text{BO}_2):\text{Ce}^{3+}, \text{Mn}^{2+}, \text{Tb}^{3+}$ for white light emitting diodes. <i>Optical Materials Express</i> , 2013 , 3, 1810	2.6	17
64	Structure and Photoluminescence Properties of $\text{Ca}_9\text{Al}(\text{PO}_4)_7:\text{Ce}^{3+}, \text{Mn}^{2+}$ Phosphors. <i>ECS Journal of Solid State Science and Technology</i> , 2012 , 1, R92-R97	2	17
63	Photoluminescent properties of Pr^{3+} activated Y_2WO_6 for light emitting diodes. <i>Optical Materials</i> , 2015 , 42, 385-389	3.3	16
62	Rare-earth free narrow-band green-emitting $\text{KAlSi}_2\text{O}_6:\text{Mn}^{2+}$ phosphor excited by blue light for LED-phosphor material. <i>RSC Advances</i> , 2015 , 5, 30001-30004	3.7	16
61	Tunable white light emitting from mono Ce^{3+} doped $\text{Sr}_5(\text{PO}_4)_2\text{SiO}_4$ phosphors for light emitting diodes. <i>Materials Research Bulletin</i> , 2013 , 48, 1627-1631	5.1	16
60	A double substitution induced $\text{Ca}(\text{Mg}_{0.8}, \text{Al}_{0.2})(\text{Si}_{1.8}, \text{Al}_{0.2})\text{O}_6:\text{Eu}(2+)$ phosphor for w-LEDs: synthesis, structure, and luminescence properties. <i>Dalton Transactions</i> , 2015 , 44, 13196-203	4.3	15
59	Photoluminescence properties of S-doped $\text{BaAl}_2\text{O}_9:\text{Mn}^{2+}$ phosphors for plasma display panels. <i>Materials Letters</i> , 2012 , 75, 137-139	3.3	15
58	Formation, photoluminescence and ferromagnetic characterization of Ce doped AlN hierarchical nanostructures. <i>Journal of Alloys and Compounds</i> , 2019 , 775, 498-502	5.7	15

57	Color-tunable luminescence and energy transfer properties of Dy ³⁺ /Tm ³⁺ co-doped Sr ₉ Mg _{1.5} (PO ₄) ₇ phosphor for light-emitting diodes. <i>Journal of Luminescence</i> , 2019 , 214, 116521	3.8	14
56	The structure, photoluminescence and influence of temperature on energy transfer in co-doped Ca ₉ La(GeO ₄) _{0.75} (PO ₄) ₆ red-emission phosphors. <i>Dalton Transactions</i> , 2015 , 44, 9241-50	4.3	14
55	Photo/cathodoluminescence and stability of Gd ₂ O ₂ S:Tb,Pr green phosphor hexagons calcined from layered hydroxide sulfate. <i>Journal of the American Ceramic Society</i> , 2018 , 101, 5477-5486	3.8	14
54	Enhanced luminescence and abnormal thermal quenching behaviour investigation of BaHfSi ₃ O ₉ :Eu ²⁺ blue phosphor co-doped with La ³⁺ /Bc ³⁺ ion pairs. <i>RSC Advances</i> , 2016 , 6, 41755-41760	3.7	14
53	Novel red-emitting phosphor Ba ₃ ZrNb ₄ O ₁₅ :Pr ³⁺ : The structure, characteristic photoluminescence property and thermal quenching behaviour investigation. <i>Materials Research Bulletin</i> , 2018 , 104, 173-178	5.1	13
52	A novel blue light pumped yellow-emitting phosphor RbZnPO ₄ :Dy ³⁺ with satisfactory color tuning and thermal properties for high-power warm white light emitting diodes. <i>RSC Advances</i> , 2015 , 5, 106795-106799	3.7	13
51	Photoluminescence of green-emitting Ca ₇ (PO ₄) ₂ (SiO ₄) ₂ :Eu ²⁺ phosphor for white light emitting diodes. <i>Optical Materials Express</i> , 2014 , 4, 280	2.6	13
50	Origin, Influence, and Countermeasures of Defects in Perovskite Solar Cells. <i>Small</i> , 2021 , 17, e2005495	11	13
49	Synthesis and photoluminescence properties of a red emitting phosphor NaSr ₂ (NbO ₃) ₅ :RE ³⁺ (RE=Sm, Pr) for white LEDs. <i>Journal of Rare Earths</i> , 2013 , 31, 1049-1052	3.7	12
48	Tunable Luminescence and Energy Transfer Investigation in Sr ₈ La ₂ [(PO ₄) _{4.5} (SiO ₄) ₂ (BO ₄) _{0.5}](BO ₂): Ce ³⁺ /Mn ²⁺ for White-Light-Emitting Diodes. <i>ECS Journal of Solid State Science and Technology</i> , 2015 , 4, R78-R82	2	12
47	Plasma-assisted synthesis of ZnSe hollow microspheres with strong red emission. <i>Journal of Luminescence</i> , 2019 , 206, 33-38	3.8	12
46	Optical properties of Si ³⁺ doped BaMgAl ₁₀ O ₁₇ :Eu ²⁺ , Mn ²⁺ phosphors for plasma display panels. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 7100-7104	5.7	11
45	Novel layered niobate phosphors SrBaNb ₄ O ₁₂ :Re ³⁺ (Re= Eu, Dy, Sm and Pr): Crystal structure, electronic structure and luminescence property investigation. <i>Journal of Luminescence</i> , 2019 , 211, 76-81	3.8	10
44	Single-hole hollow tetragonal LaVO ₄ :Eu ³⁺ microspheres prepared by Ostwald ripening and their luminescence property. <i>Journal of Luminescence</i> , 2017 , 192, 1020-1025	3.8	9
43	Crystal structure and characteristic luminescence properties investigation of novel red-emitting phosphor Na ₃ MgZr(PO ₄) ₃ :Eu ³⁺ for white light-emitting diodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 2216-2221	2.1	9
42	Thermal stable red phosphor Sm ³⁺ doped Na ₃ MgZr(PO ₄) ₃ : the synthesis, site occupation and photoluminescence property investigation. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 19134-19138	2.1	8
41	Double substitution induced tunable photoluminescence in the Sr ₂ Si ₅ N ₈ :Eu phosphor lattice. <i>New Journal of Chemistry</i> , 2015 , 39, 6958-6964	3.6	8
40	Synthesis and luminescent properties of Sr ₂ SnO ₄ : Pr ³⁺ , M ⁺ (M=Li, Na and K) phosphors with layered perovskite-related structure. <i>Journal of Luminescence</i> , 2020 , 226, 117423	3.8	8

39	Novel high color purity phosphors Sr ₉ Mg _{1.5} (PO ₄) ₇ : Sm ³⁺ , R ⁺ (R = Li, Na, K): Crystal structure, luminescence and thermal quenching property investigation. <i>Journal of Luminescence</i> , 2019 , 215, 116606	3.8	8
38	Improvement of emission and thermal stability induced by selected occupation of Al ³⁺ in Ba ₃ Si ₆ O ₁₂ N ₂ :Eu ²⁺ phosphors. <i>Journal of Luminescence</i> , 2020 , 221, 117060	3.8	7
37	Photoluminescence properties of Si ³⁺ -doped BaAl ₁₂ O ₁₉ :Mn ²⁺ phosphors for three-dimensional plasma display panels. <i>Materials Research Bulletin</i> , 2012 , 47, 156-159	5.1	7
36	Synthesis and Photoluminescence of a New Chlorogermanate Phosphor Ca ₈ Mg(GeO ₄) ₄ Cl ₂ :Eu ²⁺ . <i>Journal of the American Ceramic Society</i> , 2013 , 96, 223-227	3.8	7
35	The synthesis and photoluminescence properties investigation of a versatile phosphor Sr ₁₀ [(PO ₄) _{5.5} (BO ₄) _{0.5}](BO ₂): Sb ³⁺ /Eu ³⁺ /Pr ³⁺ /Dy ³⁺ . <i>Journal of Luminescence</i> , 2017 , 181, 443-447	3.8	7
34	The synthesis, electronic structure and photoluminescence property investigation of temperature sensitive red phosphors RbZnPO ₄ :Sm ³⁺ . <i>Materials Research Bulletin</i> , 2017 , 92, 99-103	5.1	6
33	Tunable optical and magnetic properties of Tm-doped AlN nanostructures. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 487, 165305	2.8	6
32	Novel thermal stable Sm ³⁺ doped barium hafnium phosphate red phosphor: the synthesis and characteristic luminescent property investigation. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 4895-4899	2.1	6
31	Structural and spectroscopic features of high color purity red-emitting phosphors SrMg(PO) ₃ :Re (Re= Eu, Sm, Pr). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 251, 119417	4.4	6
30	Local structure modification for identifying the site preference and characteristic luminescence property of Eu ²⁺ ions in full-color emission phosphors Sr ₁₈ Mg ₃ (PO ₄) ₁₄ :Eu ²⁺ . <i>Journal of Alloys and Compounds</i> , 2021 , 862, 158634	5.7	6
29	Synthesis and luminescent properties investigation of novel red emission phosphors Ca ₇ Zn ₂ (PO ₄) ₆ : Re ³⁺ (Re=Eu, Sm and Pr). <i>Journal of Molecular Structure</i> , 2019 , 1181, 203-208	3.4	6
28	Optimization and temperature-dependent photoluminescence properties of yellow/orange emitting Sr _{1.99-x} CaxMy(Si _{1-x} Zy)O ₄ : 0.01Eu ²⁺ (M=Y ³⁺ , K ⁺ , Z=Al ³⁺ , P ⁵⁺) phosphors for white light-emitting diodes. <i>Optical Materials</i> , 2015 , 39, 188-194	3.3	5
27	Te ⁴⁺ /Bi ³⁺ Co-Doped Double Perovskites with Tunable Dual-Emission for Contactless Light Sensor, Encrypted Information Transmission and White Light Emitting Diodes. <i>Chemical Engineering Journal</i> , 2022 , 431, 134135	14.7	5
26	Novel thermally robust warm white light emitting phosphor Ca ₁₈ Li ₃ Y(PO ₄) ₁₄ :Dy ³⁺ : Synthesis, crystal structure and luminescence property investigation. <i>Journal of Molecular Structure</i> , 2021 , 1228, 129471	3.4	5
25	The structure and photoluminescence properties of a novel orange emission phosphor Ba ₃ Sc _{1.9} Al _{0.1} B ₄ O ₁₂ : Eu ²⁺ excited by NUV light. <i>Optical Materials</i> , 2019 , 92, 195-205	3.3	4
24	High pressure photoluminescence properties and structural stability of Eu doped AlN nanowires synthesized via a direct nitridation strategy. <i>Journal of Alloys and Compounds</i> , 2020 , 823, 153804	5.7	4
23	Synthesis and site-selective photoluminescence property of Ca ₈ La ₂ (PO ₄) ₆ O ₂ : Ce ³⁺ . <i>Materials Research Society Symposia Proceedings</i> , 2014 , 1592, 1		4
22	Synthesis and Photoluminescence Properties of Double Perovskite Phosphor Ba ₆ Y ₂ W ₃ O ₁₈ : Mg ²⁺ , Mn ⁴⁺ for Plant Cultivation. <i>ECS Journal of Solid State Science and Technology</i> , 2019 , 8, R119-R126	2	3

21	Thermally robust and valence-variation-induced white-light emission of a novel stannate phosphor SrAlSnO:Dy: crystal structure, luminescence property, and mechanism investigation. <i>Dalton Transactions</i> , 2020 , 49, 15800-15809	4.3	3
20	Novel self-assembled microstructures made from Dy doped AlN nanosheets: Formation mechanism, photoluminescence and magnetic properties. <i>Applied Surface Science</i> , 2020 , 527, 146825	6.7	3
19	Synthesis, Luminescence Property and Thermal Quenching Investigation of Niobate Phosphors Ba ₃ ZrNb ₄ O ₁₅ :Eu ³⁺ under Multiple Excitations. <i>ECS Journal of Solid State Science and Technology</i> , 2018 , 7, R94-R98	2	3
18	Controllable luminescence and efficient energy transfer investigation of a novel white light emission phosphor CaNaMg(PO) ₃ : Dy, Tm with high thermal stability. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 248, 119181	4.4	3
17	A novel high efficiency and ultra-stable red emitting europium doped pyrophosphate phosphor for multifunctional applications. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 3984-3997	6.8	3
16	Effect of doping Sr ²⁺ on luminescence and abnormal thermal quenching behavior of silicate solid-solution green phosphor Ba ₉ Lu ₂ Si ₆ O ₂₄ :Eu ²⁺ . <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 19923-19931	2.1	3
15	Azaphilone derivatives with anti-inflammatory activity from the mangrove endophytic fungus <i>Penicillium sclerotiorum</i> ZJHJJ-18.. <i>Bioorganic Chemistry</i> , 2022 , 122, 105721	5.1	3
14	Electronic structure and photoluminescence property of a novel white emission phosphor Na ₃ MgZr(PO ₄) ₃ :Dy ³⁺ for warm white light emitting diodes. <i>Chinese Physics B</i> , 2017 , 26, 097801	1.2	2
13	Synthesis, Luminescence Property and Thermal Quenching Investigation of Eulytite-type Orthophosphates Ba ₇ Hf(PO ₄) ₆ :Eu ³⁺ Phosphor. <i>ECS Journal of Solid State Science and Technology</i> , 2019 , 8, R133-R137	2	2
12	A novel single-phased white light emitting phosphor with single Eu ²⁺ doped whitlockite structure. <i>Advanced Powder Technology</i> , 2022 , 33, 103394	4.6	2
11	Strategies from small-area to scalable fabrication for perovskite solar cells. <i>Journal of Energy Chemistry</i> , 2021 , 57, 567-586	12	2
10	Structural design and evolution of a novel Bi ³⁺ -doped narrow-band emission blue phosphor with excellent photoluminescence performance for wide color gamut wLED. <i>Journal of Materials Chemistry C</i> ,	7.1	2
9	Preparation, luminescence and electrons selected energy level transition of Dy ³⁺ in Ba ₇ Hf(PO ₄) ₆ through temperature control. <i>Optical Materials</i> , 2018 , 86, 66-70	3.3	2
8	Novel orange phosphate phosphors Sr ₁₉ Mg ₂ (PO ₄) ₁₄ :Eu ²⁺ : crystal structure, luminescence and thermal quenching property investigation. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 7164-7171	2.1	1
7	Novel synthesis method of YAG: Ce ³⁺ micron-sized powders and its luminescence properties. <i>Materials Chemistry and Physics</i> , 2014 , 147, 351-355	4.4	1
6	The influence on the luminescence properties of Sr _{1.95} Eu _{0.05} Mg _x Si ₅ N ₈ with different Sr/Mg ratios. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 17070-17077	2.1	1
5	Ultrasensitive Pressure-Induced Optical Materials: Europium-Doped Hafnium Silicates with a Khibinskite Structure for Optical Pressure Sensors and WLEDs.. <i>Inorganic Chemistry</i> , 2022 ,	5.1	1
4	Unveiling the origin of performance enhancement of photovoltaic devices by upconversion nanoparticles. <i>Journal of Energy Chemistry</i> , 2022 , 65, 524-531	12	1

- 3 Hydrothermal epitaxy and luminescent properties of LaVO₄:Cu,Eu nanorod array films. *Optical Materials Express*, **2019**, 9, 4228 2.6 ○
- 2 Structure evolution and tunable magneto-optical multifunctional property study of novel Ca₁₈K₃Sc_{1-x}Sm_x(PO₄)₁₄ phosphors. *Journal of the American Ceramic Society*, **2021**, 104, 2655-2668 3.8 ○
- 1 Optical and thermal quenching properties of Al-doped Ba_{1.98}SiO₄:0.02Eu²⁺ phosphor synthesized with different Si₃N₄/SiO₂ ratio. *Journal of Materials Science: Materials in Electronics*, **2019**, 30, 4599-4606^{2.1}