

Meng-Meng Shang

List of Publications by Year in descending order

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102
papers

9,167
citations

24978

57
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38300

95
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105
all docs

105
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Garnet-type far-red emitting $\text{Li}_6\text{CaLa}_2\text{Nb}_2\text{O}_{12}:\text{Mn}^{4+}, \text{Bi}^{3+}$ phosphor for full-spectrum white LED. <i>Journal of Luminescence</i> , 2022, 243, 118649.	1.5	14
2	Regulation of Local Site Structures to Stabilize Mixed-Valence $\text{Eu}^{2+/3+}$ under a Reducing Atmosphere for Multicolor Photoluminescence. <i>Inorganic Chemistry</i> , 2022, 61, 1756-1764.	1.9	14
3	Photoluminescence Properties of $\text{AScSi}_2\text{O}_6:\text{Cr}^{3+}$ (A = Na and Li) Phosphors with High Efficiency and Thermal Stability for Near-Infrared Phosphor-Converted Light-Emitting Diode Light Sources. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 8179-8190.	4.0	76
4	Highly efficient Fe^{3+} -doped $\text{A}_2\text{BB}'_2\text{O}_6$ (A = $\text{Sr}^{2+}, \text{Ca}^{2+}$; B, $\text{B}' = \text{In}^{3+}, \text{Sb}^{5+}, \text{Sn}^{4+}$) broadband near-infrared-emitting phosphors for spectroscopic analysis. <i>Light: Science and Applications</i> , 2022, 11, 112.	7.7	85
5	Tunable emission properties of tri-doped $\text{Ca}_9\text{LiY}_2/3(\text{PO}_4)_7:\text{Ce}^{3+}, \text{Tb}^{3+}, \text{Mn}^{2+}$ phosphors with warm white emitting based on energy transfer. <i>Journal of Rare Earths</i> , 2021, 39, 504-511.	2.5	11
6	The effect of local structure on the luminescence of Eu^{2+} in ternary phosphate solid solutions by cationic heterovalent substitution and their application in white LEDs. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1085-1096.	2.7	10
7	The composition engineering of red-emitting Eu^{3+} -doped $\text{Ca}_{10.5}(\text{PO}_4)_7$ -type solid solution phosphors and application in LED. <i>Journal of the American Ceramic Society</i> , 2021, 104, 3365-3375.	1.9	7
8	Thermally stable and highly efficient red-emitting Eu^{3+} -doped $\text{Cs}_3\text{GdGe}_3\text{O}_9$ phosphors for WLEDs: non-concentration quenching and negative thermal expansion. <i>Light: Science and Applications</i> , 2021, 10, 29.	7.7	249
9	Simultaneous Broadening and Enhancement of Cr^{3+} Photoluminescence in $\text{LiIn}_2\text{SbO}_6$ by Chemical Unit Cosubstitution: Night-Vision and Near-Infrared Spectroscopy Detection Applications. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14644-14649.	7.2	154
10	Simultaneous Broadening and Enhancement of Cr^{3+} Photoluminescence in $\text{LiIn}_2\text{SbO}_6$ by Chemical Unit Cosubstitution: Night-Vision and Near-Infrared Spectroscopy Detection Applications. <i>Angewandte Chemie</i> , 2021, 133, 14765-14770.	1.6	3
11	Broadband excited $\text{Na}_3\text{Tb}(\text{PO}_4)_2:\text{Ce}^{3+}/\text{Eu}^{2+}$ green/yellow-emitting phosphors with high color purity for LED-based application. <i>Journal of the American Ceramic Society</i> , 2021, 104, 5848-5858.	1.9	6
12	Realizing an impressive red-emitting $\text{Ca}_9\text{MnNa}(\text{PO}_4)_7$ phosphor through a dual function based on disturbing structural confinement and energy transfer. <i>Journal of Materials Chemistry C</i> , 2020, 8, 285-295.	2.7	46
13	Red emitting $\text{Ba}_2\text{GdVO}_6:\text{Eu}^{3+}$ phosphors for blue light converted warm white LEDs. <i>Inorganic Chemistry Communication</i> , 2020, 113, 107768.	1.8	26
14	Ultra-broadband cyan-to-orange emitting $\text{Ba}_{1+x}\text{Sr}_{1-x}\text{Ga}_4\text{O}_8:\text{Bi}^{3+}$ phosphors: luminescence control and optical temperature sensing. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1598-1607.	2.7	61
15	Two-Step Sol-Gel Synthetic Strategy for Highly Dispersed Eu^{2+} Luminescence Centers for Tuning Emission. <i>Advanced Photonics Research</i> , 2020, 1, 2000028.	1.7	3
16	Enhanced Cyan Emission and Optical Tuning of $\text{Ca}_3\text{Ga}_4\text{O}_9:\text{Bi}^{3+}$ for High-Quality Full-Spectrum White Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2020, 8, 2001037.	3.6	84
17	Yellow/Orange-Emitting $\text{ABZn}_2\text{Ga}_2\text{O}_7:\text{Bi}^{3+}$ (A = Ca, Sr); T_j ETQq1 1 0.784314 rgB	3.2	166
18	Highly Efficient Cyan-Green Emission in Self-Activated $\text{Rb}_3\text{RV}_2\text{O}_8$ (R = Y, Lu) Vanadate Phosphors for Full-Spectrum White Light-Emitting Diodes (LEDs). <i>Inorganic Chemistry</i> , 2020, 59, 6026-6038.	1.9	50

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19	Advances in Eu ²⁺ /Doped UCr ₄ C ₄ -type Phosphors with Narrow-band Emissions and Their Applications. Chinese Journal of Luminescence, 2020, 41, 1214-1233.	0.2	5
20	An abnormal yellow emission and temperature-sensitive properties for perovskite-type Ca ₂ MgWO ₆ phosphor via cation substitution and energy transfer. Journal of Luminescence, 2019, 214, 116588.	1.5	25
21	Mixing the valence control of Eu ²⁺ /Eu ³⁺ and energy transfer construction of Eu ²⁺ /Mn ²⁺ in the solid solution (1 \hat{a}) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 Td (<i>x</i>)C	3.0	31
22	for multichannel photoluminescence tuning. Inorganic Chemistry Frontiers, 2019, 6, 2837-2849. Full visible light emission in Eu ²⁺ , Mn ²⁺ -doped Ca ₉ LiY _{0.667} (PO ₄) ₇ phosphors based on multiple crystal lattice substitution and energy transfer for warm white LEDs with high colour-rendering. Journal of Materials Chemistry C, 2019, 7, 3644-3655.	2.7	92
23	An organicâ€inorganic hybrid zinc phosphite framework with room temperature phosphorescence. Chemical Communications, 2018, 54, 3712-3714.	2.2	123
24	Solvated Lanthanide Cationic Template Strategy for Constructing Iodoargentates with Photoluminescence and White Light Emission. Crystal Growth and Design, 2018, 18, 7041-7047.	1.4	56
25	Controllable two-dimensional luminescence tuning in Eu ²⁺ , Mn ²⁺ doped (Ca,Sr) ₉ Sc(PO ₄) ₇ based on crystal field regulation and energy transfer. Journal of Materials Chemistry C, 2018, 6, 6714-6725.	2.7	47
26	Full Color Luminescence Tuning in Bi ³⁺ /Eu ³⁺ -Doped LiCa ₃ MgV ₃ O ₁₂ Garnet Phosphors Based on Local Lattice Distortion and Multiple Energy Transfers. Inorganic Chemistry, 2018, 57, 9251-9259.	1.9	85
27	Controllable optical tuning and improvement in Li ⁺ , Eu ³⁺ -codoped BaSc ₂ O ₄ :Bi ³⁺ based on energy transfer and charge compensation. Journal of Materials Chemistry C, 2018, 6, 6449-6459.	2.7	66
28	Multicolor emissions and photoluminescence properties for Ca ₃ Al ₄ ZnO ₁₀ :Ce ³⁺ /Eu ³⁺ /Tb ³⁺ /Mn ²⁺ phosphors. Journal of Luminescence, 2018, 204, 493-498.	1.5	13
29	Broad color tuning of Bi ³⁺ /Eu ³⁺ -doped (Ba,Sr) ₃ Sc ₄ O ₉ solid solution compounds <i>via</i> crystal field modulation and energy transfer. Journal of Materials Chemistry C, 2018, 6, 9990-9999.	2.7	86
30	Influence of Anion/Cation Substitution (Sr ²⁺ \hat{a} ' Ba ²⁺ , Al ³⁺ \hat{a} ') Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 237 T	3.2	118
31	Properties of Ba ₃ Si ₆ O ₁₅ :Eu ²⁺ Phosphors. Chemistry of Materials, 2017, 29, 1813-1829. An efficient rare-earth free deep red emitting phosphor for improving the color rendering of white light-emitting diodes. Journal of Materials Chemistry C, 2017, 5, 2927-2935.	2.7	88
32	Luminescence Properties of Ca ₁₉ Ce(PO ₄) ₁₄ :A (A =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 237 T	1.9	63
33	Coexistence of Ce ^{4+/3+} â€Eu ³⁺ and Energy Transfer of Ce ³⁺ \hat{a} ' Tb ³⁺ /Mn ²⁺ and Tb ³⁺ â€Mn ²⁺ . Inorganic Chemistry, 2017, 56, 6131-6140. Resonance Emission Enhancement (REE) for Narrow Band Red-Emitting A ₂ GeF ₆ :Mn ⁴⁺ (A = Na, K, Rb, Cs) Phosphors Synthesized via a Precipitationâ€Cation Exchange Route. Inorganic Chemistry, 2017, 56, 11900-11910.	1.9	86
34	Recent development in phosphors with different emitting colors via energy transfer. Journal of Materials Chemistry C, 2016, 4, 5507-5530.	2.7	269
35	The structural evolution and spectral blue shift of solid solution phosphors Sr ₃ Ca _m B ₂ O ₆ :Eu ²⁺ . CrystEngComm, 2016, 18, 4597-4603.	1.3	13
36	Photoluminescence and Energy Transfer Properties with Y+SiO ₄ Substituting Ba+PO ₄ in Ba ₃ Y(PO ₄) ₃ :Ce ³⁺ /Tb ³⁺ , Tb ³⁺ /Eu ³⁺ Phosphors for w-LEDs. Inorganic Chemistry, 2016, 55, 7593-7604.	1.9	69

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37	Deep red MGeO_9 : Mn^{4+} (M = Sr, Ba) phosphors: structure, luminescence properties and application in warm white light emitting diodes. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6409-6416.	2.7	117
38	Pechini-type sol-gel synthesis and multicolor-tunable emission properties of $\text{GdY}(\text{MoO}_4)_3$: RE^{3+} (RE=Eu, Tb) phosphors. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6341-6349.	1.7	53
39	Ce^{3+} and Tb^{3+} -doped lutetium-containing silicate phosphors: synthesis, structure refinement and photoluminescence properties. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3443-3453.	2.7	60
40	An efficient green-emitting $\text{Ca}_{1.65}\text{Sr}_{0.35}\text{SiO}_4$: Eu^{2+} phosphor for UV/n-UV w-LEDs: synthesis, luminescence and thermal properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6341-6349.	2.7	37
41	Photoluminescence properties of single-component white-emitting $\text{Ca}_9\text{Bi}(\text{PO}_4)_7$: Ce^{3+} , Tb^{3+} , Mn^{2+} phosphors for UV LEDs. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7096-7104.		99
42	Crystal-Site Engineering Control for the Reduction of Eu^{3+} to Eu^{2+} in Ca_2YAlO_4 : Structure Refinement and Tunable Emission Properties. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 2715-2725.	4.0	176
43	Host-sensitized luminescence in LaNbO_4 : Ln^{3+} ($\text{Ln}^{3+} = \text{Eu}^{3+}, \text{Tb}^{3+}$) phosphors. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7096-7104.	1.3	106
44	Tunable blue-green emission and energy transfer properties in $\text{Ca}_3(\text{PO}_4)_2$: Eu^{2+} , Tb^{3+} phosphors with high quantum efficiencies for UV-LEDs. <i>Dalton Transactions</i> , 2015, 44, 4683-4692.	1.6	56
45	Tunable luminescence and energy transfer properties in $\text{Ca}_8\text{MgLu}(\text{PO}_4)_7$: Ce^{3+} , Tb^{3+} , Mn^{2+} phosphors. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4471-4481.	2.7	102
46	White-light generation and full-color in single-phase garnet-based phosphors. <i>Inorganic Chemistry Communication</i> , 2015, 52, 73-76.	1.8	7
47	Interplay between local environments and photoluminescence of Eu^{2+} in $\text{Ba}_2\text{Zr}_2\text{Si}_3\text{O}_{12}$: blue shift emission, optimal bond valence and luminescence mechanisms. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3294-3303.	2.7	29
48	Overcoming crystallographically imposed geometrical restrictions on the valence state of Eu in CaGdAlO_4 : realization of white light emission from singly-doped Eu phosphors. <i>Dalton Transactions</i> , 2015, 44, 7743-7747.	1.6	16
49	Photoluminescence Properties of Efficient Blue-Emitting Phosphor $\text{Ca}_{1.65}\text{Sr}_{0.35}\text{SiO}_4$: Ce^{3+} : Color Tuning via the Substitutions of Si by Al/Ga/B. <i>Inorganic Chemistry</i> , 2015, 54, 7992-8002.	1.9	66
50	A novel greenish yellow-orange red $\text{Ba}_3\text{Y}_4\text{O}_9$: Bi^{3+} , Eu^{3+} phosphor with efficient energy transfer for UV-LEDs. <i>Dalton Transactions</i> , 2015, 44, 20542-20550.	1.6	250
51	Tunable green to yellowish-orange phosphor $\text{Na}_3\text{LuSi}_2\text{O}_7$: Eu^{2+} , Mn^{2+} via energy transfer for UV-LEDs. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11618-11628.	2.7	64
52	One-step structure-directing approach to Ce^{3+} -doped CaS luminescent micro-nanocrystals. <i>CrystEngComm</i> , 2015, 17, 8676-8682.	1.3	3
53	ZnGeN_2 and ZnGeN_2 : Mn^{2+} phosphors: hydrothermal-ammonolysis synthesis, structure and luminescence properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9306-9317.	2.7	37
54	$\text{Sr}_2\text{Y}_8(\text{SiO}_4)_6\text{O}_2$: Bi^{3+} / Eu^{3+} : a single-component white-emitting phosphor via energy transfer for UV w-LEDs. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9989-9998.	2.7	199

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55	Nanospheres: Full Color Emission in ZnGa ₂ O ₄ : Simultaneous Control of the Spherical Morphology, Luminescent, and Electric Properties via Hydrothermal Approach (Adv. Funct. Mater.)	10.784314	1314
56	How to produce white light in a single-phase host?. Chemical Society Reviews, 2014, 43, 1372-1386.	18.7	1,020
57	Oxonitridosilicate Y ₁₀ Si ₆ O ₂₂ N ₂ O ₂ :Ce ³⁺ , Mn ²⁺ Phosphors: A Facile Synthesis via the Soft-Chemical Ammonolysis Process, Luminescence, and Energy-Transfer Properties. Inorganic Chemistry, 2014, 53, 2230-2239.	1.9	50
58	Synthesis and Luminescence Properties of YNbO ₄ :A (A = Eu ³⁺ and/or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.5	75
59	2014, 118, 27516-27524. Tunable-Color Luminescence via Energy Transfer in NaCa _{13/18} Mg _{5/18} PO ₄ :A (A =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td (Eu ³⁺ 2	1.9	51
60	Lighting. Inorganic Chemistry, 2014, 53, 12141-12150. YOF nano/micro-crystals: morphology controlled hydrothermal synthesis and luminescence properties. CrystEngComm, 2014, 16, 2196-2204.	1.3	48
61	Color-Tunable Luminescence of Y ₄ Si ₂ N ₂ O ₇ :Ce ³⁺ , Tb ³⁺ , Dy ³⁺ Phosphors Prepared by the Soft-Chemical Ammonolysis Method. European Journal of Inorganic Chemistry, 2014, 2014, 1955-1964.	1.0	12
62	Full Color Emission in ZnGa ₂ O ₄ : Simultaneous Control of the Spherical Morphology, Luminescence, and Electric Properties via Hydrothermal Approach. Advanced Functional Materials, 2014, 24, 6581-6593.	7.8	82
63	Synthesis, Luminescence, and Energy-Transfer Properties of Î²-Na ₂ Ca ₄ (PO ₄) ₂ (SiO ₄):A (A =) Tj ETQq1 1 0.784314 rgBT /Overlock 1.9 79	1.9	79
64	Chemistry, 2014, 53, 6743-6751. A Double Substitution of Mg ²⁺ â€“Si ⁴⁺ /Ge ⁴⁺ for Al ₍₁₎ ³⁺ â€“Al ₍₂₎ ³⁺ in Ce ³⁺ -Doped Garnet Phosphor for White LEDs. Inorganic Chemistry, 2014, 53, 7748-7755.	1.9	143
65	Wide-Band Excited YTiTaO ₆ : Eu ³⁺ /Er ³⁺ Phosphors: Structure Refinement, Luminescence Properties, and Energy Transfer Mechanisms. Journal of Physical Chemistry C, 2014, 118, 17983-17991.	1.5	31
66	Color-Tunable Luminescence and Energy Transfer Properties of Ca ₉ Mg(PO ₄) ₆ F ₂ :Eu ²⁺ , Mn ²⁺ Phosphors for UV-LEDs. Journal of Physical Chemistry C, 2014, 118, 11026-11034.	1.5	157
67	Highly uniform and monodisperse GdOF:Ln ³⁺ (Ln = Eu, Tb, Tm, Dy, Ho, Sm) microspheres: hydrothermal synthesis and tunable-luminescence properties. Dalton Transactions, 2013, 42, 14140.	1.6	58
68	Rapid, Large-Scale, Morphology-Controllable Synthesis of YOF:Ln ³⁺ (Ln = Tb, Eu, Tm, Dy, Ho,) Tj ETQq0 0 0 rgBT /Overlock 1.9 82	1.9	82
69	52, 12986-12994. Color-Tunable and White Luminescence Properties via Energy Transfer in Single-Phase KNaCa ₂ (PO ₄) ₂ :A (A = Ce ³⁺ , Eu ²⁺ ;) Tj ETQq1 1 0.784314 rgBT /Overlock 1.9 95	1.9	95
70	13708-13718. Temperature dependent luminescence and energy transfer properties of Na ₂ SrMg(PO ₄) ₂ :Eu ²⁺ , Mn ²⁺ phosphors. Dalton Transactions, 2013, 42, 15372.	1.6	33
71	Single-Composition Trichromatic White-Emitting Ca ₉ MgNa(PO ₄) ₇ :Ce ³⁺ /Tb ³⁺ /Mn ²⁺ Phosphors â€“ Soft Chemical Synthesis, Luminescence, and Energy-Transfer Properties. European Journal of Inorganic Chemistry, 2013, 2013, 4389-4397.	1.0	37
72	Luminescence and Energy Transfer Properties of Ca ₂ Ba ₃ (PO ₄) ₃ Cl and Ca ₂ Ba ₃ (PO ₄) ₃ Cl:A (A =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 Td (Eu ²⁺ 1	1.0	57
	Electron Beam Excitation. Inorganic Chemistry, 2013, 52, 3102-3112.		

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73	Tunable luminescence and energy transfer properties of Ca ₅ (PO ₄) ₂ SiO ₄ :Ce ³⁺ /Tb ³⁺ /Mn ²⁺ phosphors. Journal of Materials Chemistry C, 2013, 1, 2345.	2.7	96
74	Tunable and White-Light Emission from Single-Phase Ca ₂ YF ₄ PO ₄ :Eu ²⁺ , Mn ²⁺ Phosphors for Application in W-LEDs. European Journal of Inorganic Chemistry, 2013, 2013, 2947-2953.	1.0	37
75	Tunable luminescence and energy transfer properties in KCaGd(PO ₄) ₂ :Ln ³⁺ /Mn ²⁺ (Ln = Tb, Dy, Eu, Tm;) Tj ETQq1 1.0784314 rgBT /O	6.7	48
76	Multiform La ₂ O ₃ : Yb ³⁺ /Er ³⁺ /Tm ³⁺ submicro-/microcrystals derived by hydrothermal process: Morphology control and tunable upconversion luminescence properties. CrystEngComm, 2012, 14, 2100.	1.3	38
77	Luminescence properties of Mn ²⁺ -doped Li ₂ ZnGeO ₄ as an efficient green phosphor for field-emission displays with high color purity. Dalton Transactions, 2012, 41, 8861.	1.6	74
78	Color tuning via energy transfer in Sr ₃ In(PO ₄) ₃ :Ce ³⁺ /Tb ³⁺ /Mn ²⁺ phosphors. Journal of Materials Chemistry, 2012, 22, 14262.	6.7	130
79	Blue Emitting Ca ₈ La ₂ (PO ₄) ₆ O ₂ :Ce ³⁺ /Eu ²⁺ Phosphors with High Color Purity and Brightness for White LED: Soft-Chemical Synthesis, Luminescence, and Energy Transfer Properties. Journal of Physical Chemistry C, 2012, 116, 10222-10231.	1.5	208
80	Luminescence and energy transfer properties of Ca ₈ Gd ₂ (PO ₄) ₆ O ₂ :A (A = Ce ³⁺ /Eu ²⁺ /Tb ³⁺ /Dy ³⁺ /Mn ²⁺) phosphors. Journal of Materials Chemistry, 2012, 22, 19094.	6.7	93
81	Nanocrystalline CaYAlO ₄ :Tb ³⁺ /Eu ³⁺ as promising phosphors for full-color field emission displays. Dalton Transactions, 2012, 41, 3078.	1.6	156
82	Electrospinning synthesis and luminescence properties of one-dimensional La _{9.33} (SiO ₄) ₆ O ₂ : Ln ³⁺ (Ln =) Tj ETQq0.0.0 rgBT /Overlock 1	1.6	26
83	LaOFâ€‰:â€‰Eu ³⁺ nanocrystals: hydrothermal synthesis, white and color-tuning emission properties. Dalton Transactions, 2012, 41, 5571.	1.6	64
84	Synthesis of Li ^x NaxYF ₄ :Yb ³⁺ /Ln ³⁺ (0 ≤ x ≤ 0.3, Ln = Er, Tm, Ho) nanocrystals with multicolor up-conversion luminescence properties for in vitro cell imaging. Journal of Materials Chemistry, 2012, 22, 20618.	6.7	36
85	Electrospinning synthesis and luminescent properties of one-dimensional Ca ₂ Gd ₈ (SiO ₄) ₆ O ₂ :Eu ³⁺ microfibers and microbelts. Materials Chemistry and Physics, 2012, 136, 1008-1014.	2.0	21
86	Hydrothermal Derived LaOF:Ln ³⁺ (Ln = Eu, Tb, Sm, Dy, Tm, and/or Ho) Nanocrystals with Multicolor-Tunable Emission Properties. Inorganic Chemistry, 2012, 51, 11106-11116.	1.9	128
87	Color-Tunable Emission and Energy Transfer in Ca ₃ Gd ₇ (PO ₄) ₄ (SiO ₄) ₅ O ₂ :Ce ³⁺ /Tb ³⁺ /Mn ²⁺ Phosphors. Inorganic Chemistry, 2012, 51, 11655-11664.	1.9	122
88	Single-Composition Trichromatic White-Emitting Ca ₄ Y ₆ (SiO ₄) ₆ O:Ce ³⁺ /Mn ²⁺ /Tb ³⁺ Phosphor: Luminescence and Energy Transfer. ACS Applied Materials & Interfaces, 2012, 4, 296-305.	4.0	212
89	Design and Synthesis of Multifunctional Drug Carriers Based on Luminescent Rattle-Type Mesoporous Silica Microspheres with a Thermosensitive Hydrogel as a Controlled Switch. Advanced Functional Materials, 2012, 22, 1470-1481.	7.8	148
90	Drug Delivery: Design and Synthesis of Multifunctional Drug Carriers Based on Luminescent Rattle-Type Mesoporous Silica Microspheres with a Thermosensitive Hydrogel as a Controlled Switch (Adv. Funct. Mater. 7/2012). Advanced Functional Materials, 2012, 22, 1539-1539.	7.8	4

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91	Colloidal synthesis and remarkable enhancement of the upconversion luminescence of BaGdF ₅ :Yb ³⁺ /Er ³⁺ nanoparticles by active-shell modification. <i>Journal of Materials Chemistry</i> , 2011, 21, 5923.	6.7	187
92	Tunable luminescence of Ce ³⁺ /Mn ²⁺ -coactivated Ca ₂ Gd ₈ (SiO ₄) ₆ O ₂ through energy transfer and modulation of excitation: potential single-phase white/yellow-emitting phosphors. <i>Journal of Materials Chemistry</i> , 2011, 21, 13334.	6.7	271
93	Cyan-emitting Ti ⁴⁺ - and Mn ²⁺ -coactivated Mg ₂ SnO ₄ as a potential phosphor to enlarge the color gamut for field emission display. <i>Journal of Materials Chemistry</i> , 2011, 21, 6477.	6.7	36
94	(Zn, Mg) ₂ GeO ₄ :Mn ²⁺ submicrorods as promising green phosphors for field emission displays: hydrothermal synthesis and luminescence properties. <i>Dalton Transactions</i> , 2011, 40, 9379.	1.6	86
95	Controllable and white upconversion luminescence in BaYF ₅ :Ln ³⁺ (Ln = Yb, Er). <i>J. Mater. Chem.</i> 2011, 21, 14814.	6.7	148
96	Tunable Luminescence and Energy Transfer properties of Sr ₃ AlO ₄ F:RE ³⁺ (RE = Tm/Tb, Eu, Ce) Phosphors. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 2738-2746.	4.0	162
97	Color Tuning Luminescence of Ce ³⁺ /Mn ²⁺ /Tb ³⁺ -Triactivated Mg ₂ Y ₈ (SiO ₄) ₆ O ₂ via Energy Transfer: Potential Single-Phase White-Light-Emitting Phosphors. <i>Journal of Physical Chemistry C</i> , 2011, 115, 21882-21892.	1.5	214
98	Urchin-like GdPO ₄ and GdPO ₄ :Eu ³⁺ hollow spheres – hydrothermal synthesis, luminescence and drug-delivery properties. <i>Journal of Materials Chemistry</i> , 2011, 21, 3686.	6.7	97
99	Red Emitting Ca ₂ GeO ₄ :Eu ³⁺ Phosphors for Field Emission Displays. <i>Journal of the Electrochemical Society</i> , 2011, 158, J125.	1.3	22
100	Synthesis and Luminescent Properties of Li ₃ Ba ₂ Y ₃ (MoO ₄) ₈ :Ln ³⁺ (Ln = Eu, Tb, Dy) Phosphors for UV-LEDs. <i>Journal of the Electrochemical Society</i> , 2011, 158, H565.	1.3	26
101	Eu ³⁺ /Tb ³⁺ -Doped La ₂ O ₂ CO ₃ /La ₂ O ₃ Nano/Microcrystals with Multiform Morphologies: Facile Synthesis, Growth Mechanism, and Luminescence Properties. <i>Inorganic Chemistry</i> , 2010, 49, 10522-10535.	1.9	114
102	Tunable luminescence in Ce ³⁺ , Mn ²⁺ -codoped calcium fluorapatite through combining emissions and modulation of excitation: a novel strategy to white light emission. <i>Journal of Materials Chemistry</i> , 2010, 20, 6674.	6.7	128