

Zhiguo Song

List of Publications by Year in descending order

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102
papers

2,227
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236925

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#	ARTICLE	IF	CITATIONS
1	Multiple Anti-Counterfeiting and optical storage of reversible dual-mode luminescence modification in photochromic CaWO ₄ : Yb ³⁺ , Er ³⁺ , Bi ³⁺ phosphor. Chemical Engineering Journal, 2022, 429, 132333.	12.7	71
2	Enhancement of solar-driven photocatalytic activity of oxygen vacancy-rich Bi/BiOBr/Sr ₂ LaF ₇ :Yb ³⁺ ,Er ³⁺ composites through synergetic strategy of upconversion function and plasmonic effect. Journal of Environmental Sciences, 2022, 115, 76-87.	6.1	27
3	Intense single-band red upconversion luminescence of Er ³⁺ /Yb ³⁺ codoped BiOCl nanocrystals via a facile solvothermal strategy. Journal of Solid State Chemistry, 2022, 307, 122744.	2.9	5
4	Large reversible upconversion luminescence modification and 3D optical information storage in femtosecond laser irradiation-subjected photochromic glass. Science China Materials, 2022, 65, 1586-1593.	6.3	17
5	Enhancement of green upconversion luminescence of Yb ³⁺ /Tb ³⁺ co-doped BiOBr nanosheets and its potential applications in photocatalysis. Journal of Solid State Chemistry, 2022, 308, 122897.	2.9	9
6	Anti-counterfeiting applications by photochromism induced modulation of reversible upconversion luminescence in TiO ₂ :Yb ³⁺ ,Er ³⁺ ceramic. Journal of Materials Chemistry C, 2022, 10, 6243-6251.	5.5	26
7	Giant Enhancement in Upconversion Luminescence of $\text{Ba}_2\text{ScAlO}_5\text{:Yb}^{3+}/\text{Er}^{3+}$ Phosphor by the Intermediate Band through Ca^{2+} Doping. Chemistry of Materials, 2022, 34, 3089-3098.	6.7	30
8	Programmable biological state-switching photoelectric nanosheets for the treatment of infected wounds. Materials Today Bio, 2022, 15, 100292.	5.5	2
9	Entirely Reversible Photochromic Glass with High Coloration and Luminescence Contrast for 3D Optical Storage. ACS Energy Letters, 2022, 7, 2060-2069.	17.4	44
10	980Ånm-excited multiphoton photocarrier separation process of Yb ³⁺ ions under internal electric field and its upconverting modification on Eu ³⁺ ions. Journal of Luminescence, 2021, 229, 117710.	3.1	2
11	Intermediate excited state suppression and upconversion enhancement of Er ³⁺ ions by carbon-doping boosting photocarrier separation in bismuth oxychloride nanosheets. Journal of Colloid and Interface Science, 2021, 588, 838-846.	9.4	7
12	An unusual strategy of Ca ²⁺ heterovalent doping enabled upconversion enhancement of Er ³⁺ in bismuth oxychloride layered semiconducting crystals. Journal of Alloys and Compounds, 2021, 854, 157252.	5.5	20
13	Enhanced upconversion luminescence of BiOCl:Yb ³⁺ ,Er ³⁺ nanosheets via carbon dot modification and their optical temperature sensing. Materials Chemistry Frontiers, 2021, 5, 4280-4290.	5.9	20
14	Multi-photon near-infrared emission of Er ³⁺ ions induced by upconversion self-sensitization of layered polarized Bi ₉ V ₂ O ₁₈ Cl semiconductor with narrow-band. Journal of Luminescence, 2021, 232, 117819.	3.1	2
15	Reversible 3D optical data storage and information encryption in photo-modulated transparent glass medium. Light: Science and Applications, 2021, 10, 140.	16.6	95
16	Modulating Photon Harvesting Through Constructing Oxygen Vacancies-Rich 0D/2D Plasmonic Bi/Bismuth Oxybromide Upconversion Nanosheets Toward Improved Solar Photocatalysis. Solar Rrl, 2021, 5, 2100619.	5.8	20
17	0D/1D Heterojunction Implant with Electro-Mechanobiological Coupling Cues Promotes Osteogenesis. Advanced Functional Materials, 2021, 31, 2106249.	14.9	26
18	Enhanced one-band near infrared upconversion luminescence of Yb ³⁺ -Tm ³⁺ co-doped BiOCl _{1-x} Br _x nanosheet by tuning band gap. Journal of Luminescence, 2021, 238, 118295.	3.1	1

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19	A novel upconversion luminescence temperature sensing material: Negative thermal expansion Y ₂ Mo ₃ O ₁₂ :Yb ³⁺ , Er ³⁺ and positive thermal expansion Y ₂ Ti ₂ O ₇ :Yb ³⁺ , Er ³⁺ mixed phosphor. <i>Journal of Alloys and Compounds</i> , 2021, 880, 160156.	5.5	25
20	Internal electric field and oxygen vacancies synergistically enhancing luminescence properties of Eu ³⁺ -doped bismuth oxychloride microcrystals. <i>Journal of Luminescence</i> , 2021, 240, 118454.	3.1	2
21	Enhancing the near-infrared photocatalytic activity and upconversion luminescence of BiOCl:Yb ³⁺ Er ³⁺ nanosheets with polypyrrole <i>in situ</i> modification. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15251-15262.	5.5	14
22	Selective preparation of Ag species on photoluminescence of Sm ³⁺ in borosilicate glass via Ag + Na ⁺ ion exchange. <i>Journal of the American Ceramic Society</i> , 2020, 103, 955-964.	3.8	13
23	Laser induced thermochromism and reversible upconversion emission modulation of a novel WO ₃ :Yb ³⁺ ,Er ³⁺ ceramic: dual-modal fingerprint acquisition application. <i>Chemical Engineering Journal</i> , 2020, 383, 123180.	12.7	48
24	Near infrared light induced photocurrent in NaYF ₄ :Yb ³⁺ , Er ³⁺ /WO _{2.72} composite film. <i>Journal of the American Ceramic Society</i> , 2020, 103, 1677-1684.	3.8	5
25	Intense single-band red upconversion emission in BiOCl:Er ³⁺ layered semiconductor via co-doping Ho ³⁺ . <i>Journal of Rare Earths</i> , 2020, 38, 577-583.	4.8	10
26	Fingerprint Acquisition Based on Photo-Thermal Coloration of MoO ₃ Ceramic upon the Irradiation of Multiband Light outside the Bandgap. <i>Advanced Materials Technologies</i> , 2020, 5, 2000562.	5.8	6
27	Multimode Highly Tunable Photoluminescence of Eu ³⁺ Ions Induced by Surface Photovoltage of Bi ₉ V ₂ O ₁₈ Cl Perovskite Oxychloride Nanosheets and Application for Advanced Anticounterfeiting Agents. <i>Journal of Physical Chemistry C</i> , 2020, 124, 27811-27819.	3.1	4
28	Fingerprint Acquisition: Fingerprint Acquisition Based on Photo-Thermal Coloration of MoO ₃ Ceramic upon the Irradiation of Multiband Light outside the Bandgap (Adv. Mater.) Tj ETQq0 0.0gBT /Overlock 10	5.8	6
29	Modification photon avalanche emission of BiOCl: Er ³⁺ nanosheets through facile solvent-thermal synthesis. <i>Inorganic Chemistry Communication</i> , 2020, 117, 107934.	3.9	6
30	A new strategy of interlayer doping of Li ions for the photoluminescence enhancement of Eu ³⁺ -doped bismuth oxychloride layered semiconductors. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3106-3114.	6.0	8
31	Unusual photoluminescence regulation of single-crystalline BiOCl:Eu ³⁺ nanosheet by C-heterovalent doping: The evidence of photoferroelectric effect on the transitions of the RE ³⁺ optical activator. <i>Ceramics International</i> , 2020, 46, 8299-8307.	4.8	10
32	Reversible multiplexing for optical information recording, erasing, and reading-out in photochromic BaMgSiO ₄ :Bi ³⁺ luminescence ceramics. <i>Science China Materials</i> , 2020, 63, 582-592.	6.3	57
33	NIR-NIR upconverting optical temperature sensing based on the thermally coupled levels of Yb ³⁺ -Tm ³⁺ codoped Bi ₇ F ₁₁ O ₅ nanosheets. <i>Journal of Luminescence</i> , 2020, 221, 117034.	3.1	18
34	Electrochromism induced reversible upconversion luminescence modulation of WO ₃ :Yb ³⁺ , Er ³⁺ inverse opals for optical storage application. <i>Chemical Engineering Journal</i> , 2020, 394, 124967.	12.7	30
35	808Ånm-excited multiband NIR emission with looping mechanism and intrinsic bistability in Er ³⁺ singly-doped BiOCl layered semiconductor. <i>Optical Materials</i> , 2020, 102, 109806.	3.6	2
36	Novel Strategy for Designing Photochromic Ceramic: Reversible Upconversion Luminescence Modification and Optical Information Storage Application in the PbWO ₄ :Yb ³⁺ , Er ³⁺ Photochromic Ceramic. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21936-21943.	8.0	63

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37	BiOCl:Er ³⁺ Nanosheets with Tunable Thickness for Photon Avalanche Phosphors. ACS Applied Nano Materials, 2019, 2, 7652-7660.	5.0	16
38	Intense one-band near-infrared upconversion luminescence induced by using spontaneous polarization BiOCl sheet crystals as hosts for Yb ³⁺ and Tm ³⁺ ions. Inorganic Chemistry Frontiers, 2019, 6, 612-620.	6.0	15
39	Reversible Modulated Upconversion Luminescence of MoO ₃ :Yb ³⁺ ,Er ³⁺ Thermochromic Phosphor for Switching Devices. Inorganic Chemistry, 2019, 58, 6950-6958.	4.0	29
40	Reversible Upconversion Luminescence Modification Based on Photochromism in BaMgSiO ₄ :Yb ³⁺ ,Tb ³⁺ Ceramics for Anti-Counterfeiting Applications. Advanced Optical Materials, 2019, 7, 1900213.	7.3	122
41	Improving upconversion emission of NaYF ₄ :Yb ³⁺ , Er ³⁺ nanoparticles by coupling Au nanoparticles and photonic crystals: The detection enhancement of Rhodamine B. Journal of Alloys and Compounds, 2019, 788, 1265-1273.	5.5	16
42	Abnormally heat-enhanced Yb excited state lifetimes in Bi ₇ F ₁₁ O ₅ nanocrystals and the potential applications in lifetime luminescence nanothermometry. Journal of Materials Chemistry C, 2019, 7, 13811-13817.	5.5	16
43	Influence of glass composition on photoluminescence from Ge ²⁺ or Ag nano-cluster in germanate glasses for white light-emitting diodes. Journal of the American Ceramic Society, 2019, 102, 1169-1179.	3.8	9
44	Upconversion luminescence modification induced near infrared luminescence enhancement of Bi ₂ Ti ₂ O ₇ :Yb ³⁺ , Er ³⁺ inverse opals. Journal of Luminescence, 2019, 208, 150-154.	3.1	20
45	Preparation and photoluminescence enhancement of Au nanoparticles with ultra-broad plasmonic absorption in glasses. Journal of the American Ceramic Society, 2019, 102, 4200-4212.	3.8	10
46	Two distinct simultaneous NIR looping behaviours of Er ³⁺ singly doped BiOBr: The underlying nature of the Er ³⁺ ion photon avalanche emission induced by a layered structure. Journal of Alloys and Compounds, 2019, 779, 440-449.	5.5	20
47	Thermochromic Reaction-Induced Reversible Upconversion Emission Modulation for Switching Devices and Tunable Upconversion Emission Based on Defect Engineering of WO ₃ :Yb ³⁺ ,Er ³⁺ Phosphor. ACS Applied Materials & Interfaces, 2018, 10, 14941-14947.	8.0	72
48	Preparation, Growth Mechanism, Upconversion, and Near-Infrared Photoluminescence Properties of Convex-Lens-like NaYF ₄ Microcrystals Doped with Various Rare Earth Ions Excited at 808 nm. Crystal Growth and Design, 2018, 18, 1758-1767.	3.0	20
49	Emergence of photoluminescence enhancement of Eu ³⁺ doped BiOCl single-crystalline nanosheets at reduced vertical dimensions. Nanoscale, 2018, 10, 4865-4871.	5.6	42
50	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 Eu ³⁺ ions. Chemical Engineering Journal, 2018, 341, 175-186.	12.7	34
51	Preparation and photoluminescence enhancement of Au nanoparticles embedded La ₂ PO ₄ :Eu ³⁺ inverse opals. Journal of the American Ceramic Society, 2018, 101, 2689-2694.	3.8	10
52	Morphology/dimensionality induced tunable upconversion luminescence of BiOCl:Yb ³⁺ /Er ³⁺ nano/microcrystals: intense single-band red emission and underlying mechanisms. CrystEngComm, 2018, 20, 2850-2860.	2.6	17
53	Luminescence enhancement and white light generation of Eu ³⁺ and Dy ³⁺ single-doped and co-doped tellurite glasses by Ag nanoparticles based on Ag ⁺ -Na ⁺ ion-exchange. Journal of Alloys and Compounds, 2018, 748, 717-729.	5.5	34
54	Color tunable and white light emitting via energy transfer in single-phase BiOCl:Er ³⁺ ,Sm ³⁺ phosphors for WLEDs. Journal of Rare Earths, 2018, 36, 231-237.	4.8	22

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55	Enhanced photoluminescence property and mechanism of 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
56	Upconversion luminescence enhancement of NaYF ₄ :Yb ³⁺ , Er ³⁺ nanocrystals induced by the surface plasmon resonance of nonstoichiometric WO _{2.72} semiconductor. <i>Journal of the American Ceramic Society</i> , 2018, 101, 4463-4467.	3.8	9
57	Influence of upconversion luminescence modification on near infrared luminescence and cooperative energy transfer in the YbPO ₄ :Er ³⁺ , Nb ³⁺ /Er ³⁺ -inverse opals excited at 980 or 808 nm. <i>Journal of Alloys and Compounds</i> , 2018, 767, 16-22.	5.5	9
58	Investigation on morphology and broadband blue-white emission modification of La ^{1-x} Bi ^x OCl polycrystals. <i>Journal of Rare Earths</i> , 2017, 35, 53-57.	4.8	2
59	Modification on upconversion luminescence of Er ³⁺ -Yb ³⁺ co-doped 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
60	Preparation and upconversion luminescence modification of YbPO ₄ :Er ³⁺ inverse opal heterostructure. <i>Journal of Rare Earths</i> , 2017, 35, 1180-1185.	4.8	8
61	Splitting upconversion emission and phonon-assisted population inversion of Ba ₂ Y(BO ₃) ₂ Cl:Yb ³⁺ , Er ³⁺ phosphor. <i>Journal of the American Ceramic Society</i> , 2017, 100, 4994-4998.	3.8	24
62	Upconversion emission enhancement mechanisms of Nd ³⁺ -sensitized NaYF ₄ :Yb ³⁺ , Er ³⁺ nanoparticles using tunable plasmonic Au films: plasmonic-induced excitation, radiative decay rate and energy-transfer enhancement. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8535-8544.	5.5	47
63	Comprehensive investigations of near infrared downshift and upconversion luminescence mechanisms in Yb ³⁺ single-doped and Er ³⁺ , Yb ³⁺ co-doped SiO ₂ inverse opals. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 31997-32006.	2.8	19
64	Au nanoparticles embedded inverse opal photonic crystals as substrates for upconversion emission enhancement. <i>Journal of the American Ceramic Society</i> , 2017, 100, 988-997.	3.8	13
65	Photoluminescence properties of tellurite glasses doped Dy ³⁺ and Eu ³⁺ for the UV and blue converted WLEDs. <i>Journal of Non-Crystalline Solids</i> , 2017, 457, 1-8.	3.1	82
66	Photoluminescence Enhancement of SiO ₂ -Coated LaPO ₄ :Eu ³⁺ Inverse Opals by Surface Plasmon Resonance of Ag Nanoparticles. <i>Journal of the American Ceramic Society</i> , 2016, 99, 3330-3335.	3.8	12
67	NIR Enhancement Based on Energy Transfer Process of Ce ³⁺ -Yb ³⁺ in Inverse Opal Photonic Crystals. <i>Journal of the American Ceramic Society</i> , 2016, 99, 911-916.	3.8	9
68	Unusually enhancing high-order photon avalanche upconversion of layered BiOCl:Er ³⁺ semiconductor poly-crystals via Li ⁺ ion intercalation doping. <i>Materials and Design</i> , 2016, 105, 290-295.	7.0	21
69	Tunable and ultra-broad plasmon enhanced upconversion emission of NaYF ₄ :Yb ³⁺ , Er ³⁺ nanoparticles deposited on Au films with papilla Au nanoparticles. <i>RSC Advances</i> , 2016, 6, 56963-56970.	3.6	7
70	Preparation and Enhanced Luminescence of Au Nanoparticles Including SiO ₂ :Tb ³⁺ Three-Dimensional Ordered Macroporous Films. <i>Journal of the American Ceramic Society</i> , 2015, 98, 2011-2013.	3.8	4
71	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
72	Photoluminescence enhancement of Eu ³⁺ ions by Ag species in SiO ₂ three-dimensionally ordered macroporous materials. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7699-7708.	5.5	31

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73	Color tunable upconversion emission in CeO ₂ :Yb,Er three-dimensional ordered macroporous materials. <i>Journal of Rare Earths</i> , 2015, 33, 599-603.	4.8	17
74	Multi-band photon avalanche controlling performance of BiOCl:Er ³⁺ crystals through facile Yb ³⁺ doping. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8559-8565.	5.5	21
75	Investigation on the upconversion emission in 2D BiOBr:Yb ³⁺ /Ho ³⁺ nanosheets. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 135-141.	3.9	20
76	Far-Red-Emitting BiOCl:Eu ³⁺ Phosphor with Excellent Broadband λ UV-Excitation for White-Light-Emitting Diodes. <i>Journal of the American Ceramic Society</i> , 2015, 98, 2170-2176.	3.8	42
77	Coupling of Ag Nanoparticle with Inverse Opal Photonic Crystals as a Novel Strategy for Upconversion Emission Enhancement of NaYF ₄ : Yb ³⁺ , Er ³⁺ Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25211-25218.	8.0	88
78	Ag Nanoparticles-Enhanced Photoluminescence in La ₃ PO ₄ : Eu Three-Dimensional Ordered Macroporous Films. <i>Journal of the American Ceramic Society</i> , 2015, 98, 1562-1566.	3.8	5
79	Effect of Zn ²⁺ dopant on photon avalanche upconversion behavior of BiOCl:Er ³⁺ crystals. <i>Journal of Rare Earths</i> , 2015, 33, 1098-1103.	4.8	11
80	Unusual Effect of Cerium Codoping on Stokes and Anti-Stokes Luminescence of BiOCl:Er ³⁺ Crystal. <i>IEEE Photonics Journal</i> , 2015, 7, 1-8.	2.0	0
81	Ag ₂ O dependent up-conversion luminescence properties in Tm ³⁺ /Er ³⁺ /Yb ³⁺ co-doped oxyfluorogermanate glasses. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	10
82	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
83	Broadband orange emission from Bi activated calcium fluorophosphate. <i>Materials Research Bulletin</i> , 2014, 50, 490-493.	5.2	6
84	Investigation on existing states and photoluminescence property of silver in the SiO ₂ -three-dimensionally ordered macroporous materials. <i>RSC Advances</i> , 2014, 4, 33607.	3.6	11
85	Upconversion emission properties of CeO ₂ : Tm ³⁺ , Yb ³⁺ inverse opal photonic crystals. <i>Modern Physics Letters B</i> , 2014, 28, 1450218.	1.9	0
86	Upconversion Emission Enhancement of NaYF ₄ :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
87	Efficient near-infrared to visible and ultraviolet upconversion in polycrystalline BiOCl:Er ³⁺ /Yb ³⁺ synthesized at low temperature. <i>Ceramics International</i> , 2013, 39, 8911-8916.	4.8	40
88	High multi-photon visible upconversion emissions of Er ³⁺ singly doped BiOCl microcrystals: A photon avalanche of Er ³⁺ induced by 980-nm excitation. <i>Applied Physics Letters</i> , 2013, 103, 231104.	3.3	41
89	Enhancement of the up-conversion luminescence of Yb ³⁺ /Er ³⁺ or Yb ³⁺ /Tm ³⁺ co-doped NaYF ₄ nanoparticles by photonic crystals. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6541.	5.5	73
90	Preparation and characterization of Er ³⁺ -Yb ³⁺ -Ce ³⁺ co-doped transparent glass ceramic containing nano Ca ₅ (PO ₄) ₃ F crystals. <i>Journal of Rare Earths</i> , 2013, 31, 400-404.	4.8	10

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91	Preparation and blue-to-white luminescence properties of Bi ³⁺ -doped Ba ₅ SiO ₄ Cl ₆ . Journal of Materials Science, 2013, 48, 8566-8570.	3.7	21
92	Synthesis and Near-Infrared Fluorescent Properties of Nd ³⁺ -Yb ³⁺ Co-Doped Lanthanum Phosphate. , 2012, , .		1
93	Energy transfer and photoluminescence modification in Yb ³⁺ -Er ³⁺ -Tm triply doped Y ₂ Ti ₂ O ₇ upconversion inverse opal. Journal of Materials Chemistry, 2012, 22, 18558.	6.7	45
94	Upconversion of Nd ³⁺ in Nd ³⁺ -Yb ³⁺ Co-Doped Transparent Glass Ceramics Embedding Nano Ca ₅ (PO ₄) ₃ F Crystals. , 2012, , .		1
95	Blue and green upconversion luminescence modification of Tb ³⁺ -Yb ³⁺ co-doped Ca ₅ (PO ₄) ₃ F inverse opal. Journal of Sol-Gel Science and Technology, 2012, 62, 149-152.	2.4	6
96	Modification of the upconversion spontaneous emission in photonic crystals. Materials Chemistry and Physics, 2012, 133, 584-587.	4.0	18
97	Effect of photonic bandgap on upconversion emission in YbPO ₄ :Er inverse opal photonic crystals. Applied Optics, 2011, 50, 287.	2.1	17
98	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
99	Photonic band gap and upconversion emission properties of Yb, Er co-doped lead lanthanum titanate inverse opal photonic crystals. Applied Physics A: Materials Science and Processing, 2011, 103, 995-999.	2.3	15
100	Frequency up-conversion luminescence properties and mechanism of Tm ³⁺ /Er ³⁺ /Yb ³⁺ co-doped oxyfluorogermanate glasses. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 393-397.	1.0	9
101	Ultra-sensitive photoluminescence modification of Eu ³⁺ ion based on light-tuning surface potential of Bi ₃ O ₄ Cl layered semiconductor and application for facile UV light detector. Journal of Materials Chemistry C, 0, , .	5.5	4
102	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