Hongbin Liang

List of Publications by Year
in descending order

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210 papers	7,031 citations	50170 46 h-index	98622 67 g-index
218 all docs	218 docs citations	218 times ranked	3517 citing authors

#	Article	IF	Citations
1	Site Occupancies, Electronâ€“Vibration Interaction and Energy Transfer of CaMgSi₂O₆: Eu²⁺, Mn²⁺ Phosphors for Potential Temperatureâ€Sensing and Antiâ€counterfeiting Applications. Chemistry - A European Journal, 2022, 28, .	1.7	6
2	Experimental and Theoretical Studies of the Site Occupancy and Luminescence of Ce³⁺ in LiSr₄(BO₃)₃ for Potential X-ray Detecting Applications. Inorganic Chemistry, 2022, 61, 7654-7662.	1.9	10
3	VUVâ€“UVâ€“vis Luminescence, Energy Transfer Dynamics, and Potential Applications of Ce³⁺- and Eu²⁺-Doped CaMgSi₂O₆. Journal of Physical Chemistry C, 2021, 125, 5957-5967.	1.5	15
4	Structure, luminescence of Eu²⁺ and Eu³⁺ in CaMgSi₂O₆ and their co-existence for the excitation-wavelength/temperature driven colour evolution. Dalton Transactions, 2021, 50, 10050-10058.	1.6	19
5	Site Occupancies, VUV-UVâ€“vis Photoluminescence, and X-ray Radioluminescence of Eu²⁺-Doped RbBaPO₄. Inorganic Chemistry, 2020, 59, 17421-17429.	1.9	12
6	The stability of coordination polyhedrons and distribution of europium ions in Ca₆BaP₄O₁₇. Physical Chemistry Chemical Physics, 2020, 22, 22096-22106.	1.3	6
7	Host Differential Sensitization toward Color/Lifetimeâ€Tuned Lanthanide Coordination Polymers for Optical Multiplexing. Angewandte Chemie - International Edition, 2020, 59, 23810-23816.	7.2	42
8	Host Differential Sensitization toward Color/Lifetimeâ€Tuned Lanthanide Coordination Polymers for Optical Multiplexing. Angewandte Chemie, 2020, 132, 24018-24024.	1.6	13
9	Near-Infrared Persistent Luminescence in a Cr³⁺-Doped Perovskite for Low-Irradiance Imaging. Chemistry of Materials, 2020, 32, 5579-5588.	3.2	76
10	The defect aggregation of RE3+ (REâ€¯=â€¯Y, La âˆ¼ Lu) in MF2 (Mâ€¯=â€¯Ca, Sr, Ba) fluorites. Materials Research Bulletin, 2020, 125, 110788.	2.7	25
11	Luminescence tuning of Ce3+, Pr3+ activated (Y,Gd)AGG system by band gap engineering and energy transfer. Journal of Rare Earths, 2020, 38, 514-522.	2.5	14
12	Zeroâ€Thermal Quenching of Mn²⁺ Red Luminescence via Efficient Energy Transfer from Eu²⁺ in BaMgP₂O₇. Advanced Optical Materials, 2019, 7, 1901187.	3.6	89
13	High-performance and moisture-resistant red-emitting Cs₂SiF₆:Mn⁴⁺ for high-brightness LED backlighting. Journal of Materials Chemistry C, 2019, 7, 2401-2407.	2.7	74
14	3P0 â†’ 1D2 non-radiative relaxation control via IVCT state in Pr3+-doped Na2Ln2Ti3O10 (Ln=La, Gd) micro-crystals with triple-layered perovskite structure. Journal of Luminescence, 2019, 213, 510-518.	1.5	10
15	Hole Trapping Process and Highly Sensitive Ratiometric Thermometry over a Wide Temperature Range in Pr³⁺-Doped Na₂La₂Ti₃O₁₀ Layered Perovskite Microcrystals. Journal of Physical Chemistry A, 2019, 123, 4021-4033.	1.1	35
16	Multi-site occupancies of Eu2+ in Ca6BaP4O17 and their potential optical thermometric applications. Chemical Engineering Journal, 2019, 369, 376-385.	6.6	92
17	Impacts of 5d electron binding energy and electronâ€“phonon coupling on luminescence of Ce³⁺ in Li₆Y(BO₃)₃. RSC Advances, 2019, 9, 7908-7915.	1.7	17
18	Li₄SrCa(SiO₄)₂:Eu²⁺: A Potential Temperature Sensor with Unique Optical Thermometric Properties. ACS Applied Materials & Interfaces, 2019, 11, 9691-9695.	4.0	89

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19	Site Occupancy and VUVâ€“UVâ€“Vis Photoluminescence of the Lanthanide Ions in BaY₂Si₃O₁₀. Journal of Physical Chemistry C, 2018, 122, 7421-7431.	1.5	17
20	Vacuum Referred Binding Energy Scheme, Electronâ€“Vibrational Interaction, and Energy Transfer Dynamics in BaMg₂Si₂O₇:Ln (Ce³⁺, Eu²⁺) Phosphors. Journal of Physical Chemistry C, 2018, 122, 2959-2967.	1.5	27
21	Optical Properties of Ce-Doped Li₄SrCa(SiO₄)₂: A Combined Experimental and Theoretical Study. Inorganic Chemistry, 2018, 57, 1116-1124.	1.9	26
22	Mechanism for bifurcation of broadband luminescence spectra from Ce 3+ ions at dodecahedral sites in garnets {CaY 2 }[M 2](Al 2 Si)O 12 (MÂ= Al, Ga, Sc). Dyes and Pigments, 2018, 148, 189-195.	2.0	17
23	Insight into Eu redox and Pr³⁺ 5d emission in KSrPO₄ by VRBE scheme construction. Dalton Transactions, 2018, 47, 306-313.	1.6	19
24	Luminescence and Cationic-Size-Driven Site Selection of Eu³⁺ and Ce³⁺ Ions in Ca₈Mg(SiO₄)₄Cl₂. Inorganic Chemistry, 2018, 57, 14872-14881.	1.9	28
25	Luminescence and Energy Transfer between Ce³⁺ and Pr³⁺ in BaY₂Si₃O₁₀ under VUVâ€“vis and X-ray Excitation. Inorganic Chemistry, 2018, 57, 8414-8421.	1.9	20
26	Site occupancy and luminescence properties of Eu³⁺ in double salt silicate Na₃LuSi₃O₉. Optical Materials Express, 2018, 8, 736.	1.6	23
27	Site Occupation of Eu²⁺ in Ba_{2â€“x}Sr_xSiO₄ (x = 0â€“1.9) and Origin of Improved Luminescence Thermal Stability in the Intermediate Composition. Inorganic Chemistry, 2018, 57, 7090-7096.	1.9	42
28	Site occupation and photoluminescence properties of Ce 3+ in Sr 4 Ca 4 La 2 (PO 4) 6 O 2 : Experiments and ab initio calculations. Optical Materials, 2017, 66, 1-7.	1.7	3
29	VUV-UVâ€“vis photoluminescence of Ce 3+ and Ce 3+ -Eu 2+ energy transfer in Ba 2 MgSi 2 O 7. Journal of Luminescence, 2017, 185, 251-257.	1.5	18
30	Luminescence, energy transfer and thermal stability of Eu 2+ and Tb 3+ in the BaCa 2 MgSi 2 O 8 host. Materials Research Bulletin, 2017, 89, 57-62.	2.7	14
31	Extended broadband luminescence of dodecahedral multisite Ce3+ ions in garnets {Y3}[MgA](BAlSi)O12 (AÂ= Sc, Ga, Al; BÂ= Ga, Al). Dyes and Pigments, 2017, 142, 524-529.	2.0	22
32	Luminescence properties and site occupancy of Ce³⁺ in Ba₂SiO₄: a combined experimental and ab initio study. RSC Advances, 2017, 7, 25685-25693.	1.7	20
33	Concentration-Driven Selectivity of Energy Transfer Channels and Color Tunability in Ba₃La(PO₄)₃:Tb³⁺, Sm³⁺ for Warm White LEDs. Inorganic Chemistry, 2017, 56, 7433-7442.	1.9	65
34	The Effect of Sr²⁺ on Luminescence of Ce³⁺-Doped (Ca,Sr)₂Al₂SiO₇. Inorganic Chemistry, 2017, 56, 12476-12484.	1.9	26
35	Development of a potential optical thermometric material through photoluminescence of Pr³⁺ in La₂MgTiO₆. Journal of Materials Chemistry C, 2017, 5, 10737-10745.	2.7	128
36	Luminescent properties of novel red-emitting phosphor Na3TaF8 with non-equivalent doping of Mn4+ for LED backlighting. Journal of Luminescence, 2017, 192, 690-694.	1.5	33

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37	Host-sensitized luminescence of Dy³⁺ in LuNbO₄ under ultraviolet light and low-voltage electron beam excitation: energy transfer and white emission. Journal of Materials Chemistry C, 2017, 5, 9012-9020.	2.7	53
38	Unique Spectral Overlap and Resonant Energy Transfer between Europium(II) and Ytterbium(III) Cations: No Quantum Cutting. Angewandte Chemie, 2017, 129, 10493-10497.	1.6	9
39	Unique Spectral Overlap and Resonant Energy Transfer between Europium(II) and Ytterbium(III) Cations: No Quantum Cutting. Angewandte Chemie - International Edition, 2017, 56, 10357-10361.	7.2	26
40	Intense emission of Ba 2 MgSi 2 O 7 :Eu 2+ under X-ray excitation for potential detecting applications. Journal of Luminescence, 2017, 183, 97-101.	1.5	13
41	Red-emitting phosphor Rb2TiF6:Mn4+ with high thermal-quenching resistance for wide color-gamut white light-emitting diodes. Optical Materials, 2017, 72, 78-85.	1.7	23
42	Spectral Properties and Energy Transfer of a Potential Solar Energy Converter. Chemistry of Materials, 2016, 28, 2834-2843.	3.2	50
43	Site Occupancies, Luminescence, and Thermometric Properties of LiY₉(SiO₄)₆O₂:Ce³⁺ Phosphors. Inorganic Chemistry, 2016, 55, 10415-10424.	1.9	100
44	The Influence of Oxygen Vacancies on Luminescence Properties of Na₃LuSi₃O₉:Ce³⁺. Journal of Physical Chemistry C, 2016, 120, 18741-18747.	1.5	21
45	On Doping Eu³⁺ in Sr_{0.99}La_{1.01}Zn_{0.99}O_{3.495}: The Photoluminescence, Population Pathway, De-Excitation Mechanism, and Decay Dynamics. Journal of Physical Chemistry C, 2016, 120, 19365-19374.	1.5	18
46	Consequences of ET and MMCT on Luminescence of Ce³⁺-, Eu³⁺-, and Tb³⁺-doped LiYSiO₄. Inorganic Chemistry, 2016, 55, 7777-7786.	1.9	50
47	Excitation Wavelength Dependent Luminescence of LuNbO₄:Pr³⁺â€"Influences of Intervalence Charge Transfer and Host Sensitization. Journal of Physical Chemistry C, 2016, 120, 26044-26053.	1.5	60
48	Spectral Properties and Energy Transfer between Ce³⁺ and Yb³⁺ in the Ca₃Sc₂Si₃O₁₂ Host: Is It an Electron Transfer Mechanism?. Journal of Physical Chemistry A, 2016, 120, 5539-5548.	1.1	16
49	Luminescence and energy transfer of Ce 3+ and Pr 3+ in LaBSiO 5. Journal of Luminescence, 2016, 177, 178-183.	1.5	7
50	Spectroscopy and Luminescence Dynamics of Ce³⁺ and Sm³⁺ in LiYSiO₄. Journal of Physical Chemistry C, 2016, 120, 4529-4537.	1.5	75
51	Luminescence of Ce³⁺-Doped MB₂Si₂O₈ (M = Sr, Ba): A Deeper Insight into the Effects of Electronic Structure and Stokes Shift. Journal of Physical Chemistry C, 2016, 120, 569-580.	1.5	27
52	Magnetooptics of the luminescent transitions in Tb3+:Gd3Ga5O12. Optical Materials, 2015, 46, 282-291.	1.7	4
53	Luminescence and multi-step energy transfer in GdAl3(BO3)4 doped with Ce3+/Tb3+. Journal of Luminescence, 2015, 161, 257-263.	1.5	24
54	Combined Experimental and ab Initio Study of Site Preference of Ce³⁺ in SrAl₂O₄. Journal of Physical Chemistry C, 2015, 119, 19326-19332.	1.5	31

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55	Luminescence and X-ray absorption studies on 0.5% Ce³⁺ doped BaCa₂MgSi₂O₈ phosphor. Physical Chemistry Chemical Physics, 2015, 17, 22035-22041.	1.3	16
56	Core-decomposition-facilitated fabrication of hollow rare-earth silicate nanowalnuts from coreâ€“shell structures via the Kirkendall effect. Nanoscale, 2015, 7, 13715-13722.	2.8	17
57	VUVâ€“vis photoluminescence, low-voltage cathodoluminescence and electron-vibrational interaction of Mn2+ in Ba2MgSi2O7. Optical Materials, 2015, 43, 59-65.	1.7	20
58	Hydrothermal synthesis, X-ray absorption and luminescence properties of Tb3+ doped LaPO4. Journal of Luminescence, 2015, 165, 23-29.	1.5	8
59	Site occupancy of Ce3+ in Î²-Ca2SiO4: A combined experimental and ab initio study. Optical Materials, 2015, 44, 67-72.	1.7	19
60	Electronic Properties of Ce³⁺-Doped Sr₃Al₂O₅Cl₂: A Combined Spectroscopic and Theoretical Study. Journal of Physical Chemistry C, 2015, 119, 6785-6792.	1.5	41
61	VUV-vis photoluminescence, X-ray radioluminescence and energy transfer dynamics of Ce³⁺ and Pr³⁺ doped LiCaBO₃. Journal of Materials Chemistry C, 2015, 3, 9161-9169.	2.7	28
62	Luminescence properties of Na₃LuSi₃O₉:Ce³⁺ as a potential scintillator material. RSC Advances, 2015, 5, 102477-102480.	1.7	5
63	Luminescence properties of an orange-red phosphor GdAl3(BO3)4:Sm3+ under VUV excitation and energy transfer from Gd3+ to Sm3+. Optical Materials, 2015, 39, 81-85.	1.7	20
64	Synthesis and photoluminescence properties of a cyan-emitting phosphor Ca3(PO4)2:Eu2+ for white light-emitting diodes. Optical Materials, 2015, 39, 173-177.	1.7	51
65	Electron-Vibrational Interaction in the 5d States of Eu²⁺Ions in Sr_{6-x}Eu_xBP₅O₂₀ (x = 0.01-0.15). ECS Journal of Solid State Science and Technology, 2014, 3, R39-R42.	0.9	13
66	Energy Transfer and Tunable Luminescence of NaLa(PO₃)₄:Tb³⁺/Eu³⁺ under VUV and Low-Voltage Electron Beam Excitation. Journal of Physical Chemistry C, 2014, 118, 3220-3229.	1.5	96
67	Temperature-sensitive fluorescence of NaRETiO4:Pr3+ (RE = Y, Gd) based on the intervalence charge transfer between Pr3+ and Ti4+. Journal of Applied Physics, 2014, 115, 073511.	1.1	13
68	Theoretical analysis of optical spectra of Ce+ in multi-sites host compounds. Journal of Luminescence, 2014, 152, 203-205.	1.5	8
69	Cyan emission of phosphor Sr6BP5O20:Eu2+ under low-voltage cathode ray excitation. Journal of Luminescence, 2014, 146, 18-21.	1.5	18
70	Luminescence and electronic properties of Ba₂MgSi₂O₇:Eu²⁺: a combined experimental and hybrid density functional theory study. Journal of Materials Chemistry C, 2014, 2, 8328-8332.	2.7	35
71	Enhanced Green Emission of Eu²⁺ by Energy Transfer from the ⁵D₃ Level of Tb³⁺ in NaCaPO₄. Journal of Physical Chemistry C, 2014, 118, 7002-7009.	1.5	49
72	First-Principles Study on Site Preference and 4f â†' 5d Transitions of Ce³⁺ in Sr₃AlO₄F. Journal of Physical Chemistry A, 2014, 118, 986-992.	1.1	25

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73	High Light Yield of Sr₈(Si₄O₁₂)Cl₈:Eu²⁺ under X-ray Excitation and Its Temperature-Dependent Luminescence Characteristics. Chemistry of Materials, 2014, 26, 3709-3715.	3.2	100
74	Controllable Synthesis of NaLu(WO₄)₂:Eu³⁺ Microcrystal and Luminescence Properties for LEDs. Crystal Growth and Design, 2014, 14, 3767-3773.	1.4	49
75	Synthesis and photoluminescence properties of red-emitting phosphors Ba2Gd8(SiO4)6O2:Eu3+. Materials Letters, 2014, 129, 130-133.	1.3	37
76	Competitive absorption of Eu3+ and Tb3+codoped in NaGd(PO3)4 phosphors. Chemical Physics Letters, 2014, 592, 261-264.	1.2	14
77	Low-voltage cathodoluminescence and Eu/Tb L3-edge XANES of Na1+yCa1â^'xâ^'2yEuxTbyPO4. Optical Materials, 2014, 36, 839-844.	1.7	3
78	Phase transformation and spectroscopic adjustment of Gd2O3:Eu3+ synthesized by hydrothermal method. Journal of Luminescence, 2014, 152, 172-175.	1.5	27
79	Luminescence, cathodoluminescence and Ce3+ â†' Eu2+ energy transfer and emission enhancement in the Sr5(PO4)3Cl:Ce3+,Eu2+ phosphor. Journal of Materials Chemistry C, 2013, 1, 7155.	2.7	46
80	Host absorption sensitizing and energy transfer to Eu3+ by Gd3+ in Ba6Gd2â^'xNa2Eux(PO4)6F2. Journal of Solid State Chemistry, 2013, 201, 18-23.	1.4	31
81	A potential cyan-emitting phosphor Sr8(Si4O12)Cl8:Eu2+ for wide color gamut 3D-PDP and 3D-FED. Journal of Materials Chemistry C, 2013, 1, 1305.	2.7	42
82	VUV-UV luminescence of Ce3+, Pr3+ doped and Ce3+â€"Pr3+ codoped NaLa(PO3)4. Journal of Luminescence, 2013, 143, 21-26.	1.5	16
83	White-emitting phosphors Ca6La2Na2(PO4)6F2:Dy3+ and luminescence enhancement through Ce3+Ââ†'ÂDy3+ energy transfer. Materials Chemistry and Physics, 2013, 142, 339-344.	2.0	15
84	Increased ¹D₂ Red Emission of Pr³⁺ in NaGdTiO₄:Pr³⁺ Due to Temperature-Assisted Host Sensitization and Its Color Variation. Journal of Physical Chemistry C, 2013, 117, 2216-2221.	1.5	37
85	VUVâ€"Vis Luminescent Properties of BaCaBO₃F Doped with Ce³⁺ and Tb³⁺. Journal of Physical Chemistry C, 2013, 117, 12769-12777.	1.5	37
86	Luminescence and site occupancies of Eu3+ in La2CaB10O19. Dalton Transactions, 2013, 42, 12891.	1.6	38
87	First-Principles Study on Electronic Properties and Optical Spectra of Ce-Doped La₂CaB₁₀O₁₉ Crystal. Journal of Physical Chemistry C, 2013, 117, 15241-15246.	1.5	20
88	A high efficiency blue phosphor BaCa₂MgSi₂O₈:Eu²⁺under VUV and UV excitation. Journal of Materials Chemistry C, 2013, 1, 493-499.	2.7	64
89	Intense Blue Emission Phosphor BaCa₂MgSi₂O₈: Eu²⁺for Fluorescent Lamps. ECS Journal of Solid State Science and Technology, 2013, 2, R79-R81.	0.9	14
90	High color purity red-emission of NaGdTiO_4:Pr^3+via quenching of P_03 emission under low-voltage cathode ray excitation. Optics Letters, 2013, 38, 612.	1.7	21

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91	Luminescence properties of lutetium based red-emitting phosphor NaLu(WO_4)_2:Eu^3+. Optical Materials Express, 2013, 3, 418.	1.6	43
92	Preparation of Tetra-Tungstate Red Phosphors and Corresponding White Light-Emitting Diodes. Asian Journal of Chemistry, 2013, 25, 5971-5974.	0.1	4
93	Intensive green emission of ZnAl_2O_4:Mn^2+under vacuum ultraviolet and low-voltage cathode ray excitation. Optics Letters, 2012, 37, 2511.	1.7	33
94	Study on the effects of 5d energy locations of Ce^3+ ions on NIR quantum cutting process in Y_2SiO_5: Ce^3+, Yb^3+. Optics Express, 2012, 20, A510.	1.7	35
95	Yellow-white emission of Ce^3+ and Eu^2+ doped Li_2SrSiO_4 under low-voltage electron-beam excitation. Optics Express, 2012, 20, 15891.	1.7	20
96	High luminescent Li_2CaSiO_4:Eu^2+ cyan phosphor film for wide color gamut field emission display. Optics Express, 2012, 20, 17701.	1.7	34
97	Enhanced emission of Mn^2+ via Ce^3+â†'Mn^2+ energy transfer in Î±-Sr_2P_2O_7. Optics Express, 2012, 20, 28969.	1.7	19
98	Ultraviolet to near-infrared downconversion of Y_2SiO_5: Ce^3+, Yb^3+ nanobelt-poly-EVA films. Optics Letters, 2012, 37, 4437.	1.7	14
99	Site occupancy and luminescence of Ce3+in NaSr4(BO3)3. Journal Physics D: Applied Physics, 2012, 45, 365301.	1.3	11
100	Luminescence of Eu³⁺in Two Different Sites of Na₃GdSi₂O₇and Gd³⁺-Eu³⁺Energy Transfer. ECS Journal of Solid State Science and Technology, 2012, 1, R27-R31.	0.9	10
101	Structure Refinement and Two-Center Luminescence of Ca₃La₃(BO₃)₅:Ce³⁺ under VUVâ€"UV Excitation. Inorganic Chemistry, 2012, 51, 8802-8809.	1.9	55
102	Temperature Sensitive Luminescence of Ce³⁺in Two Different Sites of Na₃LuSi₂O₇. Journal of the Electrochemical Society, 2012, 159, J43-J47.	1.3	24
103	Synthesis and luminescence properties of the lithium-containing lanthanum-oxycarbonate-like borates. Journal of Solid State Chemistry, 2012, 194, 225-232.	1.4	3
104	Efficient Sensitization of Eu³⁺ Emission by Tb³⁺ in Ba₃La(PO₄)₃ under VUV-UV Excitation: Energy Transfer and Tunable Emission. Journal of Physical Chemistry C, 2012, 116, 15932-15937.	1.5	104
105	Synthesis of Porous Zinc Gallate Prisms Composed of Highly Oriented Nanoparticles by an In Situ Conversion Reaction. Chemistry - A European Journal, 2012, 18, 5367-5373.	1.7	7
106	A comparison of Ce3+ luminescence in X2Z(BO3)2 (X=Ba, Sr; Z=Ca, Mg) with relevant composition and structure. Journal of Rare Earths, 2012, 30, 1-5.	2.5	11
107	Luminescence and Morphology of <scp><scp>BaMgAl</scp></scp>₁₀<scp><scp>O</scp></scp>₁₇:<scp><scp>Eu</scp></scp>²⁺ Phosphors Prepared from Different Phases of <scp><scp>Al</scp></scp>₂<scp><scp>O</scp></scp>₃. Journal of the American Ceramic Society, 2012, 95, 3197-3201.	1.9	11
108	VUVâ€"vis photoluminescence of GdAl3(BO3)4:Eu3+ and energy transfer from Gd3+ to Eu3+. Materials Chemistry and Physics, 2012, 132, 756-760.	2.0	25

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109	Luminescence of Ce3+ activated NaCaPO4 under VUVâ€“UV and X-ray excitation. Optical Materials, 2012, 34, 1214-1218.	1.7	26
110	Bright green-emitting, energy transfer and quantum cutting of Ba_3Ln(PO_4)_3: Tb^3+ (Ln = La, Gd) under VUV-UV excitation. Optics Express, 2011, 19, 11071.	1.7	63
111	Growth and optical properties of (Yb3â^'xYx)Al5O12:Ce3+ single crystals. Optical Materials, 2011, 34, 152-154.	1.7	4
112	The luminescence of Eu3+ activated Ba2Mg(BO3)2 phosphors. Applied Physics A: Materials Science and Processing, 2011, 105, 143-147.	1.1	16
113	Photoluminescence and cathodoluminescence properties of Tb3+ activated Sr3AlO4F emitting-color tunable phosphor. Applied Physics B: Lasers and Optics, 2011, 102, 699-704.	1.1	12
114	Luminescence of LiTb(PO3)4:Sm3+ and energy transfer from Tb3+ to Sm3+ under vacuum ultravioletâ€“ultraviolet excitation. Applied Physics B: Lasers and Optics, 2011, 104, 241-246.	1.1	15
115	Photoluminescence and radioluminescence of pure and Ce3+ activated Na3Gd(PO4)2. Optical Materials, 2011, 33, 618-622.	1.7	21
116	Luminescence of Ce3+ and Pr3+ doped Sr2Mg(BO3)2 under VUVâ€“UV and X-ray excitation. Journal of Luminescence, 2011, 131, 194-198.	1.5	35
117	Ultraviolet-vacuum ultraviolet photoluminescence and x ray radioluminescence of Ce3+-doped Ba3MgSi2O8. Journal of Applied Physics, 2011, 110, 113522.	1.1	12
118	Intense Cyan-Emitting of Li2CaSiO4:Eu2+ Under Low-Voltage Cathode Ray Excitation. Electrochemical and Solid-State Letters, 2011, 14, J69.	2.2	18
119	Luminescence of Ce3+Activated (Fluoro-) Phosphates Under VUV-UV and X-ray Excitation. Chinese Journal of Luminescence, 2011, 32, 411-416.	0.2	1
120	Luminescence of Ce3+ at two different sites in Î±-Sr2P2O7 under vacuum ultraviolet-UV and x-ray excitation. Journal of Applied Physics, 2010, 108, .	1.1	60
121	Luminescence properties of NaGd(PO3)4:Eu3+ and energy transfer from Gd3+ to Eu3+. Applied Physics B: Lasers and Optics, 2010, 98, 139-147.	1.1	62
122	Photon cascade emission of Gd3+ in Tm3+-doped and un-doped LiGd(PO3)4 under low-voltage electron beam and vacuum ultraviolet excitation. Applied Physics B: Lasers and Optics, 2010, 100, 865-869.	1.1	7
123	Structure, composition, morphology, photoluminescence and cathodoluminescence properties of ZnGeN2 and ZnGeN2:Mn2+ for field emission displays. Acta Materialia, 2010, 58, 6728-6735.	3.8	70
124	Fine particle Sr2SiO4:Tb phosphor for the plasma display panel prepared by a combined approach. Materials Research Bulletin, 2010, 45, 805-808.	2.7	5
125	The UV and VUV luminescence properties of the phosphor Mg2GeO4:Tb3+. Materials Letters, 2010, 64, 1034-1036.	1.3	18
126	A novel red phosphor: Ca2GeO4:Eu3+. Journal of Rare Earths, 2010, 28, 519-522.	2.5	20

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127	Chromaticity-Tunable Emission of Sr[sub 3]AlO[sub 4]F:Ce[sup 3+] Phosphor: Correlation with Matrix Structure and Application in LEDs. Journal of the Electrochemical Society, 2010, 157, J159.	1.3	47
128	X-ray absorption and luminescence studies of Ba2Ca(BO3)2:â€ˆCe3+/Na+ phosphors. Journal of Chemical Physics, 2010, 132, 234701.	1.2	11
129	P2–1: Cathodoluminescent properties of novel Ca<inf>6</inf>Gd<inf>1.5</inf>Tb<inf>0.5</inf>Na<inf>2</inf>(PO<inf>4</inf>) phosphor for field emission display applications. , 2010, , .		
130	Photoluminescence and Low Voltage Cathodoluminescence of Sr[sub 3]AlO[sub 4]F:Eu[sup 3+]. Journal of the Electrochemical Society, 2010, 157, J21.	1.3	13
131	Improving the BAM VUV-Irradiation Degradation with a UV-Blue Emitting Phosphor CLPF-Tm. Journal of the Electrochemical Society, 2010, 157, J401.	1.3	12
132	The Quantum Cutting of Tb³⁺ in Ca₆Ln₂Na₂(PO₄)₆F₂ (Ln =) Tj ETQq0 0 0 rgBT /Overlock 11317-11324.	1.9	82
133	Vacuum Ultravioletâ^'Visible Spectroscopic Properties of Tb³⁺ in Li(Y,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 of Physical Chemistry C, 2010, 114, 6770-6777.	1.5	65
134	Red Emission of Ca[sub 6]Gd[sub 1.97]Eu[sub 0.03]Na[sub 2](PO[sub 4])[sub 6]F[sub 2] with Suitable Chromaticity Coordinates under VUV Excitation. Electrochemical and Solid-State Letters, 2010, 13, J140.	2.2	13
135	Research on Rare-earth Tungstates Red Phosphors for White-light Emitting Diodes. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2010, 25, 1009-1014.	0.6	8
136	Luminescence of Ce³⁺-doped Sr₁₀(PO₄)₆S phosphors. Journal Physics D: Applied Physics, 2009, 42, 105110.	1.3	24
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