

Huyihua Hu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

112
papers

2,222
citations

27
h-index

40
g-index

114
ext. papers

2,732
ext. citations

4.7
avg, IF

5.2
L-index

#	Paper	IF	Citations
112	Ni-Doped Garnet Solid-Solution Phosphor-Converted Broadband Shortwave Infrared Light-Emitting Diodes toward Spectroscopy Application.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	13
111	Tunable ultraviolet-B full-spectrum delayed luminescence of bismuth-activated phosphors for high-secure data encryption and decryption. <i>Journal of Alloys and Compounds</i> , 2022 , 902, 163776	5.7	6
110	Regulating electron traps of Eu ²⁺ -doped Ba _{1.6} Ca _{0.4} SiO ₄ persistent and optically stimulated luminescence phosphor toward optical data storage. <i>Journal of Luminescence</i> , 2022 , 241, 118518	3.8	1
109	Ratiometric optical thermometer based on thermally coupled levels and non-thermally coupled levels. <i>Journal of Alloys and Compounds</i> , 2021 , 894, 162494	5.7	14
108	Persistent-Luminescence Phosphors: Trap Energy Upconversion-Like Near-Infrared to Near-Infrared Light Rejuvenateable Persistent Luminescence (Adv. Mater. 15/2021). <i>Advanced Materials</i> , 2021 , 33, 2170418	11	1
107	Photochromism of Sm ³⁺ -doped perovskite oxide: Ultrahigh-contrast optical switching and erasable optical recording. <i>Journal of Luminescence</i> , 2021 , 233, 117922	3.8	9
106	Flux-assisted low-temperature synthesis of Mn ⁴⁺ -doped unusual broadband deep-red phosphors toward warm w-LEDs. <i>Journal of Alloys and Compounds</i> , 2021 , 870, 159394	5.7	6
105	Trap Energy Upconversion-Like Near-Infrared to Near-Infrared Light Rejuvenateable Persistent Luminescence. <i>Advanced Materials</i> , 2021 , 33, e2008722	24	23
104	Multi-site occupation of Cr ³⁺ toward developing broadband near-infrared phosphors. <i>Ceramics International</i> , 2021 , 47, 23558-23563	5.1	3
103	Photon energy conversion and management in SrAl ₁₂ O ₁₉ : Mn ²⁺ , Gd ³⁺ for rewritable optical information storage. <i>Chemical Engineering Journal</i> , 2021 , 420, 129844	14.7	5
102	Reversible multiplexing optical information storage and photoluminescence switching in Eu ²⁺ -doped fluorophosphate-based tunable photochromic materials. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 5930-5944	7.1	6
101	Reversible photoluminescence switching in photochromic material Sr ₆ Ca ₄ (PO ₄) ₆ F ₂ :Eu ²⁺ and the modified performance by trap engineering via Ln ³⁺ (Ln = La, Y, Gd, Lu) co-doping for erasable optical data storage. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 6403-6412	7.1	11
100	Novel yellow color-emitting BaY ₂ O ₄ :Dy ³⁺ phosphors: persistent luminescence from blue to red. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	2
99	Ni ²⁺ -Doped Yttrium Aluminum Gallium Garnet Phosphors: Bandgap Engineering for Broad-Band Wavelength-Tunable Shortwave-Infrared Long-Persistent Luminescence and Photochromism. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 6543-6550	8.3	26
98	Optically Stimulated Luminescence Phosphors: Principles, Applications, and Prospects. <i>Laser and Photonics Reviews</i> , 2020 , 14, 2000123	8.3	32
97	Aliovalent Doping and Surface Grafting Enable Efficient and Stable Lead-Free Blue-Emitting Perovskite Derivative. <i>Advanced Optical Materials</i> , 2020 , 8, 2000779	8.1	30
96	A high efficient and anti-thermal dual-emission blue-green phosphors for warm white LEDs. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	1

95	Strontium substitution enhancing a novel Sm ³⁺ -doped barium gallate phosphor with bright and red long persistent luminescence. <i>Journal of Luminescence</i> , 2020 , 218, 116820	3.8	5
94	Tailoring Multidimensional Traps for Rewritable Multilevel Optical Data Storage. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 35023-35029	9.5	30
93	Widening the emission spectrum of Eu ²⁺ in Na ₃ Sc ₂ (PO ₄) ₃ to full-color via controlling the multi-emission centers by equivalent substitution of Sc Al and PO ₄ -BO ₃ . <i>Optical Materials</i> , 2019 , 88, 635-641	3.3	7
92	A spatial/temporal dual-mode optical thermometry platform based on synergetic luminescence of Ti ⁴⁺ -Eu ³⁺ embedded flexible 3D micro-rod arrays: High-sensitive temperature sensing and multi-dimensional high-level secure anti-counterfeiting. <i>Chemical Engineering Journal</i> , 2019 , 374, 992-1004	14.7	84
91	High brightness and precise adjustment of multicolor-tunable luminescence of Lu ₂ GeO ₅ :Tb ³⁺ , Eu ³⁺ phosphors for white LEDs. <i>Current Applied Physics</i> , 2019 , 19, 1052-1061	2.6	12
90	Energy transfer and luminescence properties of Y ₃ Al ₂ Ga ₃ O ₁₂ : Tb ³⁺ , Sm ³⁺ as a multi-colour emitting phosphors. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 10491-10498	2.1	1
89	Li Zn Ga Ge O : Cr , Ti : A Long Persistent Phosphor Excited in a Wide Spectral Region from UV to Red Light for Reproducible Imaging through Biological Tissue. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1506-1514	4.5	13
88	Energy transfer and tunable luminescence properties in Y ₃ Al ₂ Ga ₃ O ₁₂ : Tb ³⁺ , Eu ³⁺ phosphors. <i>Journal of Alloys and Compounds</i> , 2019 , 787, 672-682	5.7	35
87	Investigation of new color-tunable up-conversion phosphors and their long-persistent luminescence properties for potential biomedical applications. <i>Applied Physics A: Materials Science and Processing</i> , 2019 , 125, 1	2.6	
86	An All-Optical Ratiometric Thermometer Based on Reverse Thermal Response from Interplay among Diverse Emission Centers and Traps with High-Temperature Sensitivity. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 21242-21251	3.9	16
85	Photocatalytic titanium dioxide immobilized on an ultraviolet emitting ceramic substrate for water purification. <i>Materials Letters</i> , 2019 , 240, 100-102	3.3	17
84	A novel photochromic material based on halophosphate: Remote light-controlled reversible luminescence modulation and fluorescence lifetime regulation. <i>Ceramics International</i> , 2019 , 45, 5971-5980	5.1	8
83	Crystal field modulation-control, bandgap engineering and shallow/deep traps tailoring-guided design of a color-tunable long-persistent phosphor (Ca, Sr)GaO:Mn,Bi . <i>Dalton Transactions</i> , 2018 , 48, 253-265	4.3	26
82	Bio-Imaging with Persistent Phosphors: Coordination Geometry-Dependent Multi-Band Emission and Atypically Deep-Trap-Dominated NIR Persistent Luminescence from Chromium-Doped Aluminates (Advanced Optical Materials 7/2018). <i>Advanced Optical Materials</i> , 2018 , 6, 1870029	8.1	2
81	Coordination Geometry-Dependent Multi-Band Emission and Atypically Deep-Trap-Dominated NIR Persistent Luminescence from Chromium-Doped Aluminates. <i>Advanced Optical Materials</i> , 2018 , 6, 1701161	8.1	31
80	Intrinsic defects and spectral characteristics of SrZrO ₃ perovskite. <i>Physica B: Condensed Matter</i> , 2018 , 534, 105-112	2.8	5
79	Reversible luminescence switching and non-destructive optical readout behaviors of Sr ₃ SnMO ₇ : Eu ³⁺ (M = Sn, Si, Ge, Ti, Zr, and Hf) driven by photochromism and tuned by partial cation substitution. <i>Sensors and Actuators B: Chemical</i> , 2018 , 262, 289-297	8.5	17
78	Investigation of reversible photoluminescence switching driven by colorless-purple photochromism in Sr ₅ (PO ₄) ₃ F:Eu ²⁺ for optical storage applications. <i>Journal of Alloys and Compounds</i> , 2018 , 753, 607-614	5.7	10

77	Long persistent phosphor SrZrO ₃ :Yb ³⁺ with dual emission in NUV and NIR region: A combined experimental and first-principles methods. <i>Journal of Alloys and Compounds</i> , 2018 , 766, 663-671	5.7	10
76	Tunable whole visible region color emission, enhancing emission intensity and persistent performance of a self-activated phosphor: Na ₂ CaSn ₂ Ge ₃ O ₁₂ . <i>Ceramics International</i> , 2018 , 44, 18809-18816	5.1	18
75	A single-phase full-color emitting phosphor Na ₃ Sc ₂ (PO ₄) ₃ :Eu ²⁺ /Tb ³⁺ /Mn ²⁺ with near-zero thermal quenching and high quantum yield for near-UV converted warm w-LEDs. <i>Journal of the American Ceramic Society</i> , 2018 , 101, 5627-5639	3.8	32
74	Persistent luminescence in BaGd ₂ O ₄ :Dy ³⁺ : from blue to infrared. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	5
73	Trap distribution tailoring guided design of super-long-persistent phosphor Ba ₂ SiO ₄ :Eu ²⁺ , Ho ³⁺ and photostimulable luminescence for optical information storage. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 6058-6067	7.1	66
72	Tunable Multimode Plasmonic Filter Based on Side-Coupled Ring-Groove Joint Resonator. <i>Plasmonics</i> , 2017 , 12, 427-431	2.4	8
71	Tunable blue-green color emitting phosphors Sr ₃ YNa(PO ₄) ₃ F:Eu ²⁺ , Tb ³⁺ based on energy transfer for near-UV white LEDs. <i>Journal of Luminescence</i> , 2017 , 185, 106-111	3.8	23
70	Persistent luminescence in the self-activated K ₂ Zr(BO ₃) ₂ . <i>RSC Advances</i> , 2017 , 7, 4190-4195	3.7	6
69	Design and control of the coloration degree for photochromic Sr ₃ GdNa(PO ₄) ₃ F:Eu ²⁺ via traps modulation by Ln ³⁺ (Ln = Y, La-Sm, Tb-Lu) co-doping. <i>Sensors and Actuators B: Chemical</i> , 2017 , 245, 256-262	8.5	32
68	Reversible white-purple photochromism in europium doped Sr ₃ GdLi(PO ₄) ₃ F powders. <i>Journal of Luminescence</i> , 2017 , 186, 238-242	3.8	8
67	Sr ₃ GdLi(PO ₄) ₃ F:Eu ²⁺ , Mn ²⁺ : A tunable blue-white color emitting phosphor via energy transfer for near-UV white LEDs. <i>Ceramics International</i> , 2017 , 43, 8824-8830	5.1	7
66	Cr ³⁺ -activated Li ₅ Zn ₈ Al ₅ Ge ₉ O ₃₆ : A near-infrared long-afterglow phosphor. <i>Journal of the American Ceramic Society</i> , 2017 , 100, 3070-3079	3.8	24
65	Photoluminescence of a novel Na ₃ Y(VO ₄) ₂ :Eu ³⁺ red phosphor for near ultraviolet light emitting diodes application. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 2529-2537	2.1	10
64	Enhanced red-emitting phosphor Na ₂ Ca ₃ Si ₂ O ₈ :Eu ³⁺ by charge compensation. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 5262-5269	2.1	0
63	Fano Resonance Based on End-Coupled Cascaded-Ring MIM Waveguides Structure. <i>Plasmonics</i> , 2017 , 12, 1875-1880	2.4	17
62	White-light long persistent luminescence of Tb ³⁺ -doped Y ₃ Al ₂ Ga ₃ O ₁₂ phosphor. <i>Journal of Alloys and Compounds</i> , 2017 , 729, 418-425	5.7	27
61	Sr ₃ YLi(PO ₄) ₃ F:Eu ²⁺ , Ln ³⁺ : colorless-magenta photochromism and coloration degree regulation through Ln ³⁺ co-doping. <i>RSC Advances</i> , 2017 , 7, 43700-43707	3.7	8
60	Tailoring light emission properties and optoelectronic and optothermal responses from rare earth-doped bismuth oxide for multifunctional light shielding, temperature sensing, and photodetection. <i>RSC Advances</i> , 2017 , 7, 44908-44914	3.7	9

59	A novel tunable color emitting phosphor Sr ₃ YLi(PO ₄) ₃ F:Eu ²⁺ , Mn ²⁺ for near-UV white LEDs based on the energy transfer from Eu ²⁺ to Mn ²⁺ . <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 19139-19147	2.1	1
58	A co-doping influence towards enhanced persistent duration of long persistent phosphors. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 16842-16846	2.1	12
57	Photoluminescence and afterglow of Mn ²⁺ doped lithium zinc silicate. <i>Journal of Luminescence</i> , 2017 , 183, 68-72	3.8	10
56	A white-light emitting phosphor LuNbO ₄ :Dy ³⁺ with tunable emission color manipulated by energy transfer from NbO ₄ groups to Dy ³⁺ . <i>Journal of Luminescence</i> , 2017 , 181, 189-195	3.8	23
55	Plasmonic Bidirectional/Unidirectional Wavelength Splitter Based on Metal-Dielectric-Metal Waveguides. <i>Plasmonics</i> , 2016 , 11, 71-77	2.4	8
54	Plasmonic-Induced Absorption and Transparency Based on a Compact Ring-Groove Joint MIM Waveguide Structure. <i>IEEE Photonics Journal</i> , 2016 , 8, 1-8	1.8	11
53	Luminescence and energy transfer properties of Sr ₃ Y(PO ₄) ₃ :Ce ³⁺ , Mn ²⁺ phosphors. <i>Physica B: Condensed Matter</i> , 2016 , 485, 39-44	2.8	9
52	A blue-green-emitting phosphor Na ₂ Ca ₃ Si ₂ O ₈ :Tb ³⁺ with tunable emission color manipulated by cross-relaxation. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 3867-3872	2.1	4
51	Photoluminescence properties of a novel red phosphor Sr ₃ Ga ₂ O ₅ Cl ₂ :Eu ³⁺ . <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	5
50	The exploration and characterization of an orange emitting long persistent luminescence phosphor LiSr ₄ (BO ₃) ₃ :Eu ²⁺ . <i>Journal of Luminescence</i> , 2016 , 172, 53-60	3.8	5
49	An intense red-emitting phosphor Sr ₃ Lu(PO ₄) ₃ :Eu ³⁺ for near ultraviolet light emitting diodes application. <i>Ceramics International</i> , 2016 , 42, 3659-3665	5.1	33
48	A deep red phosphor Li ₂ MgTiO ₄ :Mn ⁴⁺ exhibiting abnormal emission: Potential application as color converter for warm w-LEDs. <i>Chemical Engineering Journal</i> , 2016 , 288, 596-607	14.7	196
47	Single/Dual Fano Resonance Based on Plasmonic Metal-Dielectric-Metal Waveguide. <i>Plasmonics</i> , 2016 , 11, 315-321	2.4	54
46	Synthesis and luminescence of Sr ₂ Ta ₂ O ₇ :Pr ³⁺ : a novel blue emission, long persistent phosphor. <i>Journal of Materials Research</i> , 2016 , 31, 3704-3711	2.5	2
45	Photoluminescence and long persistent luminescence properties of a novel green emitting phosphor Sr ₃ TaAl ₃ Si ₂ O ₁₄ :Tb ³⁺ . <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	3
44	Multifunctional near-infrared emitting Cr ³⁺ -doped Mg ₄ Ga ₈ Ge ₂ O ₂₀ particles with long persistent and photostimulated persistent luminescence, and photochromic properties. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 6614-6625	7.1	85
43	Photoluminescence spectroscopies and temperature-dependent luminescence of Mn ⁴⁺ in BaGe ₄ O ₉ phosphor. <i>Journal of Luminescence</i> , 2016 , 177, 394-401	3.8	39
42	Luminescence properties of a novel greenish-blue emission long persistent phosphor Sr ₃ TaAl ₃ Si ₂ O ₁₄ :Pr ³⁺ . <i>Ceramics International</i> , 2016 , 42, 11039-11044	5.1	13

41	Photoluminescence and long persistent luminescence properties of a novel green emitting phosphor $\text{Ca}_3\text{TaAl}_3\text{Si}_2\text{O}_{14}:\text{Tb}^{3+}$. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 8486-8492 ^{2,1}		6
40	An intense single-component warm-white-light $\text{Sr}_3\text{Lu}(\text{PO}_4)_3:\text{Dy}^{3+}$ phosphor for white UV-LEDs. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 13235-13241	2.1	9
39	Preparation, Design, and Characterization of the Novel Long Persistent Phosphors: $\text{Na}_2\text{ZnGeO}_4$ and $\text{Na}_2\text{ZnGeO}_4:\text{Mn}^{2+}$. <i>Journal of the American Ceramic Society</i> , 2015 , 98, 1555-1561	3.8	32
38	Luminescence properties and energy transfer in $\text{Ca}_3(\text{PO}_4)_2:\text{Ce}^{3+}$, Tb^{3+} phosphors. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 120, 301-308	2.6	7
37	Luminescence properties of the pink emitting persistent phosphor Pr^{3+} -doped $\text{La}_3\text{GaGe}_5\text{O}_{16}$. <i>RSC Advances</i> , 2015 , 5, 37172-37179	3.7	24
36	Effects of Ln^{3+} ($\text{Ln}=\text{Ce}$, Pr , Tb and Lu) doping on the persistent luminescence properties $\text{BaMg}_2(\text{PO}_4)_2:\text{Eu}^{2+}$ phosphor. <i>Ceramics International</i> , 2015 , 41, 14998-15004	5.1	12
35	Novel $\text{La}_3\text{GaGe}_5\text{O}_{16}:\text{Mn}^{4+}$ based deep red phosphor: a potential color converter for warm white light. <i>RSC Advances</i> , 2015 , 5, 90499-90507	3.7	48
34	Reversible colorless-cyan photochromism in Eu^{2+} -doped $\text{Sr}_3\text{YNa}(\text{PO}_4)_3\text{F}$ powders. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 9435-9443	7.1	43
33	Fluorescence and energy transfer in $\text{CaMgP}_2\text{O}_7:\text{Ce}^{3+}$, Tb^{3+} phosphor. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2015 , 193, 27-31	3.1	23
32	Fano Resonance with Ultra-High Figure of Merits Based on Plasmonic Metal-Insulator-Metal Waveguide. <i>Plasmonics</i> , 2015 , 10, 27-32	2.4	82
31	Multiple Plasmon-Induced Transparency Responses in a Subwavelength Inclined Ring Resonators System. <i>IEEE Photonics Journal</i> , 2015 , 7, 1-7	1.8	15
30	Tunable emission and efficient energy-transfer properties of Ce^{3+} and Mn^{2+} co-doped $\text{Ba}_3\text{Gd}(\text{PO}_4)_3$ phosphors. <i>Applied Physics A: Materials Science and Processing</i> , 2014 , 117, 823-829	2.6	10
29	A Plasmonic Wavelength-Selected Intersection Structure. <i>Plasmonics</i> , 2014 , 9, 685-690	2.4	14
28	Photoluminescence properties and energy transfer of $\text{Ca}_3\text{WO}_6:\text{Sm}^{3+}$ co-doped Eu^{3+} . <i>Applied Physics A: Materials Science and Processing</i> , 2014 , 115, 1073-1080	2.6	7
27	Photoluminescence characterization and energy transfer between $(\text{WO}_4)^{2-}$ groups and (Sm^{3+}) in $(\text{CaWO}_4)_x(\text{Sm}^{3+})_y$ phosphor. <i>Applied Physics A: Materials Science and Processing</i> , 2014 , 115, 859-865	2.6	5
26	Luminescent properties of a novel afterglow phosphor $\text{Sr}_3\text{Al}_2\text{O}_5\text{Cl}_2:\text{Eu}^{2+}$, Ce^{3+} . <i>Ceramics International</i> , 2014 , 40, 8229-8236	5.1	19
25	Design of an Optical Power and Wavelength Splitter Based on Subwavelength Waveguides. <i>Journal of Lightwave Technology</i> , 2014 , 32, 3020-3026	4	25
24	Synthesis and Persistent Luminescence Mechanism of a Novel Orange Emitting Persistent Phosphor $\text{Sr}_5(\text{BO}_3)_3\text{Cl}:\text{Eu}^{2+}$. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 2573-2579	3.8	22

23	Reversible white and light gray photochromism in europium doped Zn ₂ GeO ₄ . <i>Materials Letters</i> , 2014 , 134, 187-189	3.3	25
22	Photoluminescence, reddish orange long persistent luminescence and photostimulated luminescence properties of praseodymium doped CdGeO ₃ phosphor. <i>Journal of Alloys and Compounds</i> , 2014 , 616, 159-165	5.7	30
21	Systematic investigation of photoluminescence on the mixed valence of europium in Zn ₂ GeO ₄ host. <i>Applied Physics A: Materials Science and Processing</i> , 2014 , 116, 1985-1992	2.6	9
20	The long persistent luminescence properties of phosphors: Li ₂ ZnGeO ₄ and Li ₂ ZnGeO ₄ :Mn ²⁺ . <i>RSC Advances</i> , 2014 , 4, 11360-11366	3.7	39
19	Color tuning of Ba ₂ ZnSi ₂ O ₇ :Ce ³⁺ , Tb ³⁺ phosphor via energy transfer. <i>Journal of Luminescence</i> , 2014 , 153, 412-416	3.8	17
18	A novel orange emitting long afterglow phosphor Ca ₃ Si ₂ O ₇ :Eu ²⁺ and the enhancement by R ³⁺ ions (R=Tm, Dy and Er). <i>Materials Letters</i> , 2014 , 126, 75-77	3.3	28
17	Tunable blue-green color emission and energy transfer properties of Li ₂ CaGeO ₄ :Ce ³⁺ , Tb ³⁺ phosphors for near-UV white-light LEDs. <i>Journal of Alloys and Compounds</i> , 2014 , 610, 695-700	5.7	27
16	Persistent luminescence properties of SrMg ₂ (PO ₄) ₂ :Eu ²⁺ , Tb ³⁺ . <i>Applied Physics A: Materials Science and Processing</i> , 2014 , 114, 867-874	2.6	16
15	Luminescence properties and energy transfer in the novel red emitting phosphors Ba ₂ Ln(BO ₃) ₂ Cl:Sm ³⁺ , Eu ³⁺ (Ln=Y, Gd). <i>Physica B: Condensed Matter</i> , 2014 , 450, 99-105	2.8	11
14	Investigation of the persistent luminescence of LiBaPO ₄ :Eu ²⁺ . <i>Journal of Materials Research</i> , 2014 , 29, 519-526	2.5	7
13	A novel emitting color tunable phosphor Ba ₃ Gd(PO ₄) ₃ : Ce ³⁺ , Tb ³⁺ based on energy transfer. <i>Physica B: Condensed Matter</i> , 2014 , 436, 105-110	2.8	33
12	Photochromism of rare earth doped barium haloapatite. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013 , 251, 100-105	4.7	18
11	The influence of auxiliary codopants on persistent phosphor Sr ₂ P ₂ O ₇ :Eu ²⁺ , R ³⁺ (R=Y, La, Ce, Gd, Tb and Lu). <i>Materials Research Bulletin</i> , 2013 , 48, 4743-4748	5.1	16
10	Luminescence properties of a novel orange emission long persistent phosphor CaO:Sm ³⁺ . <i>Optics Communications</i> , 2013 , 311, 266-269	2	13
9	Persistent luminescence in Ba ₅ (PO ₄) ₃ Cl:Eu ²⁺ , R ³⁺ (R = Y, La, Ce, Gd, Tb and Lu). <i>Materials Research Bulletin</i> , 2013 , 48, 2598-2603	5.1	16
8	Luminescent properties of Tb ³⁺ -doped Ca ₂ SnO ₄ phosphor. <i>Journal of Luminescence</i> , 2013 , 138, 83-88	3.8	48
7	Luminescence Properties of Dual-Emission (UV/Visible) Long Afterglow Phosphor SrZrO ₃ : Pr ³⁺ . <i>Journal of the American Ceramic Society</i> , 2013 , 96, 3821-3827	3.8	63
6	A novel Ba ₂ MgMoO ₆ :Eu ³⁺ orange-red phosphor: Photoluminescence properties and mechanism of charge and energy transfer. <i>Journal of Materials Research</i> , 2013 , 28, 3130-3136	2.5	3

5	Luminescent Properties of Praseodymium in CaWO ₄ Matrix. <i>Journal of the American Ceramic Society</i> , 2012 , 95, 3214-3219	3.8	20
4	Sol-gel synthesis of Eu ³⁺ incorporated CaMoO ₄ : the enhanced luminescence performance. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 62, 227-233	2.3	35
3	Enhancement on afterglow properties of Eu ³⁺ by Ti ⁴⁺ , Mg ²⁺ incorporation in CaWO ₄ matrix. <i>Journal of Materials Research</i> , 2012 , 27, 959-964	2.5	7
2	LARGE PIEZOELECTRIC EFFECT IN LOW-TEMPERATURE-SINTERED LEAD-FREE (Ba _{0.85} Ca _{0.15})(Zr _{0.1} Ti _{0.9})O ₃ THICK FILMS. <i>Functional Materials Letters</i> , 2012 , 05, 1250029	1.2	5
1	Highly efficient and stable broadband near-infrared-emitting lead-free metal halide double perovskites. <i>Journal of Materials Chemistry C</i> ,	7.1	2