Quanlin Liu

List of Publications by Year in descending order

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278	13,981	18436 62	26548 107
papers	citations	h-index	g-index

283	283	283	8215
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficient broadband near-infrared phosphor Sr2ScSbO6:Cr3+ for solar-like lighting. Science China Materials, 2022, 65, 748-756.	3.5	85
2	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
3	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
4	Crystallographic control for Cr⁴⁺ activators toward efficient NIR-II luminescence. Inorganic Chemistry Frontiers, 2022, 9, 1912-1919.	3.0	36
5	Ligand Control of Structural Diversity in Luminescent Hybrid Copper(I) Iodides. Chemistry of Materials, 2022, 34, 3206-3216.	3.2	23
6	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
7	Reversible Mechanically Induced Onâ€“Off Photoluminescence in Hybrid Metal Halides. Advanced Functional Materials, 2022, 32, .	7.8	12
8	UV-Red Light-Chargeable Near-Infrared-Persistent Phosphors and Their Applications. ACS Applied Materials & Interfaces, 2022, 14, 1496-1504.	4.0	29
9	Small Organic Molecular-Based Hybrid Halides with High Photoluminescence Quenching Temperature. Inorganic Chemistry, 2022, 61, 7560-7567.	1.9	10
10	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
11	Antimony doping to enhance luminescence of tin(<scp>iv</scp>)-based hybrid metal halides. Inorganic Chemistry Frontiers, 2022, 9, 3865-3873.	3.0	9
12	Crystal-field splitting of Ce3+ in narrow-band phosphor SrLiAl3N4. Journal of Rare Earths, 2021, 39, 386-389.	2.5	8
13	Orange super-long persistent luminescent materials: (Sr_{1â€“x}Ba_x)₃SiO₅:Eu²⁺,Nb⁵⁺. Materials Chemistry Frontiers, 2021, 5, 333-340.	3.2	23
14	Infrared-photostimulable and long-persistent ultraviolet-emitting phosphor LiLuGeO₄:Bi³⁺,Yb³⁺ for biophotonic applications. Materials Chemistry Frontiers, 2021, 5, 1468-1476.	3.2	33
15	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
16	Efficient nearâ€infrared pyroxene phosphor LiInGe₂O₆:Cr³⁺ for NIR spectroscopy application. Journal of the American Ceramic Society, 2021, 104, 4577-4584.	1.9	81
17	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
18	Structural Confinement for Cr³⁺ Activators toward Efficient Near-Infrared Phosphors with Suppressed Concentration Quenching. Chemistry of Materials, 2021, 33, 3621-3630.	3.2	118

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19	A broadband near-infrared phosphor Ca3Y2Ge3O12:Cr3+ with garnet structure. Journal of Alloys and Compounds, 2021, 863, 158699.	2.8	71
20	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
21	Light-Emitting 0D Hybrid Metal Halide (C₃H₁₂N₂)₂Sb₂Cl₁₀ with Antimony Dimers. Inorganic Chemistry, 2021, 60, 11429-11434.	1.9	13
22	Structure and Optical Properties of Hybrid-Layered-Double Perovskites (C₈H₂₀N₂)₂AgMBr₈ (M = In, Sb, and Bi). Inorganic Chemistry, 2021, 60, 14629-14635.	1.9	7
23	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
24	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
25	Structural Confinement toward Controlling Energy Transfer Path for Enhancing Near-Infrared Luminescence. Chemistry of Materials, 2021, 33, 8360-8366.	3.2	47
26	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
27	Broad Photoluminescence and Second-Harmonic Generation in the Noncentrosymmetric Organicâ€“Inorganic Hybrid Halide (C₆H₅(CH₂)₄NH₃)₄MX₇·H₂O (M = Bi, In, X = Br or I). Chemistry of Materials, 2021, 33, 8106-8111.	3.2	36
28	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
29	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
30	Structural Indicator to Characterize the Crystal-Field Splitting of Ce³⁺ in Garnets. Journal of Physical Chemistry C, 2020, 124, 870-873.	1.5	11
31	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
32	Yellow persistent luminescence and electronic structure of Ca-Î±-Sialon: Eu2+. Journal of Alloys and Compounds, 2020, 821, 153482.	2.8	13
33	Tunable Luminescence in Hybrid Cu(I) and Ag(I) Iodides. Inorganic Chemistry, 2020, 59, 15487-15494.	1.9	8
34	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
35	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
36	Enhanced persistent luminescence via Si4+ co-doping in Y3Al2Ga3O12:Ce3+, Yb3+, B3+. Journal of Luminescence, 2020, 222, 117190.	1.5	7

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37	Crystal structure and luminescence properties of lead-free metal halides (C₆H₅CH₂NH₃)₃MBr₆ (M = Bi) Tj ET Q q 1 1 0.694314 rg	2.7	78
38	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
39	Red persistent and photostimulable phosphor SrLiAl₃N₄:Eu²⁺. Journal of Materials Chemistry C, 2020, 8, 4956-4964.	2.7	30
40	Tolerance Factor and Phase Stability of the Normal Spinel Structure. Crystal Growth and Design, 2020, 20, 2014-2018.	1.4	24
41	Tolerance factor, phase stability and orderâ€“disorder of the pyrochlore structure. Inorganic Chemistry Frontiers, 2020, 7, 1583-1590.	3.0	24
42	Highly efficient near-infrared phosphor LaMgGa₁₁O₁₉:Cr³⁺. Inorganic Chemistry Frontiers, 2020, 7, 1467-1473.	3.0	166
43	Effect of nitrogen substitution on luminescence tuning in garnets. Physical Chemistry Chemical Physics, 2020, 22, 9513-9517.	1.3	0
44	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
45	Luminescent perovskites: recent advances in theory and experiments. Inorganic Chemistry Frontiers, 2019, 6, 2969-3011.	3.0	185
46	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
47	Tolerance factor and phase stability of the garnet structure. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1353-1358.	0.2	67
48	Lead-Free Broadband Orange-Emitting Zero-Dimensional Hybrid (PMA)₃InBr₆ with Direct Band Gap. Inorganic Chemistry, 2019, 58, 15602-15609.	1.9	81
49	Green persistent luminescence and the electronic structure of Î²-Sialon:Eu²⁺. Journal of Materials Chemistry C, 2019, 7, 12544-12551.	2.7	38
50	Recent advances in solid-state LED phosphors with thermally stable luminescence. Journal of Rare Earths, 2019, 37, 565-572.	2.5	206
51	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
52	Structure and photoluminescence properties of Ca_{0.99â^'}<scp>_xS</scp>r_xAlSiN₃:0.01Ce³⁺ solid solutions. Journal of the American Ceramic Society, 2019, 102, 4648-4658.	3.4	18
53	Polyhedron Transformation toward Stable Narrowâ€Band Green Phosphors for Wideâ€Colorâ€Gamut Liquid Crystal Display. Advanced Functional Materials, 2019, 29, 1901988.	7.8	140
54	Enhanced Yellow Persistent Luminescence in Sr₃SiO₅:Eu²⁺ through Ge Incorporation. Inorganic Chemistry, 2019, 58, 8694-8701.	1.9	27

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55	Relationship of Stokes shift with composition and structure in Ce3+/Eu2+-doped inorganic compounds. Journal of Luminescence, 2019, 212, 250-263.	1.5	46
56	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
57	Leadâ€Free Perovskite Derivative Cs₂SnCl_{6â^'}_xBr_x Single Crystals for Narrowband Photodetectors. Advanced Optical Materials, 2019, 7, 1900139.	3.6	123
58	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
59	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
60	Emerging ultra-narrow-band cyan-emitting phosphor for white LEDs with enhanced color rendition. Light: Science and Applications, 2019, 8, 38.	7.7	369
61	Manipulation of Bi³⁺/In³⁺ Transmutation and Mn²⁺â€Doping Effect on the Structure and Optical Properties of Double Perovskite Cs₂NaBi_{1â€}_xIn_xCl₆. Advanced Optical Materials, 2019, 7, 1801435.	3.6	157
62	Double perovskite Cs₂AgInCl₆:Cr³⁺: broadband and near-infrared luminescent materials. Inorganic Chemistry Frontiers, 2019, 6, 3621-3628.	3.0	209
63	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
64	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
65	Synthesis and Luminescence Properties of CsPbX₃@Uio-67 Composites toward Stable Photoluminescence Convertors. Inorganic Chemistry, 2019, 58, 1690-1696.	1.9	65
66	Li substituent tuning of LED phosphors with enhanced efficiency, tunable photoluminescence, and improved thermal stability. Science Advances, 2019, 5, eaav0363.	4.7	153
67	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
68	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
69	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
70	Near UV-pumped yellow-emitting Sr9MgLi(PO4)7:Eu2+ phosphor for white-light LEDs. Science China Materials, 2018, 61, 985-992.	3.5	79
71	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
72	Control of Luminescence in Eu²⁺-Doped Orthosilicate-Orthophosphate Phosphors by Chainlike Polyhedra and Electronic Structures. Inorganic Chemistry, 2018, 57, 609-616.	1.9	30

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73	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
74	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
75	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
76	5d-level centroid shift and coordination number of Ce3+ in nitride compounds. Journal of Luminescence, 2018, 200, 35-42.	1.5	40
77	Structural construction and photoluminescence tuning via energy transfer in apatite-type solid-state phosphors. Journal of Materials Chemistry C, 2018, 6, 4371-4383.	2.7	65
78	High Br^{â€“} Content CsPb(Cl_yBr_{1â€“y})₃ Perovskite Nanocrystals with Strong Mn²⁺ Emission through Diverse Cation/Anion Exchange Engineering. ACS Applied Materials & Interfaces, 2018, 10, 11739-11746.	4.0	92
79	Synthesis, structure and luminescence of SrLiAl3N4:Ce3+ phosphor. Journal of Luminescence, 2018, 199, 271-277.	1.5	21
80	Crystal field splitting of 4fnâ^'15d-levels of Ce3+ and Eu2+ in nitride compounds. Journal of Luminescence, 2018, 194, 461-466.	1.5	81
81	Moisture-induced degradation of the narrow-band red-emitting SrLiAl3N4:Eu2+ phosphor. Journal of Rare Earths, 2018, 36, 341-345.	2.5	16
82	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
83	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
84	Charge Transfer, Local Structure, and the Inductive Effect in Rare-Earth-Doped Inorganic Solids. Inorganic Chemistry, 2018, 57, 12376-12383.	1.9	19
85	Highâ€Yield Production of Monolayer FePS₃ Quantum Sheets via Chemical Exfoliation for Efficient Photocatalytic Hydrogen Evolution. Advanced Materials, 2018, 30, e1707433.	11.1	110
86	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
87	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
88	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
89	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
90	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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91	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
92	Structural Confinement toward Giant Enhancement of Red Emission in Mn²⁺â€Based Phosphors. Advanced Functional Materials, 2018, 28, 1804150.	7.8	122
93	Nextâ€Generation Narrowâ€Band Greenâ€Emitting RbLi(Li₃SiO₄)₂:Eu²⁺ Phosphor for Backlight Display Application. Advanced Materials, 2018, 30, e1802489.	11.1	407
94	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
95	Tuning of Photoluminescence and Local Structures of Substituted Cations in xSr₂Ca(PO₄)₂â€“(1 â€“) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td (x Materials, 2017, 29, 1430-1438.	3.2	194
96	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
97	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
98	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
99	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
100	Photoluminescence Tuning in Stretchable PDMS Film Grafted Doped Core/Multishell Quantum Dots for Anticounterfeiting. Advanced Functional Materials, 2017, 27, 1700051.	7.8	89
101	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
102	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
103	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
104	Efficient Photocatalytic Hydrogen Evolution via Band Alignment Tailoring: Controllable Transition from Typeâ€I to Typeâ€II. Small, 2017, 13, 1702163.	5.2	47
105	Luminescence Tuning, Thermal Quenching, and Electronic Structure of Narrow-Band Red-Emitting Nitride Phosphors. Inorganic Chemistry, 2017, 56, 11837-11844.	1.9	56
106	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
107	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
108	Tuning Luminescence by Varying the O/N or Al/Si Ratio in Some Eu-Doped Nitride Phosphors. , 2017, , 343-370.		1

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109	The Origin of the Two-Peak Emission in Novel CaMnSi2O6:Eu2+ Phosphor. Science of Advanced Materials, 2017, 9, 630-634.	0.1	0
110	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
111	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
112	Carbon dots decorated vertical SnS2 nanosheets for efficient photocatalytic oxygen evolution. Applied Physics Letters, 2016, 109, .	1.5	20
113	Recent developments in the new inorganic solid-state LED phosphors. Dalton Transactions, 2016, 45, 11214-11232.	1.6	488
114	Crevice corrosion of copper for radioactive waste packaging material in simulated groundwater. Corrosion Engineering Science and Technology, 2016, 51, 11-17.	0.7	12
115	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
116	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
117	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
118	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
119	Progress in discovery and structural design of color conversion phosphors for LEDs. Progress in Materials Science, 2016, 84, 59-117.	16.0	902
120	Relationship between thermal quenching of Eu2+ luminescence and cation ordering in (Ba1â^'Sr) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.5	42
121	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
122	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
123	Structure and luminescence properties of Eu²⁺ doped Lu_xSr_{2â^'x}SiN_xO_{4â^'x} phosphors evolved from chemical unit cosubstitution. Journal of Materials Chemistry C, 2016, 4, 1336-1344.	2.7	69
124	Tuning of Photoluminescence by Cation Nanosegregation in the (CaMg)_x(NaSc)_{1â€“x}Si₂O₆ Solid Solution. Journal of the American Chemical Society, 2016, 138, 1158-1161.	6.6	167
125	Analysis on stability and consistency of intensity measurement of White Light Emitting Diode phosphors. Optik, 2016, 127, 2798-2801.	1.4	6
126	Evolution of Structure and Photoluminescence by Cation Cosubstitution in Eu²⁺-Doped (Ca_{1â€“x}Li_x)(Al_{1â€“x}Si_{1+x})N₃ Solid Solutions. Inorganic Chemistry, 2016, 55, 2929-2933.	4.9	61

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127	Photoluminescence tuning via energy transfer in Eu-doped Ba2(Gd,Tb)2Si4O13 solid-solution phosphors. RSC Advances, 2016, 6, 2046-2054.	1.7	25
128	Synthesis and energy transfer studies of LaMgAl11O19:Cr3+, Nd3+ phosphors. Materials Research Bulletin, 2016, 74, 9-14.	2.7	21
129	Au plasmonics in a WS2-Au-CuInS2 photocatalyst for significantly enhanced hydrogen generation. Applied Physics Letters, 2015, 107, .	1.5	29
130	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
131	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
132	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
133	Insights into Ba₄Si₆O₁₆ structure and photoluminescence tuning of Ba₄Si₆O₁₆:Ce³⁺,Eu²⁺ phosphors. Journal of Materials Chemistry C, 2015, 3, 12477-12483.	2.7	36
134	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
135	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
136	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
137	Microwave solid state synthesis and luminescence properties of green-emitting Gd2O2S:Tb3+ phosphor. Optical Materials, 2015, 42, 11-16.	1.7	43
138	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
139	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
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