

# Jing Wang

## List of Publications by Year in descending order

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191  
papers

10,313  
citations

23500

58  
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40881

93  
g-index

191  
all docs

191  
docs citations

191  
times ranked

6531  
citing authors

#	ARTICLE	IF	CITATIONS
1	In-situ synthesis of highly stable CsPbBr <sub>3</sub> /PbBrF composite nanocrystals induced by Hydrofluoric acid. Chemical Engineering Journal, 2022, 430, 132680.	6.6	4
2	In Situ Growth of CsPbBr <sub>3</sub> Perovskite Nanocrystals in Lead-Based Matrix toward Significantly Enhanced Water/Photo Stabilities. Advanced Optical Materials, 2022, 10, 2101448.	3.6	7
3	Metal halide perovskite quantum dots for amphiprotic bio-imaging. Coordination Chemistry Reviews, 2022, 452, 214313.	9.5	37
4	Novel ultra-high-temperature zero-thermal quenching plant-protecting type blue-green dual-emission KAl <sub>11</sub> O <sub>17</sub> :Eu <sup>2+</sup> , Mn <sup>2+</sup> phosphors for urban ecological lighting. Journal of Materials Chemistry C, 2022, 10, 3461-3471.	2.7	19
5	Laser speckle reduction via TiO <sub>2</sub> -sapphire composite rotating wheel in laser projection. Journal of the American Ceramic Society, 2022, 105, 4512-4520.	1.9	1
6	Anti-thermal-quenching, color-tunable and ultra-narrow-band cyan green-emitting phosphor for w-LEDs with enhanced color rendering. Chemical Engineering Journal, 2022, 433, 134079.	6.6	32
7	A high thermal stability Cr <sup>3+</sup> -doped gallate far red phosphor for plant lighting: structure, luminescence enhancement and application prospect. Journal of Materials Chemistry C, 2022, 10, 5829-5839.	2.7	23
8	Manganese Ion-Sensitized Near-Infrared Light in Cs <sub>2</sub> NaBi <sub>1-x</sub> Er <sub>x</sub> Cl <sub>6</sub> Lead-Free Double Perovskite. Advanced Optical Materials, 2022, 10, .	3.6	16
9	Long-term stable and highly efficient photoluminescence from Sr <sup>2+</sup> -doped CsPbBr <sub>3</sub> nanocrystals in boro-germanosilicate glass. Ceramics International, 2022, 48, 17596-17603.	2.3	10
10	Engineering the crystallization behavior of CsPbBr <sub>3</sub> quantum dots in borosilicate glass through modulating the glass network modifiers for wide-color-gamut displays. Journal of the European Ceramic Society, 2022, 42, 3586-3594.	2.8	11
11	Adjustable luminescence properties of Eu <sup>3+</sup> and Bi <sup>3+</sup> codoped Ca <sub>3</sub> Zn <sub>3</sub> Te <sub>2</sub> O <sub>12</sub> phosphor. Materials Research Bulletin, 2022, 152, 111851.	2.7	14
12	A simple and generic post-treatment strategy for highly efficient Cr <sup>3+</sup> -activated broadband NIR emitting phosphors for high-power NIR light sources. Journal of Materials Chemistry C, 2022, 10, 8797-8805.	2.7	25
13	Environmentally friendly Fe <sup>3+</sup> -activated near-infrared-emitting phosphors for spectroscopic analysis. Light: Science and Applications, 2022, 11, .	7.7	19
14	Far-red-emitting LaSrRO <sub>4</sub> :Mn <sup>4+</sup> (R=Al and Ga) phosphor: Synthesis and optical properties. Journal of Molecular Structure, 2022, 1265, 133484.	1.8	3
15	In Situ Green Preparation of Highly Stable CsPbBr <sub>3</sub> -Polyimide Films for Flexible Liquid Crystal Displays. Advanced Optical Materials, 2022, 10, .	3.6	4
16	Low-dose X-ray-stimulated LaGaO <sub>3</sub> :Sb,Cr near-infrared persistent luminescence nanoparticles for deep-tissue and renewable in vivo bioimaging. Chemical Engineering Journal, 2021, 404, 127133.	6.6	54
17	The dual-defect passivation role of lithium bromide doping in reducing the nonradiative loss in CsPbX <sub>3</sub> (X = Br and I) quantum dots. Inorganic Chemistry Frontiers, 2021, 8, 658-668.	3.0	15
18	Biodegradable manganese engineered nanocapsules for tumor-sensitive near-infrared persistent luminescence/magnetic resonance imaging and simultaneous chemotherapy. Theranostics, 2021, 11, 8448-8463.	4.6	25

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19	<sup>68</sup> Ga-Labeled Magnetic-NIR Persistent Luminescent Hybrid Mesoporous Nanoparticles for Multimodal Imaging-Guided Chemotherapy and Photodynamic Therapy. ACS Applied Materials & Interfaces, 2021, 13, 9667-9680.	4.0	37
20	X-ray-activated, UVA persistent luminescent materials based on Bi-doped SrLaAlO <sub>4</sub> for deep-Seated photodynamic activation. Journal of Applied Physics, 2021, 129, .	1.1	17
21	Glass crystallization making red phosphor for high-power warm white lighting. Light: Science and Applications, 2021, 10, 56.	7.7	104
22	Robust Yellow-Violet Pigments Tuned by Site-Selective Manganese Chromophores. Inorganic Chemistry, 2021, 60, 11579-11590.	1.9	7
23	A single host phosphor Ca <sub>3</sub> (SiO <sub>3</sub> ) <sub>3</sub> :Eu <sup>2+</sup> , Mn <sup>2+</sup> with good monodispersity for phosphor-converted white LEDs. Journal of Alloys and Compounds, 2021, 868, 159204.	2.8	8
24	Tuning the luminescence properties of blue and far-red dual emitting Gd <sub>2</sub> MgTiO <sub>6</sub> : Bi <sup>3+</sup> , Cr <sup>3+</sup> phosphor for LED plant lamp. Journal of the American Ceramic Society, 2021, 104, 6444-6454.	1.9	17
25	Bismuth-Based Halide Double Perovskite Cs <sub>2</sub> LiBiCl <sub>6</sub> : Crystal Structure, Luminescence, and Stability. Chemistry of Materials, 2021, 33, 5905-5916.	3.2	39
26	Large-Pore Mesoporous-Silica-Assisted synthesis of high-performance ZnGa <sub>2</sub> O <sub>4</sub> :Cr <sup>3+</sup> /Sn <sup>4+</sup> @MSNs multifunctional nanoplatfom with optimized optical probe mass ratio and superior residual pore volume for improved bioimaging and drug delivery. Chemical Engineering Journal, 2021, 420, 130021.	6.6	21
27	Bi <sup>3+</sup> occupancy rearrangement in K <sub>2</sub> -xAlMgGeO <sub>4</sub> phosphor to achieve ultra-broad-band white emission based on alkali metal substitution engineering. Applied Surface Science, 2021, 563, 150252.	3.1	24
28	Dual-Mode Optical Thermometry Design in Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> :Ce <sup>3+</sup> /Mn <sup>4+</sup> Phosphor. Inorganic Chemistry, 2020, 59, 1383-1392.	1.9	127
29	<i>In situ</i> synthesis of high-efficiency CsPbBr <sub>3</sub> /CsPb <sub>2</sub> Br <sub>5</sub> composite nanocrystals in aqueous solution of microemulsion. Green Chemistry, 2020, 22, 5257-5261.	4.6	16
30	Optimization of Ionic Liquid-Mediated Red-Emission Carbon Dots and Their Imaging Application in Living Cells. ACS Sustainable Chemistry and Engineering, 2020, 8, 16979-16989.	3.2	25
31	Anomalous photoluminescence from a K <sub>2</sub> LiInF <sub>6</sub> :Mn <sup>4+</sup> phosphor. Journal of Materials Chemistry C, 2020, 8, 8085-8090.	2.7	20
32	Next-Generation Cancer-Specific Hybrid Theranostic Nanomaterials: MAGE-3 NIR Persistent Luminescence Nanoparticles Conjugated to Afatinib for In Situ Suppression of Lung Adenocarcinoma Growth and Metastasis. Advanced Science, 2020, 7, 1903741.	5.6	34
33	Luminescence and energy transfer in BaY <sub>2</sub> (MoO <sub>4</sub> ) <sub>4</sub> :Tb <sup>3+</sup> ,Eu <sup>3+</sup> phosphors and bifunctional applications in thermometry and light emitting diodes. Journal of Luminescence, 2020, 222, 117185.	1.5	18
34	Pyrophosphate Phosphor Solid Solution with High Quantum Efficiency and Thermal Stability for Efficient LED Lighting. IScience, 2020, 23, 100892.	1.9	27
35	Disentangling site occupancy, cation regulation, and oxidation state regulation of the broadband near infrared emission in a chromium-doped SrGa <sub>4</sub> O <sub>7</sub> phosphor. Inorganic Chemistry Frontiers, 2020, 7, 2313-2321.	3.0	41
36	Charge Transfer Boosting Moisture Resistance of Semirigid Perovskite Nanocrystals via Hierarchical Alumina Modulation. Journal of Physical Chemistry Letters, 2020, 11, 3159-3165.	2.1	16

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37	High-Efficiency Moisture-Resistant Narrowband Emitting Perovskite Nanocrystals for Wide Color Gamut Display. ECS Meeting Abstracts, 2020, MA2020-02, 2725-2725.	0.0	0
38	Highly Stable and Efficient Lead Halide Perovskite Nanocrystals for Light-Emitting Diodes Displays. ECS Meeting Abstracts, 2020, MA2020-02, 2721-2721.	0.0	0
39	Exploration of bluish violet-emitting phosphor $\text{Ca}_3\text{Al}_4\text{ZnO}_{10}:\text{Ti}^{4+}$ with enhanced emission by $\text{Ca}^{2+}$ vacancies. Journal of the American Ceramic Society, 2019, 102, 1843-1851.	1.9	10
40	Photovoltaic efficiency enhancement for crystalline silicon solar cells via a Bi-functional layer based on europium complex@nanozeolite@SiO <sub>2</sub> . Journal of Luminescence, 2019, 215, 116708.	1.5	7
41	Colloidal synthesis of lead-free all-inorganic Cs <sub>3</sub> Sb <sub>2</sub> Br <sub>19-x</sub> nanocrystals. Journal of Information Display, 2019, 20, 201-207.	2.1	10
42	Improving the luminous efficacy and resistance to blue laser irradiation of phosphor-in-glass based solid state laser lighting through employing dual-functional sapphire plate. Journal of Materials Chemistry C, 2019, 7, 354-361.	2.7	70
43	An ultrafast responsive and sensitive ratiometric fluorescent pH nanoprobe based on label-free dual-emission carbon dots. Journal of Materials Chemistry C, 2019, 7, 2563-2569.	2.7	59
44	High-performance and moisture-resistant red-emitting Cs <sub>2</sub> SiF <sub>6</sub> :Mn <sup>4+</sup> for high-brightness LED backlighting. Journal of Materials Chemistry C, 2019, 7, 2401-2407.	2.7	74
45	Photoluminescence properties and energy transfer in a novel Sr <sub>8</sub> ZnY(PO <sub>4</sub> ) <sub>7</sub> :Tb <sup>3+</sup> ,Eu <sup>3+</sup> phosphor with high thermal stability and its great potential for application in warm white light emitting diodes. Journal of Materials Chemistry C, 2019, 7, 2927-2935.	2.7	104
46	Convenient and large-scale synthesis of high-quality, all-inorganic lead halide perovskite nanocrystals for white light-emitting diodes. Chemical Engineering Journal, 2019, 364, 20-27.	6.6	29
47	Optimizing and adjusting the photoluminescence of Mn <sup>4+</sup> -doped fluoride phosphors via forming composite particles. Dalton Transactions, 2019, 48, 711-717.	1.6	20
48	Chemical Transformation of Lead Halide Perovskite into Insoluble, Less Cytotoxic, and Brightly Luminescent CsPbBr <sub>3</sub> /CsPbBr <sub>5</sub> Composite Nanocrystals for Cell Imaging. ACS Applied Materials & Interfaces, 2019, 11, 24241-24246.	4.0	81
49	Crystal structure insight aided design of SrGa <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> :Mn <sup>2+</sup> with multi-band and thermally stable emission for high-power LED applications. Chemical Engineering Journal, 2019, 375, 122016.	6.6	32
50	(INVITED) Stability: A desiderated problem for the lead halide perovskites. Optical Materials: X, 2019, 1, 100023.	0.3	35
51	Optically Modulated Ultra-Broad-Band Warm White Emission in Mn <sup>2+</sup> -Doped (C <sub>6</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub> )PbBr <sub>4</sub> Hybrid Metal Halide Phosphor. Chemistry of Materials, 2019, 31, 5788-5795.	3.2	131
52	Enhancing quantum efficiency and tuning photoluminescence properties in far-red-emitting phosphor Ca <sub>14</sub> Ga <sub>10</sub> Zn <sub>6</sub> O <sub>35</sub> :Mn <sup>4+</sup> based on chemical unit engineering. Chemical Engineering Journal, 2019, 374, 381-391.	6.6	112
53	Local Structure Modulation Induced Highly Efficient Far-Red Luminescence of La <sup>3+</sup> /Lu <sup>3+</sup> AlO <sub>3</sub> :Mn <sup>4+</sup> for Plant Cultivation. Inorganic Chemistry, 2019, 58, 8379-8387.	1.9	68
54	Visual multiple color emission of solid-state carbon dots. Journal of Materials Chemistry C, 2019, 7, 7806-7811.	2.7	15

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55	NIR-excited all-inorganic perovskite quantum dots (CsPbBr <sub>3</sub> ) for a white light-emitting device. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3751-3755.	2.7	34
56	Narrow-Band Red-Emitting Phosphor K <sub>2</sub> SiF <sub>6</sub> :Mn <sup>4+</sup> :HF <sub>2</sub> Free Synthesis, Surface Modification, and Application for Warm White LEDs. <i>ChemistrySelect</i> , 2019, 4, 3891-3897.	0.7	6
57	Highly Luminescent Cesium Lead Halide Perovskite Nanocrystals Stabilized in Glasses for Light-Emitting Applications. <i>Advanced Optical Materials</i> , 2019, 7, 1801663.	3.6	206
58	Comparative study of Mn <sup>4+</sup> 2Eg <sup>†</sup> 4A <sub>2</sub> g luminescence in isostructural A <sub>2</sub> CaWO <sub>6</sub> (A=Ca, Sr, Ba) with double perovskite structure. <i>Optical Materials</i> , 2019, 98, 109496.	1.7	13
59	Zn <sub>3</sub> Ga <sub>2</sub> Ge <sub>2</sub> O <sub>10</sub> :Cr <sup>3+</sup> Uniform Microspheres: Template-Free Synthesis, Tunable Bandgap/Trap Depth, and <i>In Vivo</i> Rechargeable Near-Infrared-Persistent Luminescence. <i>ACS Applied Bio Materials</i> , 2019, 2, 577-587.	2.3	35
60	Controllable and facile synthesis of CsPbBr <sub>3</sub> -Cs <sub>4</sub> PbBr <sub>6</sub> perovskite composites in pure polar solvent. <i>Journal of Colloid and Interface Science</i> , 2019, 537, 384-388.	5.0	44
61	Super-Hydrophobic Cesium Lead Halide Perovskite Quantum Dot-Polymer Composites with High Stability and Luminescent Efficiency for Wide Color Gamut White Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2019, 31, 1042-1047.	3.2	203
62	Photoluminescence properties of a single-phase phosphor NaBaPO <sub>4</sub> :Eu <sup>2+</sup> , Mn <sup>2+</sup> with good thermal stability for white LEDs. <i>Journal of Luminescence</i> , 2019, 206, 11-14.	1.5	7
63	Phase-transition-induced giant enhancement of red emission in Mn <sup>4+</sup> -doped fluoride elpasolite phosphors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3951-3960.	2.7	56
64	Optical Thermometry Based on Vibration Sidebands in Y <sub>2</sub> MgTiO <sub>6</sub> :Mn <sup>4+</sup> Double Perovskite. <i>Inorganic Chemistry</i> , 2018, 57, 3073-3081.	1.9	157
65	Cs <sub>4</sub> PbBr <sub>6</sub> /CsPbBr <sub>3</sub> Perovskite Composites with Near-Unity Luminescence Quantum Yield: Large-Scale Synthesis, Luminescence and Formation Mechanism, and White Light-Emitting Diode Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15905-15912.	4.0	135
66	Monodisperse and brightly luminescent CsPbBr <sub>3</sub> /Cs <sub>4</sub> PbBr <sub>6</sub> perovskite composite nanocrystals. <i>Nanoscale</i> , 2018, 10, 9840-9844.	2.8	100
67	Highly stable ZnGa <sub>2</sub> O <sub>4</sub> :Eu nanocrystals as a fluorescence probe for bio-imaging. <i>Journal of Luminescence</i> , 2018, 199, 492-498.	1.5	7
68	Redefinition of Crystal Structure and Bi <sup>3+</sup> Yellow Luminescence with Strong Near-Ultraviolet Excitation in La <sub>3</sub> BWO <sub>9</sub> :Bi <sup>3+</sup> Phosphor for White Light-Emitting Diodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 13660-13668.	4.0	144
69	Co-precipitation synthesis and photoluminescence properties of BaTiF <sub>6</sub> :Mn <sup>4+</sup> : an efficient red phosphor for warm white LEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 127-133.	2.7	60
70	Responsive upconversion nanoprobe for monitoring and inhibition of EBV-associated cancers <i>via</i> targeting EBNA1. <i>Nanoscale</i> , 2018, 10, 15632-15640.	2.8	25
71	Tunable dual emission of Ca <sub>3</sub> Al <sub>4</sub> ZnO <sub>10</sub> :Bi <sup>3+</sup> , Mn <sup>4+</sup> <i>via</i> energy transfer for indoor plant growth lighting. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8914-8922.	2.7	134
72	High-power laser-driven phosphor-in-glass for excellently high conversion efficiency white light generation for special illumination or display backlighting. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8212-8218.	2.7	81

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73	Highly Stable $K_2SiF_6:Mn^{4+}@K_2SiF_6$ Composite Phosphor with Narrow Red Emission for White LEDs. ACS Applied Materials & Interfaces, 2018, 10, 18082-18092.	4.0	195
74	A new reductive $dI$ -mandelic acid loading approach for moisture-stable $Mn^{4+}$ doped fluorides. Chemical Communications, 2018, 54, 11857-11860.	2.2	73
75	High-Stable Narrow Red Emitting Homogeneous $K_2SiF_6:Mn^{4+}@K_2SiF_6$ Composite Phosphor for White LEDs: Green Synthesis and Water-Resistant Mechanism. ECS Meeting Abstracts, 2018, , .	0.0	0
76	High Color Rendering Index of $Rb_2GeF_6:Mn^{4+}$ for Light-Emitting Diodes. Chemistry of Materials, 2017, 29, 935-939.	3.2	172
77	Silica shell-assisted synthetic route for mono-disperse persistent nanophosphors with enhanced in vivo recharged near-infrared persistent luminescence. Nano Research, 2017, 10, 2070-2082.	5.8	103
78	Highly Efficient and Thermally Stable $K_3AlF_6:Mn^{4+}$ as a Red Phosphor for Ultra-High-Performance Warm White Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2017, 9, 8805-8812.	4.0	245
79	Thermally Stable White Emitting $Eu^{3+}$ Complex@Nanozeolite@Luminescent Glass Composite with High CRI for Organic-Resin-Free Warm White LEDs. ACS Applied Materials & Interfaces, 2017, 9, 7272-7281.	4.0	42
80	Magnetic-NIR Persistent Luminescent Dual-Modal ZGOCS@MSNs@ $Gd_2O_3$ Core-Shell Nanoprobes For In Vivo Imaging. Chemistry of Materials, 2017, 29, 3938-3946.	3.2	113
81	Facile synthesis, morphology and photoluminescence of a novel red fluoride nanophosphor $K_2NaAlF_6:Mn^{4+}$ . Journal of Materials Chemistry C, 2017, 5, 6420-6426.	2.7	104
82	Colour tuning via crystalline site-selected energy transfer in a $Sr_2SiO_4:Eu^{2+},Pr^{3+}$ phosphor. Journal of Materials Chemistry C, 2017, 5, 1022-1026.	2.7	26
83	Photoluminescence properties of a novel red fluoride $K_2LiGaF_6:Mn^{4+}$ nanophosphor. RSC Advances, 2017, 7, 30588-30593.	1.7	47
84	All-Inorganic Light Convertor Based on Phosphor-in-Glass Engineering for Next-Generation Modular High-Brightness White LEDs/LDs. ACS Photonics, 2017, 4, 986-995.	3.2	223
85	Luminescence, energy transfer and optical thermometry of a novel narrow red emitting phosphor: $Cs_2WO_4F:Mn^{4+}$ . Dalton Transactions, 2017, 46, 14331-14340.	1.6	83
86	Controlling Crystallization of All-Inorganic Perovskite Films for Ultralow-Threshold Amplification Spontaneous Emission. ACS Applied Materials & Interfaces, 2017, 9, 32920-32929.	4.0	23
87	Highly stable $CsPbBr_3$ quantum dots coated with alkyl phosphate for white light-emitting diodes. Nanoscale, 2017, 9, 15286-15290.	2.8	230
88	Toward $Bi^{3+}$ Red Luminescence with No Visible Reabsorption through Manageable Energy Interaction and Crystal Defect Modulation in Single $Bi^{3+}$ -Doped $ZnWO_4$ Crystal. Chemistry of Materials, 2017, 29, 8412-8424.	3.2	148
89	Controlling of Structural Ordering and Rigidity of $\tilde{I}^2$ -SiAlON:Eu through Chemical Cosubstitution to Approach Narrow-Band-Emission for Light-Emitting Diodes Application. Chemistry of Materials, 2017, 29, 6781-6792.	3.2	57
90	Enhanced Photoluminescence Emission and Thermal Stability from Introduced Cation Disorder in Phosphors. Journal of the American Chemical Society, 2017, 139, 11766-11770.	6.6	190

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91	Optimized photoluminescence of red phosphor $K_2LiAlF_6:Mn^{4+}$ synthesized by a cation-exchange method. <i>Science China Technological Sciences</i> , 2017, 60, 1458-1464.	2.0	13
92	Sesame-derived ions co-doped fluorescent carbon nanoparticles for bio-imaging, sensing and patterning applications. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 900-910.	4.0	31
93	Nanocomposites of $CsPbBr_3$ perovskite nanocrystals in an ammonium bromide framework with enhanced stability. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7431-7435.	2.7	80
94	(Invited) All-Inorganic YAG Phosphor-in-Glass Light Converter for Next-Generation Modular High-Brightness White LEDs/Lds. <i>ECS Meeting Abstracts</i> , 2017, , .	0.0	0
95	Double substitution induced tunable luminescent properties of $Ca_{3-x}Y_xSc_2-zMg_xSi_3O_{12}:Ce^{3+}$ phosphors for white LEDs. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5671-5678.	2.7	32
96	Hydrothermal synthesis, morphology and photoluminescent properties of an $Mn^{4+}$ -doped novel red fluoride phosphor elpasolite $K_2LiAlF_6$ . <i>Journal of Materials Chemistry C</i> , 2016, 4, 5690-5695.	2.7	148
97	Rare Earth Solar Spectral Converter for Si Solar Cells. , 2016, , 139-166.		2
98	Blue-emitting phosphor $Ba_4OCl_6:Eu^{2+}$ with good thermal stability and a tiny chromaticity shift for white LEDs. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2367-2373.	2.7	66
99	HF-Free Hydrothermal Route for Synthesis of Highly Efficient Narrow-Band Red Emitting Phosphor $K_2SiF_6:Mn^{4+}$ for Warm White Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2016, 28, 1495-1502.	3.2	365
100	Facile Preparation and Ultrastable Performance of Single-Component White-Light-Emitting Phosphor-in-Glass used for High-Power Warm White LEDs. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 28122-28127.	4.0	112
101	Unusual Concentration Induced Antithermal Quenching of the $Bi^{2+}$ Emission from $Sr_2P_2O_7:Bi^{2+}$ . <i>Inorganic Chemistry</i> , 2015, 54, 6028-6034.	1.9	50
102	A novel high thermal stability $Ce^{3+}$ -doped $Ca_5(SiO_4)_2F_2$ blue-emitting phosphor for near UV-excited white light-emitting diodes. <i>Materials Letters</i> , 2015, 160, 5-8.	1.3	15
103	Core-decomposition-facilitated fabrication of hollow rare-earth silicate nanowalnuts from core-shell structures via the Kirkendall effect. <i>Nanoscale</i> , 2015, 7, 13715-13722.	2.8	17
104	Tunable Luminescent Properties and Concentration-Dependent, Site-Preferable Distribution of $Eu^{2+}$ Ions in Silicate Glass for White LEDs Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 10044-10054.	4.0	197
105	Ethylene vinyl acetate films filled with ytterbium containing rare earth particles ( $Y_2SiO_5:Ce^{3+}, Yb^{3+}$ ) which have optical down-conversion capabilities and useful for encapsulating solar cells. <i>Journal of Plastic Film and Sheeting</i> , 2015, 31, 233-247.	1.3	9
106	Preparation and Luminescence Properties of $Eu^{2+}$ and $Mn^{2+}$ Coactivated Tricalcium Phosphate Phosphors. <i>Journal of the American Ceramic Society</i> , 2014, 97, 3631-3635.	1.9	12
107	Near ultraviolet and visible-to-near-infrared spectral converting properties and energy transfer mechanism of $Sr_2SiO_4:Ce^{3+}, Pr^{3+}$ phosphor. <i>Optical Materials Express</i> , 2014, 4, 227.	1.6	14
108	$Yb^{3+}$ site occupation and host sensitization luminescence of a novel near-infrared emitting $Sr_2CaMoO_6:Yb^{3+}$ phosphor. <i>Physica Status Solidi - Rapid Research Letters</i> , 2014, 8, 202-205.	1.2	7

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109	Two-color emitting of Eu <sup>2+</sup> and Tb <sup>3+</sup> co-doped Sr <sub>2</sub> MgSi <sub>2</sub> O <sub>7</sub> for UV LEDs. <i>Optical Materials</i> , 2014, 36, 1649-1654.	1.7	31
110	Enhancement of UV absorption and near-infrared emission of Er <sup>3+</sup> in Li <sub>2</sub> SrSiO <sub>4</sub> :Ce <sup>3+</sup> , Er <sup>3+</sup> for Ge solar spectral convertor. <i>Optical Materials</i> , 2014, 36, 1871-1873.	1.7	9
111	Color centers and dynamic emission of Eu <sup>2+</sup> ion doped halosilicate Ca <sub>10</sub> Si <sub>6</sub> O <sub>21</sub> Cl <sub>2</sub> . <i>Applied Physics A: Materials Science and Processing</i> , 2014, 115, 1215-1221.	1.1	6
112	Synthesis, Persistent Luminescence, and Thermoluminescence Properties of Yellow Sr <sub>3</sub> SiO <sub>5</sub> :Eu <sup>2+</sup> , RE <sup>3+</sup> (RE=Ce, Nd, Dy, Ho, Er, Tm, Yb) and Orange-Red Sr <sub>3</sub> BaSiO <sub>5</sub> :Eu <sup>2+</sup> , Dy <sup>3+</sup> . <i>Phosphor. Chemistry - an Asian Journal</i> , 2014, 9, 494-499.	1.7	47
113	Highly Thermally Stable Single-Component White-Emitting Silicate Glass for Organic-Resin-Free White-Light-Emitting Diodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 2709-2717.	4.0	220
114	Some interesting phenomena in the study of rare earth long lasting phosphors. <i>Optical Materials</i> , 2014, 36, 1894-1900.	1.7	17
115	A high color purity red emitting phosphor CaYAlO <sub>4</sub> :Mn <sup>4+</sup> for LEDs. <i>Journal of Solid State Lighting</i> , 2014, 1, .	2.3	39
116	Controllable Synthesis of NaLu(WO <sub>4</sub> ) <sub>2</sub> :Eu <sup>3+</sup> Microcrystal and Luminescence Properties for LEDs. <i>Crystal Growth and Design</i> , 2014, 14, 3767-3773.	1.4	49
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