

# Jianbei Qiu

## List of Publications by Year in descending order

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241  
papers

6,252  
citations

71102

41  
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123424

61  
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243  
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243  
docs citations

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times ranked

3896  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved thermal stability of the near-infrared Al-modulated Zn <sub>3</sub> Ga <sub>2</sub> GeO <sub>8</sub> : Cr <sup>3+</sup> phosphors for plant growth applications. <i>Journal of the American Ceramic Society</i> , 2022, 105, 966-976.	3.8	18
2	Multiple Anti-Counterfeiting and optical storage of reversible dual-mode luminescence modification in photochromic CaWO <sub>4</sub> : Yb <sup>3+</sup> , Er <sup>3+</sup> , Bi <sup>3+</sup> phosphor. <i>Chemical Engineering Journal</i> , 2022, 429, 132333.	12.7	71
3	Enhancement of solar-driven photocatalytic activity of oxygen vacancy-rich Bi/BiOBr/Sr <sub>2</sub> LaF <sub>7</sub> :Yb <sup>3+</sup> ,Er <sup>3+</sup> composites through synergetic strategy of upconversion function and plasmonic effect. <i>Journal of Environmental Sciences</i> , 2022, 115, 76-87.	6.1	27
4	All-Inorganic Perovskite Polymer-Ceramics for Flexible and Refreshable X-Ray Imaging. <i>Advanced Functional Materials</i> , 2022, 32, 2107424.	14.9	69
5	Effect of cation vacancy on lattice and luminescence properties in CsPbBr <sub>3</sub> quantum dots. <i>Ceramics International</i> , 2022, 48, 3383-3389.	4.8	9
6	Trade-off Lattice Site Occupancy Engineering Strategy for Near-Infrared Phosphors with Ultrabroad and Tunable Emission. <i>Advanced Optical Materials</i> , 2022, 10, 2101633.	7.3	46
7	Intense single-band red upconversion luminescence of Er <sup>3+</sup> /Yb <sup>3+</sup> codoped BiOCl nanocrystals via a facile solvothermal strategy. <i>Journal of Solid State Chemistry</i> , 2022, 307, 122744.	2.9	5
8	Highly sensitive optical thermometer of Sm <sup>3+</sup> , Mn <sup>4+</sup> activated LaGaO <sub>3</sub> phosphor for the regulated thermal behavior. <i>Journal of the American Ceramic Society</i> , 2022, 105, 2804-2812.	3.8	20
9	Tailored up-conversion luminescence output of Al-modulated KYbF <sub>4</sub> : Er <sup>3+</sup> nanocrystals for a low-temperature sensor. <i>CrystEngComm</i> , 2022, 24, 1764-1772.	2.6	3
10	Large reversible upconversion luminescence modification and 3D optical information storage in femtosecond laser irradiation-subjected photochromic glass. <i>Science China Materials</i> , 2022, 65, 1586-1593.	6.3	17
11	Identifying and utilizing optical properties in the CaSrNb <sub>2</sub> O <sub>7</sub> :Pr <sup>3+</sup> phosphor at low temperature. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3547-3552.	5.5	9
12	Enhancement of green upconversion luminescence of Yb <sup>3+</sup> /Tb <sup>3+</sup> co-doped BiOBr nanosheets and its potential applications in photocatalysis. <i>Journal of Solid State Chemistry</i> , 2022, 308, 122897.	2.9	9
13	A Temporal and Space Anti-counterfeiting Based on the Four-Modal Luminescent Ba <sub>2</sub> Zr <sub>2</sub> Si <sub>3</sub> O <sub>12</sub> Phosphors. <i>Inorganic Chemistry</i> , 2022, 61, 3223-3229.	4.0	14
14	Indirect and time-lapse X-ray detection with Ba <sub>2</sub> LuNbO <sub>6</sub> :Bi <sup>3+</sup> double perovskite phosphors. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6481-6487.	5.5	6
15	Anti-counterfeiting applications by photochromism induced modulation of reversible upconversion luminescence in TiO <sub>2</sub> :Yb <sup>3+</sup> ,Er <sup>3+</sup> ceramic. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6243-6251.	5.5	26
16	Water-induced CsBr crystalline transition to CsPbBr <sub>3</sub> and the change of luminescence properties in borophosphate glass. <i>Journal of the American Ceramic Society</i> , 2022, 105, 4699-4708.	3.8	8
17	Seed-Assisted Growth of Methylammonium-Free Perovskite for Efficient Inverted Perovskite Solar Cells. <i>Small Methods</i> , 2022, 6, e2200048.	8.6	9
18	High-Resolution X-Ray Time-Lapse Imaging from Fluoride Nanocrystals Embedded in Glass Matrix. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	21

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19	Order-disorder structural transition in Pr <sup>3+</sup> -doped Ba <sub>3</sub> Ga <sub>2</sub> O <sub>6</sub> for rewritable and write-once-read-many optical data storage. <i>Ceramics International</i> , 2022, , .	4.8	2
20	Preparation and photoluminescence of Cs <sub>4</sub> PbBr <sub>6</sub> perovskite quantum dot embedded in borophosphate glass. <i>Journal of Alloys and Compounds</i> , 2022, 911, 165004.	5.5	7
21	The Transformation from Translucent into Transparent Rare Earth Ions Doped Oxyfluoride Glass—Ceramics with Enhanced Luminescence. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	15
22	Entirely Reversible Photochromic Glass with High Coloration and Luminescence Contrast for 3D Optical Storage. <i>ACS Energy Letters</i> , 2022, 7, 2060-2069.	17.4	44
23	Lead-Free Double Perovskite Cs <sub>2</sub> NaErCl <sub>6</sub> : Li <sup>+</sup> as High-Stability Anodes for Li-Ion Batteries. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 4981-4987.	4.6	6
24	The effect of melt-homogenization and heat-treatment on the optical properties of the rare earth doped oxyfluoride glass-ceramics. <i>Journal of Non-Crystalline Solids</i> , 2022, 593, 121773.	3.1	3
25	A NIR to NIR rechargeable long persistent luminescence phosphor Ca <sub>2</sub> Ga <sub>2</sub> GeO <sub>7</sub> :Yb <sup>3+</sup> ,Tb <sup>3+</sup> . <i>Journal of Rare Earths</i> , 2021, 39, 1520-1526.	4.8	14
26	Transparent perovskite glass-ceramics for visual optical thermometry. <i>Journal of Rare Earths</i> , 2021, 39, 712-717.	4.8	29
27	980Ånm-excited multiphoton photocarrier separation process of Yb <sup>3+</sup> ions under internal electric field and its upconverting modification on Eu <sup>3+</sup> ions. <i>Journal of Luminescence</i> , 2021, 229, 117710.	3.1	2
28	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. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 658-668.	6.0	15
29	Intermediate excited state suppression and upconversion enhancement of Er <sup>3+</sup> ions by carbon-doping boosting photocarrier separation in bismuth oxychloride nanosheets. <i>Journal of Colloid and Interface Science</i> , 2021, 588, 838-846.	9.4	7
30	An unusual strategy of Ca <sup>2+</sup> heterovalent doping enabled upconversion enhancement of Er <sup>3+</sup> in bismuth oxychloride layered semiconducting crystals. <i>Journal of Alloys and Compounds</i> , 2021, 854, 157252.	5.5	20
31	Influences of copper—potassium ion exchange process on the optical bandgaps and spectroscopic properties of Cr <sup>3+</sup> /Yb <sup>3+</sup> co-doped in lanthanum aluminosilicate glasses. <i>RSC Advances</i> , 2021, 11, 8917-8926.	3.6	3
32	A reversible and fast-responsive humidity sensor based on a lead-free Cs <sub>2</sub> TeCl <sub>6</sub> double perovskite. <i>Materials Advances</i> , 2021, 2, 1043-1049.	5.4	23
33	Highly stable humidity sensor based on lead-free Cs <sub>3</sub> Bi <sub>2</sub> Br <sub>9</sub> perovskite for breath monitoring. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11299-11305.	5.5	26
34	Enhanced upconversion luminescence of BiOCl:Yb <sup>3+</sup> ,Er <sup>3+</sup> nanosheets via carbon dot modification and their optical temperature sensing. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4280-4290.	5.9	20
35	Optical bandgaps and visible/near-infrared emissions of Bi <sup>n+</sup> -doped (n = 1, 2, and 3) fluoroaluminosilicate glasses via Ag <sup>+</sup> -K <sup>+</sup> ions exchange process. <i>Optical Materials</i> , 2021, 112, 110762.	3.6	5
36	All-Inorganic Lead Free Double Perovskite Li-Battery Anode Material Hosting High Li <sup>+</sup> Ion Concentrations. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 4125-4129.	4.6	14

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37	Multi-photon near-infrared emission of Er <sup>3+</sup> ions induced by upconversion self-sensitization of layered polarized Bi <sub>9</sub> V <sub>2</sub> O <sub>18</sub> Cl semiconductor with narrow-band. Journal of Luminescence, 2021, 232, 117819.	3.1	2
38	A dynamic three-path authenticating model for anti-counterfeiting in a single host of CaAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> . Chemical Engineering Journal, 2021, 412, 128695.	12.7	35
39	Er <sup>3+</sup> /Yb <sup>3+</sup> ions doped fluoroaluminosilicate glass-ceramics as a temperature-sensing material. Journal of the American Ceramic Society, 2021, 104, 4471-4478.	3.8	13
40	A Highly Stable Photodetector Based on a Lead-Free Double Perovskite Operating at Different Temperatures. Journal of Physical Chemistry Letters, 2021, 12, 5682-5688.	4.6	20
41	Highly Resolved and Robust Dynamic X-Ray Imaging Using Perovskite Glass-Ceramic Scintillator with Reduced Light Scattering. Advanced Science, 2021, 8, e2003728.	11.2	128
42	Reversible 3D optical data storage and information encryption in photo-modulated transparent glass medium. Light: Science and Applications, 2021, 10, 140.	16.6	95
43	Broadband, Enhanced, and Antithermally Quenched Near-Infrared Phosphors via a Cosubstitution Approach. Inorganic Chemistry, 2021, 60, 11616-11625.	4.0	21
44	Reproducible X-Ray Imaging with a Perovskite Nanocrystal Scintillator Embedded in a Transparent Amorphous Network Structure. Advanced Materials, 2021, 33, e2102529.	21.0	140
45	Tailored Luminescence Output of Bi <sup>3+</sup> -Doped BaGa <sub>2</sub> O <sub>4</sub> Phosphors with the Assistance of the Introduction of Sr <sup>2+</sup> Ions as Secondary Cations. Inorganic Chemistry, 2021, 60, 14467-14474.	4.0	14
46	Thermal engineering of electron-trapping materials for "Smart-Write-In" optical data storage. Chemical Engineering Journal, 2021, 420, 129788.	12.7	8
47	A novel upconversion luminescence temperature sensing material: Negative thermal expansion Y <sub>2</sub> Mo <sub>3</sub> O <sub>12</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> and positive thermal expansion Y <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> mixed phosphor. Journal of Alloys and Compounds, 2021, 880, 160156.	5.5	25
48	Internal electric field and oxygen vacancies synergistically enhancing luminescence properties of Eu <sup>3+</sup> -doped bismuth oxychloride microcrystals. Journal of Luminescence, 2021, 240, 118454.	3.1	2
49	Highly Efficient and Tunable Emission of Lead-Free Manganese Halides toward White Light-Emitting Diode and X-Ray Scintillation Applications. Advanced Functional Materials, 2021, 31, 2009973.	14.9	160
50	Enhancing the near-infrared photocatalytic activity and upconversion luminescence of BiOCl:Yb <sup>3+</sup> /Er <sup>3+</sup> nanosheets with polypyrrole <i>in situ</i> modification. Journal of Materials Chemistry C, 2021, 9, 15251-15262.	5.5	14
51	Transparent Medium Embedded with CdS Quantum Dots for X-Ray Imaging. Advanced Optical Materials, 2021, 9, 2101607.	7.3	20
52	Variation from Zero to Negative Thermal Quenching of Phosphor with Assistance of Defect States. Inorganic Chemistry, 2021, 60, 19365-19372.	4.0	20
53	Selective preparation of Ag species on photoluminescence of Sm <sup>3+</sup> in borosilicate glass via Ag + Na <sup>+</sup> ion exchange. Journal of the American Ceramic Society, 2020, 103, 955-964.	3.8	13
54	Laser induced thermochromism and reversible upconversion emission modulation of a novel WO <sub>3</sub> :Yb <sup>3+</sup> ,Er <sup>3+</sup> ceramic: dual-modal fingerprint acquisition application. Chemical Engineering Journal, 2020, 383, 123180.	12.7	48

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55	Warm white light emitting from single composition SrGa <sub>12</sub> O <sub>19</sub> :Dy <sup>3+</sup> phosphors for ACLED. Journal of the American Ceramic Society, 2020, 103, 335-345.	3.8	21
56	Near infrared light-induced photocurrent in NaF <sub>4</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> /WO <sub>2.72</sub> composite film. Journal of the American Ceramic Society, 2020, 103, 1677-1684.	3.8	5
57	Optical thermometry properties of silicate glass ceramics with dual-phase for spatial isolation of Er <sup>3+</sup> and Cr <sup>3+</sup> . Journal of Luminescence, 2020, 219, 116861.	3.1	34
58	Multiple-response anti-counterfeiting realized in CaYAl <sub>3</sub> O <sub>7</sub> host with the dual coexistence of Eu <sup>2+</sup> /Eu <sup>3+</sup> . Journal of the American Ceramic Society, 2020, 103, 2235-2243.	3.8	13
59	Silver nanoparticles enhanced luminescence and stability of CsPbBr <sub>3</sub> perovskite quantum dots in borosilicate glass. Journal of the American Ceramic Society, 2020, 103, 2463-2470.	3.8	37
60	Intense single-band red upconversion emission in BiOCl:Er <sup>3+</sup> layered semiconductor via co-doping Ho <sup>3+</sup> . Journal of Rare Earths, 2020, 38, 577-583.	4.8	10
61	Temperature sensing behavior of Tm <sup>3+</sup> : 1G <sub>4</sub> (a), 1G <sub>4</sub> (b) in oxyfluoride glass ceramics containing BaYbY(1-1)F <sub>5</sub> nanocrystals. Journal of Rare Earths, 2020, 38, 356-361.	4.8	3
62	Atomic-Level Passivation of Individual Upconversion Nanocrystal for Single Particle Microscopic Imaging. Advanced Functional Materials, 2020, 30, 1906137.	14.9	28
63	High-Stable X-ray Imaging from All-Inorganic Perovskite Nanocrystals under a High Dose Radiation. Journal of Physical Chemistry Letters, 2020, 11, 9203-9209.	4.6	43
64	Influence of Cr <sup>3+</sup> on yellowish-green UC emission and energy transfer of Er <sup>3+</sup> /Cr <sup>3+</sup> /Yb <sup>3+</sup> tri-doped zinc silicate glasses. Journal of the American Ceramic Society, 2020, 103, 6356-6368.	3.8	10
65	<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.	9.0	16
66	Fingerprint Acquisition Based on Photo-Thermal Coloration of MoO <sub>3</sub> Ceramic upon the Irradiation of Multiband Light outside the Bandgap. Advanced Materials Technologies, 2020, 5, 2000562.	5.8	6
67	Multimode Highly Tunable Photoluminescence of Eu <sup>3+</sup> Ions Induced by Surface Photovoltage of Bi <sub>9</sub> V <sub>2</sub> O <sub>18</sub> Cl Perovskite Oxychloride Nanosheets and Application for Advanced Anticounterfeiting Agents. Journal of Physical Chemistry C, 2020, 124, 27811-27819.	3.1	4
68	Fingerprint Acquisition: Fingerprint Acquisition Based on Photo-Thermal Coloration of MoO <sub>3</sub> Ceramic upon the Irradiation of Multiband Light outside the Bandgap (Adv. Mater.) Tj ETQq0 0.8gBT /Overlock 10		
69	Broadband near-infrared emitting from Li <sub>1.6</sub> Zn <sub>1.6</sub> Sn <sub>2.8</sub> O <sub>8</sub> :Cr <sup>3+</sup> phosphor by two-site occupation and Al <sup>3+</sup> cationic regulation. Materials and Design, 2020, 192, 108701.	7.0	44
70	Atomic-Scale Insights into the Dynamics of Growth and Degradation of All-Inorganic Perovskite Nanocrystals. Journal of Physical Chemistry Letters, 2020, 11, 4618-4624.	4.6	20
71	Ca <sup>2+</sup> /Sr <sup>2+</sup> /Ba <sup>2+</sup> dependent phase separation, nanocrystallization and photoluminescence in fluoroaluminosilicate glass. Journal of the American Ceramic Society, 2020, 103, 5796-5807.	3.8	14
72	An orange-emitting phosphor BaSrGa <sub>4</sub> O <sub>8</sub> :Bi <sup>3+</sup> ,K <sup>+</sup> with unique one-dimensional chain structure for high index color WLEDs. Journal of the American Ceramic Society, 2020, 103, 6075-6080.	3.8	12

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73	Modification photon avalanche emission of BiOCl: Er <sup>3+</sup> nanosheets through facile solvent-thermal synthesis. <i>Inorganic Chemistry Communication</i> , 2020, 117, 107934.	3.9	6
74	Long Persistent Luminescence from All-Inorganic Perovskite Nanocrystals. <i>Advanced Optical Materials</i> , 2020, 8, 2000585.	7.3	37
75	The synthesis of a perovskite CsPbBr <sub>3</sub> quantum dot superlattice in borosilicate glass. <i>Chemical Communications</i> , 2020, 56, 4460-4463.	4.1	30
76	Achieving high thermal stability of different rare-earth ions in a single matrix host <i>via</i> the manipulation of the local structure by a solid solution. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 16294-16300.	2.8	10
77	A new strategy of interlayer doping of Li ions for the photoluminescence enhancement of Eu <sup>3+</sup> -doped bismuth oxychloride layered semiconductors. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3106-3114.	6.0	8
78	<i>In Situ</i> Observation of Nucleation and Crystallization of a Single Nanoparticle in Transparent Media. <i>Journal of Physical Chemistry C</i> , 2020, 124, 15533-15540.	3.1	9
79	Novel organic-inorganic hybrid powder SrGa <sub>12</sub> O <sub>19</sub> :Mn <sup>2+</sup> ethyl cellulose for efficient latent fingerprint recognition <i>via</i> time-gated fluorescence. <i>RSC Advances</i> , 2020, 10, 8233-8243.	3.6	18
80	Ultrahigh photo-stable all-inorganic perovskite nanocrystals and their robust random lasing. <i>Nanoscale Advances</i> , 2020, 2, 888-895.	4.6	6
81	Unusual photoluminescence regulation of single-crystalline BiOCl:Eu <sup>3+</sup> nanosheet by C-heterovalent doping: The evidence of photoferroelectric effect on the transitions of the RE <sup>3+</sup> optical activator. <i>Ceramics International</i> , 2020, 46, 8299-8307.	4.8	10
82	Energy transfer and spectroscopic properties of Cr <sup>3+</sup> /Yb <sup>3+</sup> co-doped TeO <sub>2</sub> :Zn:La <sub>2</sub> O <sub>3</sub> tellurite glasses under different wavelength excitation lights. <i>Optical Materials</i> , 2020, 100, 109662.	3.6	11
83	Reversible multiplexing for optical information recording, erasing, and reading-out in photochromic BaMgSiO <sub>4</sub> :Bi <sup>3+</sup> luminescence ceramics. <i>Science China Materials</i> , 2020, 63, 582-592.	6.3	57
84	NIR-NIR upconverting optical temperature sensing based on the thermally coupled levels of Yb <sup>3+</sup> -Tm <sup>3+</sup> codoped Bi <sub>7</sub> F <sub>11</sub> O <sub>5</sub> nanosheets. <i>Journal of Luminescence</i> , 2020, 221, 117034.	3.1	18
85	Electrochromism induced reversible upconversion luminescence modulation of WO <sub>3</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> inverse opals for optical storage application. <i>Chemical Engineering Journal</i> , 2020, 394, 124967.	12.7	30
86	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. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2313-2321.	6.0	41
87	Perovskite quantum dots growth in situ in transparent medium for short wavelength shielding. <i>Journal of the American Ceramic Society</i> , 2020, 103, 4150-4158.	3.8	10
88	808-nm-excited multiband NIR emission with looping mechanism and intrinsic bistability in Er <sup>3+</sup> singly-doped BiOCl layered semiconductor. <i>Optical Materials</i> , 2020, 102, 109806.	3.6	2
89	Novel Strategy for Designing Photochromic Ceramic: Reversible Upconversion Luminescence Modification and Optical Information Storage Application in the PbWO <sub>4</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> Photochromic Ceramic. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 21936-21943.	8.0	63
90	Broadband near-infrared emission enhancement in K <sub>2</sub> Ga <sub>2</sub> Sn <sub>6</sub> O <sub>16</sub> :Cr <sup>3+</sup> phosphor by electron-lattice coupling regulation. <i>Journal of the American Ceramic Society</i> , 2020, 103, 5067-5075.	3.8	54

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91	Highly Sensitive Detection of Amaranth Realized with Upconversion Nanoparticles-Based Solid Sensor. <i>Journal of the Electrochemical Society</i> , 2020, 167, 127511.	2.9	5
92	Ultraviolet C lasing at 263 nm from Ba <sub>2</sub> LaF <sub>7</sub> :Yb <sup>3+</sup> ,Tm <sup>3+</sup> upconversion nanocrystal microcavities. <i>Optics Letters</i> , 2020, 45, 5986.	3.3	9
93	Study of Crystallization and Coalescence of Nanocrystals in Amorphous Glass at High Temperature. <i>Inorganic Chemistry</i> , 2019, 58, 9500-9504.	4.0	8
94	Structural Origins of BaF <sub>2</sub> /Ba <sub>1-x</sub> R <sub>x</sub> F <sub>2+x</sub> /RF <sub>3</sub> Nanocrystals Formation from Phase Separated Fluoroaluminosilicate Glass: A Molecular Dynamic Simulation Study. <i>Advanced Theory and Simulations</i> , 2019, 2, 1900062.	2.8	5
95	Effect of melting temperature on the structure of self-crystallized Ba <sub>2</sub> LaF <sub>7</sub> glass-ceramics. <i>Journal of Non-Crystalline Solids</i> , 2019, 523, 119579.	3.1	9
96	BiOCl:Er <sup>3+</sup> Nanosheets with Tunable Thickness for Photon Avalanche Phosphors. <i>ACS Applied Nano Materials</i> , 2019, 2, 7652-7660.	5.0	16
97	High-performance and moisture-resistant red-emitting Cs <sub>2</sub> SiF <sub>6</sub> :Mn <sup>4+</sup> for high-brightness LED backlighting. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2401-2407.	5.5	74
98	Intense one-band near-infrared upconversion luminescence induced by using spontaneous polarization BiOCl sheet crystals as hosts for Yb <sup>3+</sup> and Tm <sup>3+</sup> ions. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 612-620.	6.0	15
99	Recent developments and progress of inorganic photo-stimulated phosphors. <i>Journal of Rare Earths</i> , 2019, 37, 679-690.	4.8	37
100	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. <i>Chemical Engineering Journal</i> , 2019, 375, 122016.	12.7	32
101	Phase-Selective Distribution of Eu <sup>2+</sup> and Eu <sup>3+</sup> in Oxide and Fluoride Crystals in Glass-Ceramics for Warm White-Light-Emitting Diodes. <i>ACS Applied Electronic Materials</i> , 2019, 1, 961-971.	4.3	61
102	Red photo-stimulated luminescence from deep traps of BaZrGe <sub>3</sub> O <sub>9</sub> : Pr <sup>3+</sup> for optical imaging application. <i>Journal of Alloys and Compounds</i> , 2019, 800, 224-230.	5.5	12
103	Reversible Modulated Upconversion Luminescence of MoO <sub>3</sub> :Yb <sup>3+</sup> ,Er <sup>3+</sup> Thermochromic Phosphor for Switching Devices. <i>Inorganic Chemistry</i> , 2019, 58, 6950-6958.	4.0	29
104	Detection of Cell Viability via Fluorescence Labeling of Silicate Phosphor with a Low-Temperature Superlong Persistent Luminescence. <i>ACS Applied Bio Materials</i> , 2019, 2, 2610-2616.	4.6	4
105	Reversible Upconversion Luminescence Modification Based on Photochromism in BaMgSiO <sub>4</sub> :Yb <sup>3+</sup> ,Tb <sup>3+</sup> Ceramics for Anti-Counterfeiting Applications. <i>Advanced Optical Materials</i> , 2019, 7, 1900213.	7.3	122
106	Simultaneous phase and morphology control of Ba <sub>2</sub> YbF <sub>7</sub> : Er <sup>3+</sup> upconversion nanocrystals through La <sup>3+</sup> doping. <i>Materials Research Bulletin</i> , 2019, 115, 242-246.	5.2	5
107	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.	5.5	34
108	High Water Resistance of Monoclinic CsPbBr <sub>3</sub> Nanocrystals Derived from Zero-Dimensional Cesium Lead Halide Perovskites. <i>ACS Omega</i> , 2019, 4, 6084-6091.	3.5	35

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109	No interference Reading for Optical Information Storage and Ultra-Multiple Anti-Counterfeiting Applications by Designing Targeted Recombination in Charge Carrier Trapping Phosphors. <i>Advanced Optical Materials</i> , 2019, 7, 1900006.	7.3	87
110	Improving upconversion emission of NaYF <sub>4</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> nanoparticles by coupling Au nanoparticles and photonic crystals: The detection enhancement of Rhodamine B. <i>Journal of Alloys and Compounds</i> , 2019, 788, 1265-1273.	5.5	16
111	Abnormally heat-enhanced Yb excited state lifetimes in Bi <sub>7</sub> F <sub>11</sub> O <sub>5</sub> nanocrystals and the potential applications in lifetime luminescence nanothermometry. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13811-13817.	5.5	16
112	Influence of glass composition on photoluminescence from Ge <sup>2+</sup> or Ag nano-cluster in germanate glasses for white light-emitting diodes. <i>Journal of the American Ceramic Society</i> , 2019, 102, 1169-1179.	3.8	9
113	Upconversion luminescence modification induced near infrared luminescence enhancement of Bi <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> inverse opals. <i>Journal of Luminescence</i> , 2019, 208, 150-154.	3.1	20
114	Low-temperature red long-persistent luminescence of Pr <sup>3+</sup> doped NaNbO <sub>3</sub> with a perovskite structure. <i>Journal of Luminescence</i> , 2019, 208, 290-295.	3.1	33
115	Ultra-high sensitivity of rhodamine B sensing based on NaGdF <sub>4</sub> :Yb <sup>3+</sup> ,Er <sup>3+</sup> @NaGdF <sub>4</sub> core-shell upconversion nanoparticles. <i>Journal of Rare Earths</i> , 2019, 37, 339-344.	4.8	8
116	Preparation and photoluminescence enhancement of Au nanoparticles with ultra-broad plasmonic absorption in glasses. <i>Journal of the American Ceramic Society</i> , 2019, 102, 4200-4212.	3.8	10
117	Insights into anti-thermal quenching of photoluminescence from SrCaGa <sub>4</sub> O <sub>8</sub> based on defect state and application in temperature sensing. <i>Journal of Luminescence</i> , 2019, 208, 284-289.	3.1	21
118	UV-shielding device of high-stability glass embedded with in-situ growth of ZnO quantum dots. <i>Journal of Alloys and Compounds</i> , 2019, 784, 535-540.	5.5	20
119	Luminescence quenching properties of Sr <sub>2</sub> Ga <sub>2</sub> GeO <sub>7</sub> : Pr <sup>3+</sup> with and without traps participation. <i>Journal of Solid State Chemistry</i> , 2019, 271, 23-28.	2.9	8
120	Two distinct simultaneous NIR looping behaviours of Er <sup>3+</sup> singly doped BiOBr: The underlying nature of the Er <sup>3+</sup> ion photon avalanche emission induced by a layered structure. <i>Journal of Alloys and Compounds</i> , 2019, 779, 440-449.	5.5	20
121	Achieving long-term zero-thermal-quenching with the assistance of carriers from deep traps. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2978-2982.	5.5	96
122	Enhanced luminescence performance of CaO:Ce <sup>3+</sup> ,Li <sup>+</sup> ,F <sup>+</sup> phosphor and its phosphor-in-glass based high-power warm LED properties. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4077-4086.	5.5	24
123	Effects of the deep traps on the thermal stability property of CaAl <sub>2</sub> O <sub>4</sub> :Eu <sup>2+</sup> phosphor. <i>Journal of the American Ceramic Society</i> , 2018, 101, 3480-3488.	3.8	36
124	Direct Identification of Surface Defects and Their Influence on the Optical Characteristics of Upconversion Nanoparticles. <i>ACS Nano</i> , 2018, 12, 3623-3628.	14.6	86
125	Thermochromic Reaction-Induced Reversible Upconversion Emission Modulation for Switching Devices and Tunable Upconversion Emission Based on Defect Engineering of WO <sub>3</sub> :Yb <sup>3+</sup> ,Er <sup>3+</sup> Phosphor. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 14941-14947.	8.0	72
126	Preparation, Growth Mechanism, Upconversion, and Near-Infrared Photoluminescence Properties of Convex-Lens-like NaY <sub>4</sub> Microcrystals Doped with Various Rare Earth Ions Excited at 808 nm. <i>Crystal Growth and Design</i> , 2018, 18, 1758-1767.	3.0	20



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127	Ultrastable red-emitting phosphor-in-glass for superior high-power artificial plant growth LEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1738-1745.	5.5	95
128	Emergence of photoluminescence enhancement of $\text{Eu}^{3+}$ doped $\text{BiOCl}$ single-crystalline nanosheets at reduced vertical dimensions. <i>Nanoscale</i> , 2018, 10, 4865-4871.	5.6	42
129	Thermally stable photoluminescence and long persistent luminescence of $\text{Ca}_3\text{Ga}_4\text{O}_9:\text{Tb}^{3+}/\text{Zn}^{2+}$ . <i>Journal of Rare Earths</i> , 2018, 36, 675-679.	4.8	27
130	Preparation of ultra-small molecule-like Ag nano-clusters in silicate glass based on ion-exchange process: Energy transfer investigation from molecule-like Ag nano-clusters to $\text{Eu}^{3+}$ ions. <i>Chemical Engineering Journal</i> , 2018, 341, 175-186.	12.7	34
131	Preparation and photoluminescence enhancement of Au nanoparticles embedded $\text{LaPO}_4:\text{Eu}^{3+}$ inverse opals. <i>Journal of the American Ceramic Society</i> , 2018, 101, 2689-2694.	3.8	10
132	Role of oxygen vacancies in long persistent phosphor $\text{Ca}_2\text{Ga}_2\text{GeO}_7:\text{Zn}^{2+}$ . <i>Journal of the American Ceramic Society</i> , 2018, 101, 2695-2700.	3.8	21
133	$\text{Rb}^{+}$ cations enable the change of luminescence properties in perovskite ( $\text{Rb}_x\text{Cs}_{1-x}\text{PbBr}_3$ ) quantum dots. <i>Nanoscale</i> , 2018, 10, 3429-3437.	5.6	55
134	Luminescence enhancement and white light generation of $\text{Eu}^{3+}$ and $\text{Dy}^{3+}$ single-doped and co-doped tellurite glasses by Ag nanoparticles based on $\text{Ag}^{+}/\text{Na}^{+}$ ion-exchange. <i>Journal of Alloys and Compounds</i> , 2018, 748, 717-729.	5.5	34
135	Effects of crystal structure transformation on cooperative up-conversion luminescence in the $\text{Tb}^{3+}/\text{Yb}^{3+}$ co-doped oxyfluoride glass-ceramics. <i>Journal of Alloys and Compounds</i> , 2018, 731, 1044-1052.	5.5	14
136	Enhanced photoluminescence property and mechanism of $\text{Eu}^{3+}$ doped tellurite glasses by the silver and gold nanoparticles. <i>Journal of the American Ceramic Society</i> , 2018, 101, 612-623.	3.8	25
137	Multiple anti-counterfeiting realized in $\text{NaBaScSi}_2\text{O}_7$ with a single activator of $\text{Eu}^{2+}$ . <i>Journal of Materials Chemistry C</i> , 2018, 6, 11137-11143.	5.5	46
138	Modified surface states of $\text{NaGdF}_4:\text{Yb}^{3+}/\text{Tm}^{3+}$ up-conversion nanoparticles via a post-chemical annealing process. <i>Nanoscale</i> , 2018, 10, 19031-19038.	5.6	16
139	Upconversion luminescence enhancement of $\text{NaYF}_4:\text{Yb}^{3+}, \text{Er}^{3+}$ nanocrystals induced by the surface plasmon resonance of nonstoichiometric $\text{WO}_{2.72}$ semiconductor. <i>Journal of the American Ceramic Society</i> , 2018, 101, 4463-4467.	3.8	9
140	Influence of upconversion luminescence modification on near infrared luminescence and cooperative energy transfer in the $\text{YbPO}_4:\text{Er}^{3+}, \text{Nb}^{3+}/\text{Er}^{3+}$ inverse opals excited at 980 or 808 nm. <i>Journal of Alloys and Compounds</i> , 2018, 767, 16-22.	5.5	9
141	Abnormal photo-stimulated luminescence in $\text{Ba}_2\text{Ga}_2\text{GeO}_7:\text{Tb}^{3+}, \text{Bi}^{3+}$ . <i>Journal of Luminescence</i> , 2018, 202, 414-419.	3.1	37
142	Effect of heat treatment mechanism on upconversion luminescence in $\text{Er}^{3+}/\text{Yb}^{3+}$ co-doped $\text{NaYF}_4$ oxyfluoride glass-ceramics. <i>Journal of Alloys and Compounds</i> , 2017, 699, 303-307.	5.5	28
143	Modification on upconversion luminescence of $\text{Er}^{3+}/\text{Yb}^{3+}$ co-doped $\text{BiOCl}$ semiconductor nanosheets through interaction between nanohost and doping lanthanide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 177, 111-117.	3.9	10
144	High-temperature long persistent and photo-stimulated luminescence in $\text{Tb}^{3+}$ doped gallate phosphor. <i>Journal of Alloys and Compounds</i> , 2017, 701, 774-779.	5.5	33

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145	Tunable and White Light Emission of a Single-Phased Ba <sub>2</sub> Y(BO <sub>3</sub> ) <sub>2</sub> Cl:Bi <sup>3+</sup> ,Eu <sup>3+</sup> Phosphor by Energy Transfer for Ultraviolet Converted White LEDs. Journal of Physical Chemistry C, 2017, 121, 5267-5276.	3.1	137
146	Long persistent properties of CaGa <sub>2</sub> O <sub>4</sub> :Bi <sup>3+</sup> at different ambient temperature. Journal of the American Ceramic Society, 2017, 100, 3514-3521.	3.8	63
147	Investigation of optical properties: Eu with Al codoping in aluminum silicate glasses and glass-ceramics. Journal of the American Ceramic Society, 2017, 100, 2901-2913.	3.8	43
148	Temperature sensing based on the up-conversion emission of Tm <sup>3+</sup> in a single KLuF <sub>4</sub> microcrystal. Journal of Alloys and Compounds, 2017, 728, 1037-1042.	5.5	112
149	Preparation and upconversion luminescence modification of YbPO <sub>4</sub> :Er <sup>3+</sup> inverse opal heterostructure. Journal of Rare Earths, 2017, 35, 1180-1185.	4.8	8
150	Splitting upconversion emission and phonon-assisted population inversion of Ba <sub>2</sub> Y(BO <sub>3</sub> ) <sub>2</sub> Cl:Yb <sup>3+</sup> , Er <sup>3+</sup> phosphor. Journal of the American Ceramic Society, 2017, 100, 4994-4998.	3.8	24
151	Adjustable multicolor up-energy conversion in light-luminescence in Tb <sup>3+</sup> /Tm <sup>3+</sup> /Yb <sup>3+</sup> co-doped oxyfluoride glass-ceramics containing Ba <sub>2</sub> LaF <sub>7</sub> nanocrystals. Scientific Reports, 2017, 7, 6518.	3.3	11
152	Upconversion emission enhancement mechanisms of Nd <sup>3+</sup> -sensitized NaYF <sub>4</sub> :Yb <sup>3+</sup> ,Er <sup>3+</sup> nanoparticles using tunable plasmonic Au films: plasmonic-induced excitation, radiative decay rate and energy-transfer enhancement. Journal of Materials Chemistry C, 2017, 5, 8535-8544.	5.5	47
153	Comprehensive investigations of near infrared downshift and upconversion luminescence mechanisms in Yb <sup>3+</sup> single-doped and Er <sup>3+</sup> ,Yb <sup>3+</sup> co-doped SiO <sub>2</sub> inverse opals. Physical Chemistry Chemical Physics, 2017, 19, 31997-32006.	2.8	19
154	Au nanoparticles embedded inverse opal photonic crystals as substrates for upconversion emission enhancement. Journal of the American Ceramic Society, 2017, 100, 988-997.	3.8	13
155	Up-conversion luminescence of Er <sup>3+</sup> ions in transparent oxyfluoride glass ceramics containing Na(Gd) Tj ETQq1 1 0.784314 rgBT /Over	3.2	0
156	Effect of crystalline fraction on upconversion luminescence in Er <sup>3+</sup> /Yb <sup>3+</sup> Co-doped NaYF <sub>4</sub> oxyfluoride glass-ceramics. Journal of the European Ceramic Society, 2017, 37, 763-770.	5.7	41
157	Photoluminescence properties of tellurite glasses doped Dy <sup>3+</sup> and Eu <sup>3+</sup> for the UV and blue converted WLEDs. Journal of Non-Crystalline Solids, 2017, 457, 1-8.	3.1	82
158	Photoluminescence Enhancement of SiO <sub>2</sub> -Coated LaPO <sub>4</sub> :Eu <sup>3+</sup> Inverse Opals by Surface Plasmon Resonance of Ag Nanoparticles. Journal of the American Ceramic Society, 2016, 99, 3330-3335.	3.8	12
159	NIR Enhancement Based on Energy Transfer Process of Ce <sup>3+</sup> in Inverse Opal Photonic Crystals. Journal of the American Ceramic Society, 2016, 99, 911-916.	3.8	9
160	Effect of Defect States on the Upconversion Emission Properties in KLu <sub>2</sub> F <sub>7</sub> Nanocrystalline. ECS Journal of Solid State Science and Technology, 2016, 5, R137-R141.	1.8	1
161	Recent progress on upconversion luminescence enhancement in rare-earth doped transparent glass-ceramics. Journal of Rare Earths, 2016, 34, 341-367.	4.8	64
162	Phase transformation and enhancement of luminescence in the Tb <sup>3+</sup> -Yb <sup>3+</sup> co-doped oxyfluoride glass ceramics containing NaYF <sub>4</sub> nanocrystals. Journal of the European Ceramic Society, 2016, 36, 2825-2830.	5.7	35

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163	Effects of Li <sup>+</sup> ions on the enhancement of up-conversion emission in Ho <sup>3+</sup> -Yb <sup>3+</sup> co-doped transparent glass-ceramics containing Ba <sub>2</sub> LaF <sub>7</sub> nanocrystals. <i>Optical Materials</i> , 2016, 60, 277-282.	3.6	19
164	Phonon-Assisted Population Inversion in Lanthanide-Doped Upconversion Ba <sub>2</sub> LaF <sub>7</sub> Nanocrystals in Glass-Ceramics. <i>Advanced Materials</i> , 2016, 28, 8045-8050.	21.0	104
165	Improved optical storage properties of NaAlSiO <sub>4</sub> : Tb <sup>3+</sup> induced by Bi <sup>3+</sup> . <i>Optical Materials</i> , 2016, 57, 140-145.	3.6	11
166	Unusually enhancing high-order photon avalanche upconversion of layered BiOCl:Er <sup>3+</sup> semiconductor poly-crystals via Li <sup>+</sup> ion intercalation doping. <i>Materials and Design</i> , 2016, 105, 290-295.	7.0	21
167	Tunable and ultra-broad plasmon enhanced upconversion emission of NaYF <sub>4</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> nanoparticles deposited on Au films with papilla Au nanoparticles. <i>RSC Advances</i> , 2016, 6, 56963-56970.	3.6	7
168	Effect of Defect Distribution on the Optical Storage Properties of Strontium Gallates with a Low-Dimensional Chain Structure. <i>Inorganic Chemistry</i> , 2016, 55, 894-901.	4.0	47
169	Effect of Li <sup>+</sup> ions on the enhancement upconversion and stokes emission of NaYF <sub>4</sub> :Tb, Yb co-doped in glass-ceramics. <i>Journal of Alloys and Compounds</i> , 2016, 667, 297-301.	5.5	34
170	Controllable synergistic effect of Yb <sup>3+</sup> , Er <sup>3+</sup> -co-doped KLu <sub>2</sub> F <sub>7</sub> with the assistant of defect state. <i>CrystEngComm</i> , 2016, 18, 2642-2649.	2.6	5
171	Enhancement of Tb <sup>3+</sup> /Yb quantum cutting emission by inverse opal photonic crystals. <i>Optical Materials</i> , 2016, 54, 229-233.	3.6	15
172	The synthesis and photoluminescence of a single-phased white-emitting NaAlSiO <sub>4</sub> : Ce <sup>3+</sup> , Mn <sup>2+</sup> phosphor for WLEDs. <i>Materials Research Bulletin</i> , 2016, 73, 1-5.	5.2	37
173	Color Variation Between PSL and PL in CaAl <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> :Tb <sup>3+</sup> with the Assistance of Trap Level. <i>Journal of the American Ceramic Society</i> , 2015, 98, 2008-2010.	3.8	4
174	Preparation and Enhanced Luminescence of Au Nanoparticles Including SiO <sub>2</sub> :Tb <sup>3+</sup> Three-Dimensional Ordered Macroporous Films. <i>Journal of the American Ceramic Society</i> , 2015, 98, 2011-2013.	3.8	4
175	Effect of the Glass Structure on Emission of Rare-Earth-Doped Borate Glasses. <i>Journal of the American Ceramic Society</i> , 2015, 98, 4102-4106.	3.8	22
176	Tunable LLP via Energy Transfer between Na <sub>2</sub> Y(Zn <sub>1-x</sub> Ga <sub>x</sub> )GeO <sub>4</sub> Solid Host and Emission Centers with the Assistance of Zn Vacancies. <i>Journal of Physical Chemistry C</i> , 2015, 119, 14047-14055.	3.1	49
177	Color-tunable luminescence in Eu <sup>3+</sup> /Tb <sup>3+</sup> co-doped oxyfluoride glass and transparent glass-ceramics. <i>Journal of Alloys and Compounds</i> , 2015, 629, 310-314.	5.5	69
178	Sunlight Activated Long-Lasting Luminescence from Ba <sub>5</sub> Si <sub>8</sub> O <sub>21</sub> : Eu <sup>2+</sup> , Dy <sup>3+</sup> Phosphor. <i>Inorganic Chemistry</i> , 2015, 54, 1690-1697.	4.0	118
179	Preparation and Upconversion Emission Modification of Crystalline Colloidal Arrays and Rare Earth Fluoride Microcrystal Composites. <i>Scientific Reports</i> , 2015, 5, 7636.	3.3	21
180	Design, synthesis and characterization of a novel orange-yellow long-lasting phosphor: Li <sub>2</sub> SrSiO <sub>4</sub> :Eu <sup>2+</sup> , Dy <sup>3+</sup> . <i>Powder Technology</i> , 2015, 276, 129-133.	4.2	24

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181	Photoluminescence enhancement of $\text{Eu}^{3+}$ ions by Ag species in $\text{SiO}_2$ three-dimensionally ordered macroporous materials. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7699-7708.	5.5	31
182	Up-conversion luminescence properties of lanthanide-doped $\text{LuF}_3$ with different morphologies synthesized via a facile ionothermal process. <i>CrystEngComm</i> , 2015, 17, 2147-2152.	2.6	8
183	Color tunable upconversion emission in $\text{CeO}_2:\text{Yb},\text{Er}$ three-dimensional ordered macroporous materials. <i>Journal of Rare Earths</i> , 2015, 33, 599-603.	4.8	17
184	Multi-band photon avalanche controlling performance of $\text{BiOCl}:\text{Er}^{3+}$ crystals through facile $\text{Yb}^{3+}$ doping. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8559-8565.	5.5	21
185	Investigation on the upconversion emission in 2D $\text{BiOBr}:\text{Yb}^{3+}/\text{Ho}^{3+}$ nanosheets. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 135-141.	3.9	20
186	Far-Red-Emitting $\text{BiOCl}:\text{Eu}^{3+}$ Phosphor with Excellent Broadband $\text{NUV}$ -Excitation for White-Light-Emitting Diodes. <i>Journal of the American Ceramic Society</i> , 2015, 98, 2170-2176.	3.8	42
187	Effects of copper ions on the near-infrared luminescence in Bi doped silicate glass via copper for sodium ion exchange. <i>Journal of Non-Crystalline Solids</i> , 2015, 421, 30-34.	3.1	3
188	Photostimulated luminescence properties of $\text{Eu}^{2+}$ -doped barium aluminate phosphor. <i>Luminescence</i> , 2015, 30, 235-239.	2.9	14
189	Coupling of Ag Nanoparticle with Inverse Opal Photonic Crystals as a Novel Strategy for Upconversion Emission Enhancement of $\text{NaYF}_4:\text{Yb}^{3+},\text{Er}^{3+}$ Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 25211-25218.	8.0	88
190	Effect of glass network modifier $\text{R}_2\text{O}$ ( $\text{R}=\text{Li}, \text{Na}$ and $\text{K}$ ) on upconversion luminescence in $\text{Er}^{3+}/\text{Yb}^{3+}$ co-doped $\text{NaYF}_4$ oxyfluoride glass-ceramics. <i>Journal of Rare Earths</i> , 2015, 33, 830-836.	4.8	34
191	Ag Nanoparticles-Enhanced Photoluminescence in $\text{LaPO}_4:\text{Eu}$ Three-Dimensional Ordered Macroporous Films. <i>Journal of the American Ceramic Society</i> , 2015, 98, 1562-1566.	3.8	5
192	Visible and near-infrared upconversion photoluminescence in lanthanide-doped $\text{KLu}_3\text{F}_{10}$ nanoparticles. <i>CrystEngComm</i> , 2015, 17, 7332-7338.	2.6	10
193	Investigation on the near-infrared-emitting thermal stability of Bi activated alkaline-earth aluminoborosilicate glasses. <i>Journal of Applied Physics</i> , 2015, 117, 053107.	2.5	7
194	Local structure regulating effect for the near infrared luminescence of Bi in zinc silicate and germanate glasses. <i>Optik</i> , 2015, 126, 3624-3627.	2.9	4
195	Unusual Effect of Cerium Codoping on Stokes and Anti-Stokes Luminescence of $\text{BiOCl}:\text{Er}^{3+}$ Crystal. <i>IEEE Photonics Journal</i> , 2015, 7, 1-8.	2.0	0
196	Effective enhancement of Bi near-infrared luminescence in silicogermanate glasses via silver-sodium ion exchange. <i>Journal of Non-Crystalline Solids</i> , 2015, 409, 178-182.	3.1	6
197	Effects of gold nanoparticles on the enhancement of upconversion and near-infrared emission in $\text{Er}^{3+}/\text{Yb}^{3+}$ co-doped transparent glass-ceramics containing $\text{BaF}_2$ nanocrystals. <i>Ceramics International</i> , 2015, 41, 2648-2653.	4.8	26
198	Photostimulated and Long Persistent Luminescence Properties from Different Crystallographic Sites of $\text{Ca}_2\text{SiO}_4:\text{Eu}^{2+},\text{R}^{3+}$ ( $\text{R}=\text{Tm}, \text{Gd}$ ). <i>Journal of the American Ceramic Society</i> , 2015, 98, 171-177.	3.8	26

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199	Color-tunable luminescence of Eu <sup>3+</sup> in PbF <sub>2</sub> embedded in oxyfluoroborate glass and its nanocrystalline glass. <i>Journal of Alloys and Compounds</i> , 2015, 621, 62-65.	5.5	12
200	Response to "Comment on "High multi-photon visible upconversion emissions of Er <sup>3+</sup> singly doped BiOCl microcrystals: A photon avalanche of Er <sup>3+</sup> induced by 980 nm excitation" [Appl. Phys. Lett. 104, 236101 (2014)]. <i>Applied Physics Letters</i> , 2014, 104, 236102.	3.3	0
201	Influence of the Eu <sup>2+</sup> on the Silver Aggregates Formation in Ag <sup>+</sup> /Eu <sup>2+</sup> Ion-Exchanged Na <sup>+</sup> -Doped Sodium Aluminosilicate Glasses. <i>Journal of the American Ceramic Society</i> , 2014, 97, 1110-1114.	3.8	16
202	Tunable Mission and Trichromatic White-Emitting in Oxyfluoride Glasses by Utilization of Cu <sup>+</sup> Ions as Multiple Energy-Transfer Creators. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2897-2902.	3.8	16
203	Ag <sub>2</sub> O dependent up-conversion luminescence properties in Tm <sup>3+</sup> /Er <sup>3+</sup> /Yb <sup>3+</sup> co-doped oxyfluorogermanate glasses. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	10
204	Contribution of Eu ions on the precipitation of silver nanoparticles in Ag-Eu co-doped borate glasses. <i>Materials Research Bulletin</i> , 2014, 51, 315-319.	5.2	30
205	Continuous modification of upconversion luminescence of fluorescent dye in the crystalline colloidal arrays. <i>Colloid and Polymer Science</i> , 2014, 292, 613-617.	2.1	1
206	Energy transfer and upconversion emission of Er <sup>3+</sup> /Tb <sup>3+</sup> /Yb <sup>3+</sup> co-doped transparent glass-ceramics containing Ba <sub>2</sub> LaF <sub>7</sub> nanocrystals under heat treatment. <i>Optical Materials</i> , 2014, 36, 639-644.	3.6	21
207	Investigation on existing states and photoluminescence property of silver in the SiO <sub>2</sub> -three-dimensionally ordered macroporous materials. <i>RSC Advances</i> , 2014, 4, 33607.	3.6	11
208	Upconversion emission properties of CeO <sub>2</sub> :Tm <sup>3+</sup> , Yb <sup>3+</sup> inverse opal photonic crystals. <i>Modern Physics Letters B</i> , 2014, 28, 1450218.	1.9	0
209	Effect of Mn <sup>2+</sup> ions on the enhancement red upconversion emission of Mn <sup>2+</sup> /Er <sup>3+</sup> /Yb <sup>3+</sup> tri-doped in transparent glass-ceramics. <i>Optics and Laser Technology</i> , 2014, 64, 264-268.	4.6	20
210	Abnormal near-infrared luminescence property of bismuth doped calcium germanate glasses. <i>Journal of Non-Crystalline Solids</i> , 2014, 402, 166-171.	3.1	5
211	Upconversion Emission Enhancement of NaYF <sub>4</sub> :Yb,Er Nanoparticles by Coupling Silver Nanoparticle Plasmons and Photonic Crystal Effects. <i>Journal of Physical Chemistry C</i> , 2014, 118, 17992-17999.	3.1	58
212	Improvement of the energy transfer from Ca <sub>3</sub> SnSi <sub>2</sub> O <sub>9</sub> host to rare-earth ions with the assistance of oxygen vacancies. <i>RSC Advances</i> , 2014, 4, 963-968.	3.6	12
213	Color variation of photo-stimulated luminescence in strontium ortho-silicate with the assistance of trap centers. <i>Materials Letters</i> , 2014, 127, 40-43.	2.6	16
214	Efficient near-infrared to visible and ultraviolet upconversion in polycrystalline BiOCl:Er <sup>3+</sup> /Yb <sup>3+</sup> synthesized at low temperature. <i>Ceramics International</i> , 2013, 39, 8911-8916.	4.8	40
215	High multi-photon visible upconversion emissions of Er <sup>3+</sup> singly doped BiOCl microcrystals: A photon avalanche of Er <sup>3+</sup> induced by 980 nm excitation. <i>Applied Physics Letters</i> , 2013, 103, 231104.	3.3	41
216	Enhancement of the up-conversion luminescence of Yb <sup>3+</sup> /Er <sup>3+</sup> or Yb <sup>3+</sup> /Tm <sup>3+</sup> co-doped NaYF <sub>4</sub> nanoparticles by photonic crystals. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6541.	5.5	73

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217	Preparation and characterization of Er <sup>3+</sup> -Yb <sup>3+</sup> -Ce <sup>3+</sup> co-doped transparent glass ceramic containing nano Ca <sub>5</sub> (PO <sub>4</sub> ) <sub>3</sub> F crystals. Journal of Rare Earths, 2013, 31, 400-404.	4.8	10
218	Effect of retrapping on the persistent luminescence in strontium silicate orange-yellow phosphor. Journal of Solid State Chemistry, 2013, 206, 66-68.	2.9	18
219	Significantly enhanced superbroadband NIR emission in bismuth-doped calcium aluminophosphosilicate glasses by PbO substitution. Materials Research Bulletin, 2013, 48, 260-263.	5.2	6
220	Preparation and blue-white luminescence properties of Bi <sup>3+</sup> -doped Ba <sub>5</sub> SiO <sub>4</sub> Cl <sub>6</sub> . Journal of Materials Science, 2013, 48, 8566-8570.	3.7	21
221	Investigation of the role of silver species on spectroscopic features of Sm <sup>3+</sup> -activated sodium-aluminosilicate glasses via Ag <sup>+</sup> -Na <sup>+</sup> ion exchange. Journal of Applied Physics, 2013, 113, 193103.	2.5	29
222	Significant Improvement of Photo-Stimulated Luminescence of Ba <sub>4</sub> (Si <sub>3</sub> O <sub>8</sub> ) <sub>2</sub> :Eu <sup>2+</sup> by Co-Doping with Tm <sup>3+</sup> . ECS Journal of Solid State Science and Technology, 2013, 2, R225-R229.	1.8	18
223	Upconversion Luminescence and Color Tunability Properties in Tm <sup>3+</sup> -Ho <sup>3+</sup> -Yb <sup>3+</sup> Co-Doped Oxyfluoride Nano-Glass-Ceramics. , 2012, , .		0
224	Effect of Optical Basicity on Broadband Infrared Fluorescence in Thulium-Doped Germanate Glasses. , 2012, , .		0
225	Synthesis and Near-Infrared Fluorescent Properties of Nd <sup>3+</sup> -Yb <sup>3+</sup> Co-Doped Lanthanum Phosphate. , 2012, , .		1
226	Energy transfer and photoluminescence modification in Yb-Er-Tm triply doped Y <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> upconversion inverse opal. Journal of Materials Chemistry, 2012, 22, 18558.	6.7	45
227	The influence of alkali ions size on the superbroadband NIR emission from bismuth-doped alkali aluminoborophosphosilicate glasses. Optical Materials, 2012, 35, 61-64.	3.6	17
228	Blue and Green Upconversion Emission Modification in Tb, Yb Co-Doped Y <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> Inverse Opal. , 2012, , .		0
229	Hydrothermal Synthesis Nano FAP : Nd <sup>3+</sup> as Biological Probe with Near-Infrared to Near-Infrared Luminescence. , 2012, , .		1
230	Upconversion of Nd <sup>3+</sup> in Nd <sup>3+</sup> -Yb <sup>3+</sup> Co-Doped Transparent Glass Ceramics Embedding Nano Ca <sub>5</sub> (Po <sub>4</sub> ) <sub>3</sub> F Crystals. , 2012, , .		1
231	Blue and green upconversion luminescence modification of Tb <sup>3+</sup> -Yb <sup>3+</sup> co-doped Ca <sub>5</sub> (PO <sub>4</sub> ) <sub>3</sub> F inverse opal. Journal of Sol-Gel Science and Technology, 2012, 62, 149-152.	2.4	6
232	Modification of the upconversion spontaneous emission in photonic crystals. Materials Chemistry and Physics, 2012, 133, 584-587.	4.0	18
233	Infrared broadband emission of bismuth-thulium co-doped lanthanum-aluminum-silica glasses. Journal of Luminescence, 2012, 132, 1353-1356.	3.1	18
234	Effect of photonic bandgap on upconversion emission in YbPO <sub>4</sub> :Er inverse opal photonic crystals. Applied Optics, 2011, 50, 287.	2.1	17

#	ARTICLE	IF	CITATIONS
235	Observation of Energy Transfer from Host to Rare-Earth Ions in Ca <sub>2</sub> SnO <sub>4</sub> :Pr <sup>3+</sup> Phosphor. Journal of the American Ceramic Society, 2011, 94, 985-987.	3.8	35
236	Color Tunable Upconversion Emission in Yb, Er Co-Doped Bismuth Titanate Inverse Opal. Journal of the American Ceramic Society, 2011, 94, 2308-2310.	3.8	11
237	Frequency up-conversion luminescence properties and mechanism of Tm <sup>3+</sup> /Er <sup>3+</sup> /Yb <sup>3+</sup> co-doped oxyfluorogermanate glasses. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 393-397.	1.0	9
238	Effect of optical basicity on broadband infrared fluorescence in bismuth-doped alkali metal germanate glasses. Optical Materials, 2009, 31, 945-948.	3.6	56
239	Ultra-sensitive photoluminescence modification of Eu <sup>3+</sup> ion based on light-tuning surface potential of Bi <sub>3</sub> O <sub>4</sub> Cl layered semiconductor and application for facile UV light detector. Journal of Materials Chemistry C, 0, , .	5.5	4
240	Locking Energy Transfer of Rare Earth Ions via an "Electron Jam" Caused by Vertical Photocarrier Separation of a Layered Semiconductor. Journal of Physical Chemistry C, 0, , .	3.1	1
241	Stable Single-Mode Lasing from a Hybrid Perovskite-Polymer Fiber. Advanced Optical Materials, 0, , 2200439.	7.3	1