Quanlin Liu

List of Publications by Year
in descending order

278 papers	13,981 citations	18436 62 h-index	26548 107 g-index
283 all docs	283 docs citations	283 times ranked	8215 citing authors

#	Article	IF	Citations
1	Progress in discovery and structural design of color conversion phosphors for LEDs. Progress in Materials Science, 2016, 84, 59-117.	16.0	902
2	Recent developments in the new inorganic solid-state LED phosphors. Dalton Transactions, 2016, 45, 11214-11232.	1.6	488
3	Eu²⁺ Site Preferences in the Mixed Cation K₂BaCa(PO₄)₂ and Thermally Stable Luminescence. Journal of the American Chemical Society, 2018, 140, 9730-9736.	6.6	428
4	Nextâ€Generation Narrowâ€Band Greenâ€Emitting RbLi(Li₃SiO₄)₂:Eu²⁺ Phosphor for Backlight Display Application. Advanced Materials, 2018, 30, e1802489.	11.1	407
5	Emerging ultra-narrow-band cyan-emitting phosphor for white LEDs with enhanced color rendition. Light: Science and Applications, 2019, 8, 38.	7.7	369
6	Composition design, optical gap and stability investigations of lead-free halide double perovskite Cs₂AgInCl₆. Journal of Materials Chemistry A, 2017, 5, 15031-15037.	5.2	319
7	Chemical Unit Cosubstitution and Tuning of Photoluminescence in the Ca₂(Al_{1â€“<i>x</i>}Mg_{<i>x</i>})(Al_{1â€“<i>x</i>}Si_{1+<i>x</i>})O<sub>7 Phosphor. Journal of the American Chemical Society, 2015, 137, 12494-12497.	6.6	310
8	Laser-Ablation Growth and Optical Properties of Wide and Long Single-Crystal SnO2 Ribbons. Advanced Functional Materials, 2003, 13, 493-496.	7.8	301
9	Postsynthetic Surface Trap Removal of CsPbX₃ (X = Cl, Br, or I) Quantum Dots via a ZnX₂/Hexane Solution toward an Enhanced Luminescence Quantum Yield. Chemistry of Materials, 2018, 30, 8546-8554.	3.2	267
10	Design Optimization of Lead-Free Perovskite Cs₂AgInCl₆:Bi Nanocrystals with 11.4% Photoluminescence Quantum Yield. Chemistry of Materials, 2019, 31, 3333-3339.	3.2	225
11	Double perovskite Cs₂AgInCl₆:Cr³⁺: broadband and near-infrared luminescent materials. Inorganic Chemistry Frontiers, 2019, 6, 3621-3628.	3.0	209
12	Recent advances in solid-state LED phosphors with thermally stable luminescence. Journal of Rare Earths, 2019, 37, 565-572.	2.5	206
13	Encapsulation of CH₃NH₃PbBr₃ Perovskite Quantum Dots in MOF-5 Microcrystals as a Stable Platform for Temperature and Aqueous Heavy Metal Ion Detection. Inorganic Chemistry, 2018, 57, 4613-4619.	1.9	196
14	Tuning of Photoluminescence and Local Structures of Substituted Cations in <i>x</i>Sr₂Ca(PO₄)₂â€“(1 â€“) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (<i>x</i>)Ca<sub> Materials, 2017, 29, 1430-1438.	3.2	194
15	Luminescent perovskites: recent advances in theory and experiments. Inorganic Chemistry Frontiers, 2019, 6, 2969-3011.	3.0	185
16	Tuning of Photoluminescence by Cation Nanosegregation in the (CaMg)_{<i>x</i>}(NaSc)_{1â€“<i>x</i>}Si₂O₆ Solid Solution. Journal of the American Chemical Society, 2016, 138, 1158-1161.	6.6	167
17	Highly efficient near-infrared phosphor LaMgGa₁₁O₁₉:Cr³⁺. Inorganic Chemistry Frontiers, 2020, 7, 1467-1473.	3.0	166
18	Learning from a Mineral Structure toward an Ultraâ€Narrowâ€Band Blueâ€Emitting Silicate Phosphor RbNa₃(Li₃SiO₄)₄:Eu²⁺. Angewandte Chemie - International Edition, 2018, 57, 11728-11731.	7.2	158

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19	Manipulation of Bi³⁺/In³⁺ Transmutation and Mn²⁺â€Doping Effect on the Structure and Optical Properties of Double Perovskite Cs₂NaBi_{1â€}<i>_x</i>In<i>_x</i>Cl₆. Advanced Optical Materials, 2019, 7, 1801435.	3.6	157
20	CH₃NH₃PbBr₃ Perovskite Nanocrystals Encapsulated in Lanthanide Metalâ€"Organic Frameworks as a Photoluminescence Converter for Anti-Counterfeiting. ACS Applied Materials & Interfaces, 2018, 10, 27875-27884.	4.0	155
21	Li substituent tuning of LED phosphors with enhanced efficiency, tunable photoluminescence, and improved thermal stability. Science Advances, 2019, 5, eaav0363.	4.7	153
22	Synergetic Effect of Postsynthetic Water Treatment on the Enhanced Photoluminescence and Stability of CsPbX₃ (X = Cl, Br, I) Perovskite Nanocrystals. Chemistry of Materials, 2018, 30, 6922-6929.	3.2	152
23	Blue-shift of Eu²⁺emission in (Ba,Sr)₃Lu(PO₄)₃:Eu²⁺eulytite solid-solution phosphors resulting from release of neighbouring-cation-induced stress. Dalton Transactions, 2014, 43, 16800-16804.	1.6	148
24	Polyhedron Transformation toward Stable Narrowâ€Band Green Phosphors for Wideâ€Colorâ€Gamut Liquid Crystal Display. Advanced Functional Materials, 2019, 29, 1901988.	7.8	140
25	Leadâ€Free Perovskite Derivative Cs₂SnCl_{6âˆ’}<i>_x</i>Br<i>_x</i> Single Crystals for Narrowband Photodetectors. Advanced Optical Materials, 2019, 7, 1900139.	3.6	123
26	Structural Confinement toward Giant Enhancement of Red Emission in Mn²⁺â€Based Phosphors. Advanced Functional Materials, 2018, 28, 1804150.	7.8	122
27	Probing Eu²⁺ Luminescence from Different Crystallographic Sites in Ca₁₀M(PO₄)₇:Eu²⁺ (M = Li, Na, and K) with Î²-Ca₃(PO₄)₂-Type Structure. Chemistry of Materials, 2017, 29, 7563-7570.	3.2	120
28	Structural Confinement for Cr³⁺ Activators toward Efficient Near-Infrared Phosphors with Suppressed Concentration Quenching. Chemistry of Materials, 2021, 33, 3621-3630.	3.2	118
29	Highâ€Yield Production of Monolayer FePS₃ Quantum Sheets via Chemical Exfoliation for Efficient Photocatalytic Hydrogen Evolution. Advanced Materials, 2018, 30, e1707433.	11.1	110
30	Discovery of New Narrowâ€Band Phosphors with the UCr₄C₄â€Related Type Structure by Alkali Cation Effect. Advanced Optical Materials, 2019, 7, 1801631.	3.6	109
31	Increased Eu²⁺ Content and Codoping Mn²⁺ Induced Tunable Full-Color Emitting Phosphor Ba_{1.55}Ca_{0.45}SiO₄:Eu²⁺,Mn²⁺. Inorganic Chemistry, 2014, 53, 10386-10393.	1.9	106
32	Learning from a Mineral Structure toward an Ultraâ€Narrowâ€Band Blueâ€Emitting Silicate Phosphor RbNa₃(Li₃SiO₄)₄:Eu²⁺. Angewandte Chemie, 2018, 130, 11902-11905.	1.6	106
33	Gallium Nitride Nanotubes by the Conversion of Gallium Oxide Nanotubes. Angewandte Chemie - International Edition, 2003, 42, 3493-3497.	7.2	93
34	Structure and magnetic properties of Mn-doped ZnO nanoparticles. Journal of Applied Physics, 2005, 97, 086106.	1.1	93
35	High Br^{â€"} Content CsPb(Cl_{<i>y</i>}Br_{1â€"<i>y</i>})₃ Perovskite Nanocrystals with Strong Mn²⁺ Emission through Diverse Cation/Anion Exchange Engineering. ACS Applied Materials & Interfaces, 2018, 10, 11739-11746.	4.0	92
36	Tuning luminescence from NIR-I to NIR-II in Cr³⁺-doped olivine phosphors for nondestructive analysis. Journal of Materials Chemistry C, 2021, 9, 5469-5477.	2.7	92

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37	Two-Dimensional-Layered Perovskite ALaTa₂O₇:Bi³⁺ (A = K and Na) Phosphors with Versatile Structures and Tunable Photoluminescence. ACS Applied Materials & Interfaces, 2018, 10, 24648-24655.	4.0	91
38	Structure, Crystallographic Sites, and Tunable Luminescence Properties of Eu²⁺ and Ce³⁺/Li⁺-Activated Ca_{1.65}Sr_{0.35}SiO₄ Phosphors. Inorganic Chemistry, 2015, 54, 7684-7691.	1.9	90
39	Photoluminescence Tuning in Stretchable PDMS Film Grafted Doped Core/Multishell Quantum Dots for Anticounterfeiting. Advanced Functional Materials, 2017, 27, 1700051.	7.8	89
40	Crystal Structure and Photoluminescence Evolution of La₅(Si_{2+<i>x</i>}B_{1â€“<i>x</i>})(O_{13â€“<i>x</i>}N_{<i>x</i>})Ce<sup>3 Solid Solution Phosphors. Journal of Physical Chemistry C, 2015, 119, 9488-9495.	1.5	87
41	Synthesis, Crystal Structure, and Enhanced Luminescence of Garnetâ€Type Ca₃Ga₂Ge₃O₁₂:Cr³⁺ by Codoping Bi³⁺. Journal of the American Ceramic Society, 2015, 98, 1870-1876.	1.9	86
42	Efficient broadband near-infrared phosphor Sr2ScSbO6:Cr3+ for solar-like lighting. Science China Materials, 2022, 65, 748-756.	3.5	85
43	Crystal field splitting of 4fnâ^'15d-levels of Ce3+ and Eu2+ in nitride compounds. Journal of Luminescence, 2018, 194, 461-466.	1.5	81
44	Lead-Free Broadband Orange-Emitting Zero-Dimensional Hybrid (PMA)₃InBr₆ with Direct Band Gap. Inorganic Chemistry, 2019, 58, 15602-15609.	1.9	81
45	Efficient nearâ€infrared pyroxene phosphor LiInGe₂O₆:Cr³⁺ for NIR spectroscopy application. Journal of the American Ceramic Society, 2021, 104, 4577-4584.	1.9	81
46	Blue emission and Raman scattering spectrum from AlN nanocrystalline powders. Journal of Crystal Growth, 2000, 213, 198-202.	0.7	79
47	Temperature and Eu²⁺-Doping Induced Phase Selection in NaAlSiO₄ Polymorphs and the Controlled Yellow/Blue Emission. Chemistry of Materials, 2017, 29, 6552-6559.	3.2	79
48	Near UV-pumped yellow-emitting Sr9MgLi(PO4)7:Eu2+ phosphor for white-light LEDs. Science China Materials, 2018, 61, 985-992.	3.5	79
49	Effects of the doping element on crystal structure and magnetic properties of Sm(Co,M)7 compounds (M=Si, Cu, Ti, Zr, and Hf). Intermetallics, 2005, 13, 710-716.	1.8	77
50	Optical properties of Mn²⁺ doped cesium lead halide perovskite nanocrystals via a cationâ€“anion co-substitution exchange reaction. Journal of Materials Chemistry C, 2017, 5, 9281-9287.	2.7	76
51	Synthesis and photoluminescence of Eu-doped ZnO microrods prepared by hydrothermal method. Optical Materials, 2009, 31, 1502-1505.	1.7	75
52	Pure red upconversion luminescence and optical thermometry of Er³⁺ doped sensitizer-rich SrYbInO₄ phosphors. Journal of Materials Chemistry C, 2018, 6, 7361-7366.	2.7	75
53	Crystal structure and magnetic properties of SmCo5.85Si0.90 compound. Applied Physics Letters, 2004, 84, 3094-3096.	1.5	74
54	A broadband near-infrared phosphor Ca3Y2Ge3O12:Cr3+ with garnet structure. Journal of Alloys and Compounds, 2021, 863, 158699.	2.8	71

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55	Site engineering strategy toward enhanced luminescence thermostability of a Cr³⁺-doped broadband NIR phosphor and its application. Materials Chemistry Frontiers, 2021, 5, 3841-3849.	3.2	71
56	Structure and luminescence properties of Eu²⁺ doped Lu_xSr_{2âˆ’x}SiN_xO_{4âˆ’x} phosphors evolved from chemical unit cosubstitution. Journal of Materials Chemistry C, 2016, 4, 1336-1344.	2.7	69
57	Crystal structure and luminescence properties of lead-free metal halides (C₆H₅CH₂NH₃)₃MBr₆ (M = Bi) Tj ETQq1 1 0.784314 rg	2.7	68
58	Tolerance factor and phase stability of the garnet structure. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1353-1358.	0.2	67
59	Structural construction and photoluminescence tuning <i>via</i> energy transfer in apatite-type solid-state phosphors. Journal of Materials Chemistry C, 2018, 6, 4371-4383.	2.7	65
60	Synthesis and Luminescence Properties of CsPbX₃@Uio-67 Composites toward Stable Photoluminescence Convertors. Inorganic Chemistry, 2019, 58, 1690-1696.	1.9	65
61	Synthesis of YAG phosphor particles with excellent morphology by solid state reaction. Journal of Crystal Growth, 2013, 365, 24-28.	0.7	64
62	Effect of Al/Si substitution on the structure and luminescence properties of CaSrSiO4:Ce3+ phosphors: analysis based on the polyhedra distortion. Journal of Materials Chemistry C, 2015, 3, 4616-4622.	2.7	64
63	Engineering oxygen vacancies towards self-activated BaLuAl_xZn_{4âˆ’x}O_{7âˆ’(1âˆ’x)/2}photoluminescent materials: an experimental and theoretical analysis. Physical Chemistry Chemical Physics, 2015, 17, 31188-31194.	1.3	64
64	New Boron Nitride Whiskers:Â Showing Strong Ultraviolet and Visible Light Luminescence. Journal of Physical Chemistry B, 2004, 108, 6193-6196.	1.2	63
65	The synthesis of narrow-band red-emitting SrLiAl₃N₄:Eu²⁺phosphor and improvement of its luminescence properties. Journal of Materials Chemistry C, 2016, 4, 7332-7338.	2.7	63
66	Luminescence properties and energy transfer of Ce³⁺/Tb³⁺ co-doped Ca₆Ba(PO₄)₄O phosphor for near-UV pumped light-emitting diodes. Journal of Materials Chemistry C, 2015, 3, 4197-4204.	2.7	61
67	Evolution of Structure and Photoluminescence by Cation Cosubstitution in Eu²⁺-Doped (Ca_{1â€“<i>x</i>}Li_{<i>x</i>})(Al_{1â€“<i>x</i>}Si_{1+x})N₃ Solid Solutions. Inorganic Chemistry, 2016, 55, 2929-2933.	1.9	61
68	Broadband Photoluminescence in 2D Organicâ€“Inorganic Hybrid Perovskites: (C₇H₁₈N₂)PbBr₄ and (C₉H₂₂N₂)PbBr₄. Journal of Physical Chemistry Letters, 2020, 11, 2934-2940.	2.1	61
69	Synthesis, structure and luminescence properties of new chloro-germanate phosphors Ca₃GeO₄Cl₂:Eu²⁺. Dalton Transactions, 2014, 43, 13370.	1.6	60
70	Structural phase transitions and photoluminescence properties of Eu³⁺ doped Ca_(2âˆ’x)Ba_xLaNbO₆ phosphors. Dalton Transactions, 2015, 44, 18536-18543.	1.6	58
71	Full color control and white emission from CaZnOS:Ce³⁺,Na⁺,Mn²⁺ phosphors via energy transfer. Journal of Materials Chemistry C, 2016, 4, 9711-9716.	2.7	58
72	Crystal Structure and Thermal Decomposition Studies of Barium Borophosphate, BaBPO5. Journal of Solid State Chemistry, 1998, 135, 43-51.	1.4	57

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73	Crystal structure and magnetic properties of SmCo7âˆ’xHfx compounds. Applied Physics Letters, 2004, 85, 5299-5301.	1.5	57
74	Luminescence Tuning, Thermal Quenching, and Electronic Structure of Narrow-Band Red-Emitting Nitride Phosphors. Inorganic Chemistry, 2017, 56, 11837-11844.	1.9	56
75	The red persistent luminescence of (Sr,Ca)AlSiN3:Eu2+ and mechanism different to SrAl2O4:Eu2+,Dy3+. Journal of Luminescence, 2019, 208, 313-321.	1.5	55
76	A Thermodynamically Stable Nanophase Material. Journal of the American Chemical Society, 2006, 128, 6126-6131.	6.6	52
77	Enhanced Persistence Properties through Modifying the Trap Depth and Density in Y₃Al₂Ga₃O₁₂:Ce³⁺,Yb³⁺ Phosphor by Co-doping B³⁺. Inorganic Chemistry, 2019, 58, 1684-1689.	1.9	49
78	Optical spectra of Ln3+(Nd3+, Sm3+, Dy3+, Ho3+, Er3+)-doped Y3GaO6. Journal of Luminescence, 2005, 111, 61-68.	1.5	47
79	Synthesis, structure and luminescence of LaSi3N5:Ce3+ phosphor. Journal of Luminescence, 2009, 129, 165-168.	1.5	47
80	Efficient Photocatalytic Hydrogen Evolution via Band Alignment Tailoring: Controllable Transition from Typeâ€I to Typeâ€II. Small, 2017, 13, 1702163.	5.2	47
81	Structural Confinement toward Controlling Energy Transfer Path for Enhancing Near-Infrared Luminescence. Chemistry of Materials, 2021, 33, 8360-8366.	3.2	47
82	Insight into the Relationship between Crystal Structure and Crystal-Field Splitting of Ce³⁺ Doped Garnet Compounds. Journal of Physical Chemistry C, 2018, 122, 3567-3574.	1.5	46
83	Relationship of Stokes shift with composition and structure in Ce3+/Eu2+-doped inorganic compounds. Journal of Luminescence, 2019, 212, 250-263.	1.5	46
84	Sunlight-activated yellow long persistent luminescence from Nb-doped Sr₃SiO₅:Eu²⁺ for warm-color mark applications. Journal of Materials Chemistry C, 2020, 8, 1143-1150.	2.7	46
85	Near-Infrared Luminescence and Color Tunable Chromophores Based on Cr³⁺-Doped Mullite-Type Bi₂(Ga,Al)₄O₉ Solid Solutions. Inorganic Chemistry, 2015, 54, 1876-1882.	1.9	45
86	After-glow, luminescent thermal quenching, and energy band structure of Ce-doped yttrium aluminum-gallium garnets. Journal of Luminescence, 2017, 192, 1278-1287.	1.5	44
87	Microwave solid state synthesis and luminescence properties of green-emitting Gd2O2S:Tb3+ phosphor. Optical Materials, 2015, 42, 11-16.	1.7	43
88	Consequence of Optimal Bonding on Disordered Structure and Improved Luminescence Properties in T-Phase (Ba,Ca)₂SiO₄:Eu²⁺ Phosphor. Inorganic Chemistry, 2018, 57, 4146-4154.	1.9	43
89	An investigation of Eu2+-doped CaAlSiN3 fabricated by an alloy-nitridation method. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 1596-1604.	1.7	42
90	Relationship of 5d-level energies of Ce3+ with the structure and composition of nitride hosts. Journal of Luminescence, 2015, 166, 106-110.	1.5	42

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91	Relationship between thermal quenching of Eu2+ luminescence and cation ordering in (Ba1â^'Sr) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.5	42
92	Effects of full-range Eu concentration on Sr2-2xEu2xSi5N8 phosphors: AÂdeep-red emission and luminescent thermal quenching. Journal of Alloys and Compounds, 2019, 770, 1069-1077.	2.8	41
93	5d-level centroid shift and coordination number of Ce3+ in nitride compounds. Journal of Luminescence, 2018, 200, 35-42.	1.5	40
94	Green persistent luminescence and the electronic structure of Î²-Sialon:Eu²⁺. Journal of Materials Chemistry C, 2019, 7, 12544-12551.	2.7	38
95	Structure and magneto-history behavior of DyNi2Mn. Solid State Communications, 2002, 121, 615-618.	0.9	37
96	A plasma sputtering decoration route to producing thickness-tunable ZnO/ TiO2core/shell nanorod arrays. Nanotechnology, 2009, 20, 285311.	1.3	36
97	Insights into Ba₄Si₆O₁₆ structure and photoluminescence tuning of Ba₄Si₆O₁₆:Ce³⁺,Eu²⁺ phosphors. Journal of Materials Chemistry C, 2015, 3, 12477-12483.	2.7	36
98	Broad Photoluminescence and Second-Harmonic Generation in the Noncentrosymmetric Organicâ€"Inorganic Hybrid Halide (C₆H₅(CH₂)₄NH₃)₄MX₇Â·H₂O (M = Bi, In, X = Br or I). Chemistry of Materials, 2021, 33, 8106-8111.	3.2	36
99	Crystallographic control for Cr⁴⁺ activators toward efficient NIR-II luminescence. Inorganic Chemistry Frontiers, 2022, 9, 1912-1919.	3.0	36
100	Structural Phase Transformation and Luminescent Properties of Ca_{2â€"<i>x</i>}Sr_{<i>x</i>}SiO₄:Ce³⁺ Orthosilicate Phosphors. Inorganic Chemistry, 2015, 54, 11369-11376.	1.9	35
101	Zero-Dimensional Lead-Free Halide with Indirect Optical Gap and Enhanced Photoluminescence by Sb Doping. Journal of Physical Chemistry Letters, 2022, 13, 198-207.	2.1	35
102	Effects of Cu on crystallographic and magnetic properties of Sm(Co,Cu)7. Journal of Physics Condensed Matter, 2003, 15, 5621-5628.	0.7	34
103	Synthesis, structure and tunable red emissions of Ca(Al/Si)2N2(N1â^'xOx):Eu2+prepared by alloy-nitridation method. Journal of Luminescence, 2013, 137, 173-179.	1.5	34
104	New insight into the crystal structure of Sr₄Ca(PO₄)₂SiO₄ and the photoluminescence tuning of Sr₄Ca(PO₄)₂SiO₄:Ce³⁺,Na⁺,Eu²⁺ phosphors. Journal of Materials Chemistry C, 2016, 4, 9078-9084.	2.7	33
105	Infrared-photostimulable and long-persistent ultraviolet-emitting phosphor LiLuGeO₄:Bi³⁺,Yb³⁺ for biophotonic applications. Materials Chemistry Frontiers, 2021, 5, 1468-1476.	3.2	33
106	New Insight into Phase Formation of MxMg2Al4+xSi5â^'xO18:Eu2+ Solid Solution Phosphors and Its Luminescence Properties. Scientific Reports, 2015, 5, 12149.	1.6	31
107	Control of Luminescence in Eu²⁺-Doped Orthosilicate-Orthophosphate Phosphors by Chainlike Polyhedra and Electronic Structures. Inorganic Chemistry, 2018, 57, 609-616.	1.9	30
108	Red persistent and photostimulable phosphor SrLiAl₃N₄:Eu²⁺. Journal of Materials Chemistry C, 2020, 8, 4956-4964.	2.7	30

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109	Au plasmonics in a WS2-Au-CuInS2 photocatalyst for significantly enhanced hydrogen generation. Applied Physics Letters, 2015, 107, .	1.5	29
110	UV-Red Light-Chargeable Near-Infrared-Persistent Phosphors and Their Applications. ACS Applied Materials & Interfaces, 2022, 14, 1496-1504.	4.0	29
111	Crystal structure refinement and luminescence properties of blue-green-emitting CaSrAl₂SiO₇:Ce³⁺,Li⁺,Eu²⁺ phosphors. Journal of Materials Chemistry C, 2015, 3, 8322-8328.	2.7	28
112	Synthesis, up-conversion luminescence and thermometry of Yb³⁺/Er³⁺ co-doped La_{2.4}Mo_{1.6}O₈ phosphors. Dalton Transactions, 2016, 45, 16240-16245.	1.6	28
113	Color-Tunable Persistent Luminescence of Ca₁₀M(PO₄)₇:Eu²⁺ (M = Li, Na, and K) with a Î²-Ca₃(PO₄)₂-Type Structure. Inorganic Chemistry, 2021, 60, 3952-3960.	1.9	28
114	Enhanced Yellow Persistent Luminescence in Sr₃SiO₅:Eu²⁺ through Ge Incorporation. Inorganic Chemistry, 2019, 58, 8694-8701.	1.9	27
115	Broadband deepâ€redâ€toâ€nearâ€infrared emission from Mn²⁺ in strong crystalâ€field of nitride MgAlSiN₃. Journal of the American Ceramic Society, 2020, 103, 6793-6800.	1.9	27
116	Effect of growth temperature on morphology, structure and luminescence of Eu-doped GaN thin films. Applied Physics Letters, 2004, 85, 4890-4892.	1.5	26
117	Photoluminescence properties of Y5Si3O12N:Ce3+ blue-emitting phosphors for white LED. Journal of Alloys and Compounds, 2012, 521, 77-82.	2.8	26
118	Stability of divalent/trivalent oxidation state of europium in some Sr-based inorganic compounds. Journal of Luminescence, 2012, 132, 1768-1773.	1.5	26
119	Crystal structure and near-ultraviolet photoluminescence properties of Ba9Sc2Si6O24:Ce3+,Na+. Journal of Luminescence, 2013, 137, 168-172.	1.5	26
120	Insight into the preparation and luminescence properties of yellow-green-emitting [(Sr,Ba)₃AlO₄Fâ€“Sr₃SiO₅]:Ce³⁺ solid solution phosphors. Journal of Materials Chemistry C, 2017, 5, 3176-3182.	2.7	26
121	Enhanced performance of Sr2Si5N8: Eu2+ red afterglow phosphor by co-doping with boron and oxygen. Journal of Luminescence, 2018, 204, 36-40.	1.5	26
122	Unraveling the mechanochemical synthesis and luminescence in MnII-based two-dimensional hybrid perovskite (C4H9NH3)2PbCl4. Science China Materials, 2019, 62, 1013-1022.	3.5	26
123	Efficiency-Tunable Single-Component White-Light Emission Realized in Hybrid Halides Through Metal Co-Occupation. ACS Applied Materials & Interfaces, 2021, 13, 29835-29842.	4.0	26
124	Green emission from c-axis oriented AlN nanorods doped with Tb. Applied Physics Letters, 2003, 83, 4939-4941.	1.5	25
125	Photoluminescence tuning via energy transfer in Eu-doped Ba2(Gd,Tb)2Si4O13 solid-solution phosphors. RSC Advances, 2016, 6, 2046-2054.	1.7	25
126	Effects of Neighboring Polyhedron Competition on the 5d Level of Ce³⁺ in Lanthanide Garnets. Journal of Physical Chemistry C, 2019, 123, 8656-8662.	1.5	25

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127	Visible emission from N-rich turbostratic boron nitride thin films doped with Eu, Tb, and Tm. Applied Physics Letters, 2002, 81, 3948-3950.	1.5	24
128	Effects of replacement of AlO+ for SiN+ on the structure and optical properties of Sr2Si5N8:Eu2+phosphors. Journal of Luminescence, 2014, 147, 173-178.	1.5	24
129	Improved optical photoluminescence by charge compensation and luminescence tuning in Ca₆Ba(PO₄)₄O:Ce³⁺, Eu²⁺phosphors. CrystEngComm, 2015, 17, 8632-8638.	1.3	24
130	Controllable Synthesis and Optical Properties of ZnS:Mn²⁺/ZnS/ZnS:Cu²⁺/ZnS Core/Multishell Quantum Dots toward Efficient White Light Emission. ACS Applied Materials & Interfaces, 2017, 9, 9833-9839.	4.0	24
131	Tolerance Factor and Phase Stability of the Normal Spinel Structure. Crystal Growth and Design, 2020, 20, 2014-2018.	1.4	24
132	Tolerance factor, phase stability and orderâ€“disorder of the pyrochlore structure. Inorganic Chemistry Frontiers, 2020, 7, 1583-1590.	3.0	24
133	Orange super-long persistent luminescent materials: (Sr_{1âˆ’x}Ba_x)₃SiO₅:Eu²⁺,Nb⁵⁺. Materials Chemistry Frontiers, 2021, 5, 333-340.	3.2	23
134	Ligand Control of Structural Diversity in Luminescent Hybrid Copper(I) Iodides. Chemistry of Materials, 2022, 34, 3206-3216.	3.2	23
135	Effects of hydrogen annealing on the structural, optical and electrical properties of indium-doped zinc oxide films. Journal of Materials Science: Materials in Electronics, 2010, 21, 1221-1227.	1.1	22
136	The crystal structure and luminescence of phosphor Ba9Sc2Si6O24:Eu2+,Mn2+ for white light emitting diode. Materials Research Bulletin, 2015, 64, 279-282.	2.7	22
137	Effect of Gd/La substitution on the phase structures and luminescence properties of (La,Gd)Sr₂AlO₅:Ce³⁺ solid solution phosphors. Journal of Materials Chemistry C, 2015, 3, 11629-11634.	2.7	22
138	Physical properties and growth kinetics of co-sputtered indium-zinc oxide films. Semiconductor Science and Technology, 2009, 24, 095019.	1.0	21
139	Crystal structure and photoluminescence properties of (Y1âˆ’xCex)4Si2O7N2. Optical Materials, 2010, 33, 91-98.	1.7	21
140	A red oxide phosphor, Sr ₂ ScAlO ₅ :Eu ²⁺ with perovskite-type structure, for white light-emitting diodes. Chinese Physics B, 2010, 19, 127808.	0.7	21
141	Crystal structure and photoluminescence of (La1âˆ’xCex)5Si3O12N. Journal of Alloys and Compounds, 2011, 509, 2099-2104.	2.8	21
142	Crystal structure and photoluminescence of (Ba1âˆ’xâˆ’ySryEux)9Sc2Si6O24. Journal of Luminescence, 2012, 132, 2541-2545.	1.5	21
143	Sensitized intense near-infrared downconversion quantum cutting three-photon luminescence phenomena of the Tm^3+ ion activator in Tm^3+Bi^3+:YNbO_4 powder phosphor. Optics Express, 2015, 23, A51.	1.7	21
144	Synthesis and energy transfer studies of LaMgAl11O19:Cr3+, Nd3+ phosphors. Materials Research Bulletin, 2016, 74, 9-14.	2.7	21

#	Article	IF	Citations
145	Synthesis, structure and luminescence of SrLiAl3N4:Ce3+ phosphor. Journal of Luminescence, 2018, 199, 271-277.	1.5	21
146	Novel rare-earth borosilicide RE1â^’xB12Si3.3â^’Î´ (RE=Y, Gdâ€“Lu) (0â©½xâ©½0.5, Î´â‰ˆ0.3): synthesis, crystal growth, structure analysis and properties. Journal of Solid State Chemistry, 2003, 170, 75-81.	1.4	20
147	Structures of the Î¶ and Î¶â€² phases in the Agâ€“Ga system. Journal of Alloys and Compounds, 2005, 399, 155-159.	2.8	20
148	Thermodynamic assessment of the Agâ€“Ga system. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2006, 30, 316-322.	0.7	20
149	Optimization of light efficacy and angular color uniformity by hybrid phosphor particle size for white light-emitting diode. Rare Metals, 2014, 33, 348-352.	3.6	20
150	Carbon dots decorated vertical SnS2 nanosheets for efficient photocatalytic oxygen evolution. Applied Physics Letters, 2016, 109, .	1.5	20
151	Hybrid Metalâ€Halide Infrared Nonlinear Optical Crystals of (TMEDA)MI₅ (M = Sb, Bi) with High Stability. Advanced Optical Materials, 2021, 9, 2101333.	3.6	20
152	Characterization and photoluminescence of AlN:Eu films. Optical Materials, 2006, 28, 1029-1036.	1.7	19
153	Ethylenediamine-Assisted Hydrothermal Synthesis of NaCaSiO₃OH: Controlled Morphology, Mechanism, and Luminescence Properties by Doping Eu³⁺/Tb³⁺. Inorganic Chemistry, 2016, 55, 11316-11322.	1.9	19
154	Charge Transfer, Local Structure, and the Inductive Effect in Rare-Earth-Doped Inorganic Solids. Inorganic Chemistry, 2018, 57, 12376-12383.	1.9	19
155	Crystallographic and magnetic properties of intermetallic compound Nd3Co13B2. Applied Physics Letters, 1999, 74, 856-858.	1.5	18
156	Crystal structure and photoluminescence of Tb3+ doped Y3GaO6. Journal of Alloys and Compounds, 2006, 425, 278-283.	2.8	18
157	Two-Step Synthesis and Surface Modification of CaZnOS:Mn2+ Phosphors and the Fabrication of a Luminescent Poly(dimethylsiloxane) Film. Inorganic Chemistry, 2018, 57, 1670-1675.	1.9	18
158	Structure and photoluminescence properties of Ca_{0.99â^’}<scp>_{<i>x</i>}S</scp>r_{<i>x</i>}AlSiN₃:0.01Ce³⁺ solid solutions. Journal of the American Ceramic Society, 2019, 102, 4648-4658.	1.9	18
159	Broadband light emitting zero-dimensional antimony and bismuth-based hybrid halides with diverse structures. Journal of Materials Chemistry C, 2021, 9, 15942-15948.	2.7	18
160	Novel Cr3+-activated far-red emitting phosphors with Î²-Ca3(PO4)2-type structure for indoor plant cultivation. International Journal of Minerals, Metallurgy and Materials, 2022, 29, 1286-1294.	2.4	18
161	Structure and uniaxial magnetocrystalline anisotropy of intermetallic compounds La2Co17â^’xTix. Applied Physics Letters, 1997, 71, 1869-1871.	1.5	17
162	Crystal structure of new rare-earth boron-rich solids: REB28.5C4. Journal of Alloys and Compounds, 2001, 329, 168-172.	2.8	17

#	Article	IF	Citations
163	Green emission from B2N2CO thin films doped with Tb. Applied Physics Letters, 2002, 81, 34-36.	1.5	17
164	Photoluminescence properties of Ce3+ doped YSiO2N blue-emitting phosphors. Journal of Rare Earths, 2012, 30, 851-855.	2.5	17
165	Multiphoton near-infrared quantum cutting luminescence phenomena of Tm^3+ ion in (Y_1-xTm_x)_3Al_5O_12 powder phosphor. Optics Express, 2013, 21, A829.	1.7	17
166	High-efficiency red photoluminescence achieved by antimony doping in organicâ€"inorganic halide (C₁₁H₂₄N₂)₂[InBr₆][InBr₄]. Journal of Materials Chemistry C, 2022, 10, 5905-5913.	2.7	17
167	Syntheses and magnetic properties of Rm+nCo5m+3nB2ncompounds. Journal of Physics Condensed Matter, 1999, 11, 8251-8261.	0.7	16
168	Phase equilibria in the ternary system Prâ€"Coâ€"B. Journal of Alloys and Compounds, 1999, 289, 96-98.	2.8	16
169	Visible and infrared emissions from c-axis oriented AlN:Er films grown by magnetron sputtering. Journal of Applied Physics, 2006, 99, 053515.	1.1	16
170	Construction of CuInS₂/Ag sensitized ZnO nanowire arrays for efficient hydrogen generation. RSC Advances, 2015, 5, 81723-81727.	1.7	16
171	Improvement of red-emitting afterglow properties via tuning electronic structure in perovskite-type (Ca1-Na) [Ti1-Nb] O3: Pr3+ compounds. Journal of Alloys and Compounds, 2017, 729, 663-670.	2.8	16
172	Moisture-induced degradation of the narrow-band red-emitting SrLiAl3N4:Eu2+ phosphor. Journal of Rare Earths, 2018, 36, 341-345.	2.5	16
173	Crystal structure and magnetic properties of Gd3(Fe1-x-yCoyTix)29compounds. Journal of Physics Condensed Matter, 2000, 12, 1161-1170.	0.7	15
174	Phase relation in the system Smâ€"Coâ€"B. Journal of Alloys and Compounds, 2000, 305, 216-218.	2.8	15
175	The ternary system Tm2O3â€"SrOâ€"CuO: compounds and phase relations. Journal of Alloys and Compounds, 2000, 309, 95-99.	2.8	15
176	Phase relation in the system Gdâ€"Coâ€"B. Journal of Alloys and Compounds, 2000, 296, L1-L3.	2.8	15
177	Phase Relation, Crystal Structures, and Magnetic Properties of Ndâ^'Coâ^'B Borides. Chemistry of Materials, 2000, 12, 1240-1247.	3.2	15
178	Low content indium-doped zinc oxide films with tunable work function fabricated through magnetron sputtering. Semiconductor Science and Technology, 2010, 25, 045008.	1.0	15
179	The Synthesis and Luminescence Properties of a Red Phosphor Material (Ca_{1â^'x}Eu_x)₃Al₂O₆. Journal of the Electrochemical Society, 2011, 158, H671-H674.	1.3	15
180	Crystal structure and photoluminescence of (Y1â^'xCex)2Si3O3N4. Journal of Luminescence, 2011, 131, 336-341.	1.5	15

#	Article	IF	Citations
181	An investigation of crystal chemistry and luminescence properties of Eu-doped pure-nitride Î±â€“sialon fabricated by the alloy-nitridation method. Journal of Luminescence, 2012, 132, 2390-2397.	1.5	15
182	Two-photon, three-photon, and four-photon excellent near-infrared quantum cutting luminescence of Tm3+ ion activator emerged in Tm3+:YNbO4 powder phosphor one material simultaneously. Physica B: Condensed Matter, 2015, 479, 159-164.	1.3	15
183	Crystal structures, phase transitions and thermal expansion properties of NaZr₂(PO₄)₃â€“SrZr₄(PO₄)₆ solid solutions. Inorganic Chemistry Frontiers, 2018, 5, 619-625.	3.0	15
184	The ternary system neodymiumâ€“cobaltâ€“boron. Journal of Alloys and Compounds, 1999, 288, 170-172.	2.8	14
185	Synthesis and thermoelectric properties of Mn-doped AgSbTe 2 compounds. Chinese Physics B, 2012, 21, 106101.	0.7	14
186	Synthesis and luminescence properties of europium activated Ca3Al2O6-Sr3Al2O6 system. Journal of Rare Earths, 2012, 30, 632-636.	2.5	14
187	Phase separation and thermoelectric properties of Ag2Te-doped PbTe0.9S0.1. Acta Materialia, 2012, 60, 7241-7248.	3.8	14
188	Thermochromic material Sr2SiO4:Eu2+ based on displacive transformation. Journal of Luminescence, 2014, 152, 199-202.	1.5	14
189	Subsolidus phase relations in the Co-rich region of the Laâ€“Coâ€“Ti system. Journal of Alloys and Compounds, 2000, 307, 212-214.	2.8	13
190	Formation of completely miscible solid-solution Gd5(Si1â^'xGex)4 induced by ferromagnetic exchange interaction. Journal of Alloys and Compounds, 2001, 325, 50-53.	2.8	13
191	Correlation between the energy level structure of cerium-doped yttrium aluminum garnet and luminescent behavior at varying temperatures. Materials Research Express, 2016, 3, 055501.	0.8	13
192	Luminescent thermal stability and electronic structure of narrow-band green-emitting Sr-Sialon:Eu2+ phosphors for LED/LCD backlights. Journal of Alloys and Compounds, 2019, 805, 1246-1253.	2.8	13
193	Yellow persistent luminescence and electronic structure of Ca-Î±-Sialon: Eu2+. Journal of Alloys and Compounds, 2020, 821, 153482.	2.8	13
194	Light-Emitting 0D Hybrid Metal Halide (C₃H₁₂N₂)₂Sb₂Cl₁₀ with Antimony Dimers. Inorganic Chemistry, 2021, 60, 11429-11434.	1.9	13
195	The ternary system Sm2O3â€“SrOâ€“CuO: compounds and phase relations. Journal of Alloys and Compounds, 2001, 314, 301-304.	2.8	12
196	The Ternary System Eu2O3â€“SrOâ€“CuO: Compounds and Phase Relations. Journal of Solid State Chemistry, 2001, 156, 247-250.	1.4	12
197	Effect of Co substitution on superconductivity and magnetic order in RuSr2GdCu2O8. Physica C: Superconductivity and Its Applications, 2004, 403, 177-182.	0.6	12
198	Optical properties of (Y1â^'xTmx)3GaO6 and subsolidus phase relation of Y2O3â€“Ga2O3â€“Tm2O3. Journal of Solid State Chemistry, 2005, 178, 1064-1070.	1.4	12

#	Article	IF	Citations
199	Phase relations of the Agâ€“Gaâ€“N system. Journal of Alloys and Compounds, 2007, 429, 184-191.	2.8	12
200	Controlled growth of nanostructured III-nitride films via a reactive magnetron sputtering method. Journal of Crystal Growth, 2007, 306, 288-291.	0.7	12
201	Resistive switching in Nb-doped SrZrO3 memory films: An effective approach with a Cu modulation layer. Journal of Alloys and Compounds, 2013, 548, 1-6.	2.8	12
202	Crevice corrosion of copper for radioactive waste packaging material in simulated groundwater. Corrosion Engineering Science and Technology, 2016, 51, 11-17.	0.7	12
203	Insight into the Controlled Synthesis of Cu₂Zn(Ge,Sn)S₄ Nanoparticles with Selective Grain Size. Journal of Physical Chemistry C, 2016, 120, 16969-16976.	1.5	12
204	Reversible Mechanically Induced Onâ€“Off Photoluminescence in Hybrid Metal Halides. Advanced Functional Materials, 2022, 32, .	7.8	12
205	Phase diagram and compounds of the Gd-Fe-Nb ternary alloy system in the Fe-rich corner. Journal of Physics Condensed Matter, 1998, 10, 9183-9188.	0.7	11
206	Gallium Nitride Nanotubes by the Conversion of Gallium Oxide Nanotubes. Angewandte Chemie, 2003, 115, 3617-3621.	1.6	11
207	Effect of polyhedron deformation on the 5d energy level of Ce³⁺in lanthanide aluminum perovskites. Physical Chemistry Chemical Physics, 2019, 21, 2372-2377.	1.3	11
208	Structural Indicator to Characterize the Crystal-Field Splitting of Ce³⁺ in Garnets. Journal of Physical Chemistry C, 2020, 124, 870-873.	1.5	11
209	Decreasing Structural Dimensionality of Double Perovskites for Phase Stabilization toward Efficient X-ray Detection. ACS Applied Materials & Interfaces, 2021, 13, 61447-61453.	4.0	11
210	Phase relations in the Fe-rich region of the Gd-Fe-Ti system at 1373 K. Journal of Alloys and Compounds, 1998, 268, 152-154.	2.8	10
211	Phase stability, crystal structure, and magnetic properties of NdCo7âˆ’xHfx compounds. Physica B: Condensed Matter, 2004, 353, 98-103.	1.3	10
212	Photoluminescence properties of Ce³⁺and Mn²⁺-activated Ba₉Sc₂Si₆O₂₄phosphor for white light emitting diodes. Chinese Physics B, 2013, 22, 077801.	0.7	10
213	Decay Behavior Analysis of Two-Peak Emission in Ca(Al/Si)₂N₂(N_{1-x}O_x):Eu²⁺Phosphors. Journal of the Electrochemical Society, 2014, 161, H25-H28.	1.3	10
214	The Inductive Effect in Nitridosilicates and Oxysilicates and Its Effects on 5d Energy Levels of Ce3+. Inorganic Chemistry, 2018, 57, 2320-2331.	1.9	10
215	Small Organic Molecular-Based Hybrid Halides with High Photoluminescence Quenching Temperature. Inorganic Chemistry, 2022, 61, 7560-7567.	1.9	10
216	A neutron powder diffraction study of the system La2(Co1âˆ’xFex)16Ti for x=0.0, 0.2, and 0.4. Journal of Applied Physics, 1999, 86, 1226-1229.	1.1	9

#	Article	IF	Citations
217	Photoluminescence and characteristics of terbium-doped AlN film prepared by magnetron sputtering. Applied Surface Science, 2005, 245, 391-399.	3.1	9
218	Subsolidus phase relations in the ternary system SnO2â€“TiO2â€“Y2O3. Journal of Alloys and Compounds, 2008, 455, 265-268.	2.8	9
219	Synthesis and color-tunable emission studies of Y2Si3O3N4:Ce3+,Tb3+ phosphors. Ceramics International, 2015, 41, 12633-12637.	2.3	9
220	Antimony doping to enhance luminescence of tin(<scp>iv</scp>)-based hybrid metal halides. Inorganic Chemistry Frontiers, 2022, 9, 3865-3873.	3.0	9
221	Synthesis, structure, and magnetic properties ofPr5Co19B6. Physical Review B, 2000, 61, 3502-3507.	1.1	8
222	Tunable Luminescence in Hybrid Cu(I) and Ag(I) Iodides. Inorganic Chemistry, 2020, 59, 15487-15494.	1.9	8
223	Understanding the abnormal lack of spectral shift with cation substitution in highly efficient phosphor La₃Si₆N₁₁:Ce³⁺. Physical Chemistry Chemical Physics, 2020, 22, 14162-14168.	1.3	8
224	Crystal-field splitting of Ce3+ in narrow-band phosphor SrLiAl3N4. Journal of Rare Earths, 2021, 39, 386-389.	2.5	8
225	Selecting nitride host for Yb3+ toward near-infrared emission with low-energy charge transfer band. Journal of Rare Earths, 2021, 39, 1484-1491.	2.5	8
226	Antimony and bismuth cooperation to enhance the broad yellow photoluminescence of zero-dimensional hybrid halide. Journal of Materials Chemistry C, 2022, 10, 9841-9848.	2.7	8
227	Structure and magnetic properties of intermetallic compounds Gd3(Fe,Nb)29. Journal of Applied Physics, 1999, 85, 6686-6689.	1.1	7
228	Crystal structure and magnetic properties of PrCo6.8ÂxCuxHf0.2compounds. Journal Physics D: Applied Physics, 2004, 37, 1881-1884.	1.3	7
229	Solid solubility and photoluminescence of Y ₃ Al ₅ O ₁₂ :Ce		

#	Article	IF	Citations
235	Crystal structure and magnetic properties of Nd4Ga2O9 and Sm4Ga2O9. Journal of Alloys and Compounds, 2004, 381, 26-31.	2.8	6
236	The crystal structure and luminescent properties of nitrogen-rich Ca-Î±-sialon:Eu with saturated calcium solubility fabricated by the alloy-nitridation method. Chinese Physics B, 2012, 21, 077802.	0.7	6
237	Peak wavelength selection guides of chip and phosphors for phosphor-converted white light-emitting diodes. Rare Metals, 2014, 33, 80-85.	3.6	6
238	Analysis on stability and consistency of intensity measurement of White Light Emitting Diode phosphors. Optik, 2016, 127, 2798-2801.	1.4	6
239	Structure and magnetic properties of intermetallic compounds of the composition Gd3(Fe,Ni)28(Nb,Mo). Journal of Alloys and Compounds, 1999, 291, 239-243.	2.8	5
240	Structure and magnetic properties of intermetallic compounds (La1â[~]’xRx)2Co16Ti (R=Sm, Nd). Journal of Alloys and Compounds, 2000, 297, 33-36.	2.8	5
241	Enhancement of superconducting transition temperature via Ba doping in RuSr2â^’xBaxGdCu2O8â€Š(xâ©½0.1). Journal of Applied Physics, 2004, 95, 1942-1944.	1.1	5
242	Thermodynamic analysis of Mg-doped p-type GaN semiconductor. Journal of Alloys and Compounds, 2006, 422, 279-282.	2.8	5
243	Investigation of corrosion behaviours of high level waste container materials in simulated groundwater in China. Corrosion Engineering Science and Technology, 2014, 49, 480-484.	0.7	5
244	Preparation of ZnO:Eu³⁺ Nanospheres via a Micro-Emulsion Method and Analysis of the Photoluminescence Properties. Journal of Nanoscience and Nanotechnology, 2014, 14, 3953-3956.	0.9	5
245	Synthesis, photoluminescence properties and energy transfer studies of color-adjustable CaSrSiO4:Ce3+,Li+,Mn2+ phosphors. Journal of Luminescence, 2015, 168, 92-97.	1.5	5
246	Syntheses and magnetic properties of Nd/sub 3/Co/sub 13-x/Ni/sub x/B/sub 2/ borides. IEEE Transactions on Magnetics, 2000, 36, 2037-2041.	1.2	4
247	Effects of iron substitution on magnetic properties of SmCo6.8ÂxFexHf0.2compounds. Journal of Physics Condensed Matter, 2004, 16, 4963-4969.	0.7	4
248	Subsolidus phase relation and crystal structure of the PrBa2â^’xSrxCu3O7Â±Î´ system. Journal of Alloys and Compounds, 2004, 370, 302-306.	2.8	4
249	Growth kinetics of three-dimensional ZnO islands on various substrates. Journal Physics D: Applied Physics, 2009, 42, 165306.	1.3	4
250	Optimization of output and phosphor consumption for phosphor-converted white light-emitting diodes. Rare Metals, 2014, 33, 203-209.	3.6	4
251	Effect of AlN addition on the photoluminescence and phosphorescence properties of SrAl₂O₄â€‰:â€‰Eu²⁺,Dy³⁺phosphors. Optical Engineering, 2015, 54, 067105.	0.5	4
252	Unknown crystal structure determination from X-ray powder diffraction data. Science in China Series A: Mathematics, 1998, 41, 191-197.	0.5	3

#	Article	IF	Citations
253	Magnetic properties and structure of the intermetallic compounds. Journal of Physics Condensed Matter, 1998, 10, 179-184.	0.7	3
254	Metalliclike mictomagnetic state in La0.55R0.15Ca0.3MnO3 (R=Y and Ho). Journal of Applied Physics, 1998, 84, 651-653.	1.1	3
255	Crystal structure and magnetic properties of the intermetallic compounds La2Co17-xMx(M = Nb, Mo,) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	3
256	Structure and magnetic properties of intermetallic compounds (Gd1-xRx)3Fe28Nb (R = Ce, Nd, Sm). Journal Physics D: Applied Physics, 2000, 33, 780-783.	1.3	3
257	Synthesis, crystal structure and physical properties of FeSr2(Ce3/2Ln1/2)Cu2O10â^'Î´ (Ln=Eu, Gd, and Tb). Journal of Alloys and Compounds, 2004, 373, 53-58.	2.8	3
258	Dual-synthetic antiferromagnet and its effect on giant magnetoresistance. Journal of Applied Physics, 2008, 103, 07F509.	1.1	3
259	Concentration effect of the near-infrared quantum cutting of 1788-nm luminescence of Tm 3+ ion in (Y) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	3
260	Role of flux on synthesis of poly single crystals of Ce³⁺ doped yttrium aluminum garnet. Crystal Research and Technology, 2016, 51, 239-242.	0.6	3
261	Structure and magnetic properties of the intermetallic compounds Gd3Fe29-xTax. Journal of Physics Condensed Matter, 2000, 12, 5473-5480.	0.7	2
262	Subsolidus phase relation, crystal structure and superconductivity of the SmBa2â^'xSrxCu3O7â^'Î´ system. Journal of Alloys and Compounds, 2004, 381, 32-36.	2.8	2
263	Crystal structure and magnetic properties of Nd1â^'xYxCo6.8Zr0.2 compounds. Journal of Alloys and Compounds, 2005, 394, 69-74.	2.8	2
264	Reply to Comment on â€œTuning of Photoluminescence and Local Structures of Substituted Cations in xSr2Ca(PO4)2â€"(1 â€" x)Ca10Li(PO4)7:Eu2+ Phosphorsâ€. Chemistry of Materials, 2017, 29, 3803-3805.	3.2	2
265	Systematic Study on Crystal Structure and Properties of FeSr2LnCu2O7+Î´ (Ln = La, Nd, Sm, Eu, Gd, Dy,) Tj ETQq1 1 0.784314 rgBT /Ov	3.2	1
266	Structure and magnetic properties of Pr1â^'Î'(Co,Cu)5+2Î´ (0<Î´<0.22) with TbCu7-type structure. Physica B: Condensed Matter, 2004, 348, 128-133.	1.3	1
267	Crystal structure and electromagnetic properties of GdSr2CoCu2O7. Physica B: Condensed Matter, 2004, 349, 71-75.	1.3	1
268	Subsolidus phase relations and crystal structure of compounds in the PrOxâ€"CaOâ€"CuO system. Journal of Solid State Chemistry, 2004, 177, 2394-2403.	1.4	1
269	Crystal structure and magnetic properties of Nd1â^'xYxCo6.86Hf0.14 compounds. Journal of Magnetism and Magnetic Materials, 2005, 292, 178-185.	1.0	1
270	SYNTHESIS AND PHOTOLUMINESCENCE PROPERTIES OF MICRON-ALUMINA. Surface Review and Letters, 2014, 21, 1450031.	0.5	1

#	Article	IF	Citations
271	Tuning Luminescence by Varying the O/N or Al/Si Ratio in Some Eu-Doped Nitride Phosphors. , 2017, , 343-370.		1
272	The structure and magnetic properties of the ternary intermetallic compounds La2Co17-xTax. Journal of Physics Condensed Matter, 2001, 13, 6529-6534.	0.7	0
273	Gallium Nitride Nanotubes by the Conversion of Gallium Oxide Nanotubes.. ChemInform, 2003, 34, no.	0.1	0
274	The Christaller's Formation Mechanism for the Ordered Nanopores of Anodic Alumina Template. Journal of Nanoscience and Nanotechnology, 2015, 15, 2877-2881.	0.9	0
275	Complementary method to locate atomic coordinates by combined searching method of structure-sensitive indexes based on bond valence method. Chinese Physics B, 2015, 24, 106101.	0.7	0
276	Effect of nitrogen substitution on luminescence tuning in garnets. Physical Chemistry Chemical Physics, 2020, 22, 9513-9517.	1.3	0
277	The Origin of the Two-Peak Emission in Novel CaMnSi2O6:Eu2+ Phosphor. Science of Advanced Materials, 2017, 9, 630-634.	0.1	0
278	Reply to Comment on â€œTolerance factor, phase stability and orderâ€“disorder of the pyrochlore structureâ€. Inorganic Chemistry Frontiers, 0, , .	3.0	0