

Zhongfei Mu

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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.

109 papers	2,318 citations	28 h-index	41 g-index
116 ext. papers	2,946 ext. citations	4 avg, IF	5.17 L-index

#	Paper	IF	Citations
109	A deep red phosphor $\text{Li}_2\text{MgTiO}_4\text{:Mn}^{4+}$ exhibiting abnormal emission: Potential application as color converter for warm w-LEDs. <i>Chemical Engineering Journal</i> , 2016 , 288, 596-607	14.7	196
108	Multifunctional near-infrared emitting Cr^{3+} -doped $\text{Mg}_4\text{Ga}_8\text{Ge}_2\text{O}_{20}$ 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
107	Luminescence properties of $\text{Y}_2\text{O}_3\text{:Bi}^{3+}$, Ln^{3+} ($\text{Ln}=\text{Sm}, \text{Eu}, \text{Dy}, \text{Er}, \text{Ho}$) and the sensitization of Ln^{3+} by Bi^{3+} . <i>Journal of Luminescence</i> , 2012 , 132, 1853-1859	3.8	65
106	A review on fluorescence intensity ratio thermometer based on rare-earth and transition metal ions doped inorganic luminescent materials. <i>Journal of Alloys and Compounds</i> , 2021 , 850, 156744	5.7	65
105	Luminescence and red long afterglow investigation of $\text{Eu}^{3+}/\text{Sm}^{3+}$ CO-doped CaWO_4 phosphor. <i>Journal of Luminescence</i> , 2012 , 132, 887-894	3.8	59
104	A red-emitting heavy doped phosphor $\text{Li}_6\text{Y}(\text{BO}_3)_3\text{:Eu}^{3+}$ for white light-emitting diodes. <i>Optical Materials</i> , 2011 , 33, 1297-1301	3.3	57
103	Enhanced red emission in $\text{ZnMoO}_4\text{:Eu}^{3+}$ by charge compensation. <i>Journal Physics D: Applied Physics</i> , 2010 , 43, 055101	3	52
102	Luminescent properties of Tb^{3+} -doped Ca_2SnO_4 phosphor. <i>Journal of Luminescence</i> , 2013 , 138, 83-88	3.8	48
101	Synthesis and luminescent properties of Eu^{3+} -activated molybdate-based novel red-emitting phosphors for white LEDs. <i>Journal of Alloys and Compounds</i> , 2010 , 501, 124-129	5.7	48
100	A red phosphor $\text{Mg}_3\text{Y}_2\text{Ge}_3\text{O}_{12}\text{:Bi}^{3+}, \text{Eu}^{3+}$ with high brightness and excellent thermal stability of luminescence for white light-emitting diodes. <i>Journal of Luminescence</i> , 2019 , 210, 202-209	3.8	44
99	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
98	A reddish orange-emitting stoichiometric phosphor $\text{K}_3\text{Eu}(\text{PO}_4)_2$ for white light-emitting diodes. <i>Optics and Laser Technology</i> , 2012 , 44, 39-42	4.2	43
97	Enhanced red emission in $\text{ZnB}_2\text{O}_4\text{:Eu}^{3+}$ by charge compensation. <i>Optical Materials</i> , 2011 , 34, 89-94	3.3	42
96	White-Light Generation and Energy Transfer in $\text{Y}_2\text{O}_3\text{:Bi,Eu}$ Phosphor for Ultraviolet Light-Emitting Diodes. <i>Journal of the Electrochemical Society</i> , 2011 , 158, J294	3.9	42
95	Pyrene-based blue emitters with aggregation-induced emission features for high-performance organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 2283-2290	7.1	40
94	A single-phase, color-tunable, broadband-excited white light-emitting phosphor $\text{Y}_2\text{WO}_6\text{:Sm}^{3+}$. <i>Journal of Luminescence</i> , 2014 , 146, 33-36	3.8	37
93	Luminescence investigation of $\text{Eu}^{3+}\text{-Bi}^{3+}$ co-doped CaMoO_4 phosphor. <i>Journal of Rare Earths</i> , 2011 , 29, 837-842	3.7	37

92	Enhanced luminescence of Dy ³⁺ in Y ₃ Al ₅ O ₁₂ by Bi ³⁺ co-doping. <i>Journal of Luminescence</i> , 2011 , 131, 1687-1691	3.8	37
91	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
90	Concentration quenching of persistent luminescence. <i>Physica B: Condensed Matter</i> , 2013 , 415, 1-4	2.8	35
89	Luminescence and energy transfer of Mn ²⁺ and Tb ³⁺ in Y ₃ Al ₅ O ₁₂ phosphors. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 6476-6480	5.7	34
88	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
87	Preparation, Design, and Characterization of the Novel Long Persistent Phosphors: Na ₂ ZnGeO ₄ and Na ₂ ZnGeO ₄ :Mn ²⁺ . <i>Journal of the American Ceramic Society</i> , 2015 , 98, 1555-1561	3.8	32
86	Luminescence properties of Eu ³⁺ doped La ₃ Ga ₅ GeO ₁₄ and effect of Bi ³⁺ co-doping. <i>Journal of Luminescence</i> , 2018 , 196, 50-56	3.8	31
85	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
84	Trivalent Chromium Ions Doped Fluorides with Both Broad Emission Bandwidth and Excellent Luminescence Thermal Stability. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 18274-18282	9.5	30
83	The structure and luminescence properties of long afterglow phosphor Y ₃ Mn _x Al _{5-x} Si _x O ₁₂ . <i>Journal of Luminescence</i> , 2011 , 131, 676-681	3.8	29
82	Bi ³⁺ and Sm ³⁺ co-doped La ₂ MgGeO ₆ : A novel color-temperature indicator based on different heat quenching behavior from different luminescent centers. <i>Journal of Luminescence</i> , 2019 , 206, 462-468	3.8	29
81	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
80	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
79	Near-infrared quantum cutting via energy transfer in Bi ³⁺ , Yb ³⁺ co-doped Lu ₂ GeO ₅ down-converting phosphor. <i>Journal of Alloys and Compounds</i> , 2019 , 784, 611-619	5.7	27
78	The structure and luminescence properties of a novel orange emitting phosphor Y ₃ Mn _x Al _{5-x} Si _x O ₁₂ . <i>Physica B: Condensed Matter</i> , 2011 , 406, 864-868	2.8	26
77	Reversible white and light gray photochromism in europium doped Zn ₂ GeO ₄ . <i>Materials Letters</i> , 2014 , 134, 187-189	3.3	25
76	Luminescent properties of Na ₃ Gd _{1-x} Eu _x (PO ₄) ₂ and energy transfer in these phosphors. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 5655-5659	5.7	25
75	Observation on long afterglow of Tb ³⁺ in CaWO ₄ . <i>Materials Research Bulletin</i> , 2011 , 46, 2489-2493	5.1	25

74	Enhanced Red Emission in Sr ₂ CeO ₄ : Eu ³⁺ by Charge Compensation. <i>Journal of the Electrochemical Society</i> , 2011 , 158, J287	3.9	25
73	A novel near infrared long-persistent phosphor La ₂ MgGeO ₆ :Cr ³⁺ , RE ³⁺ (RE = Dy, Sm). <i>Journal of Luminescence</i> , 2019 , 206, 618-623	3.8	25
72	Luminescent properties of a green long persistent phosphor Li ₂ MgGeO ₄ :Mn ²⁺ . <i>Optical Materials Express</i> , 2016 , 6, 929	2.6	24
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	Dy ³⁺ Doped Ca ₉ Gd(PO ₄) ₇ : a novel single-phase full-color emitting phosphor. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 6548-6555	2.1	23
69	Photoluminescence and tunable emissions of La ₂ (GeO ₄)O:Bi ³⁺ , Eu ³⁺ phosphor for ultraviolet converted light emitting diodes. <i>Journal of Alloys and Compounds</i> , 2018 , 757, 423-433	5.7	23
68	Blue persistent luminescence in Eu ²⁺ doped Ca ₃ Mg ₃ (PO ₄) ₄ . <i>Optical Materials</i> , 2014 , 36, 1183-1188	3.3	22
67	Luminescent Properties of Praseodymium in CaWO ₄ Matrix. <i>Journal of the American Ceramic Society</i> , 2012 , 95, 3214-3219	3.8	20
66	Effect of defect configuration on the localization of phonons in two-dimensional phononic crystals. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013 , 377, 889-894	2.3	20
65	Bi ³⁺ and Mn ⁴⁺ co-doped La ₂ MgGeO ₆ blue-red tunable emission phosphors based on energy transfer for agricultural applications. <i>Optik</i> , 2019 , 179, 1035-1041	2.5	20
64	Fabrication of a high performance ZnIn ₂ S ₄ /Si heterostructure photodetector array for weak signal detection. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 12928-12939	7.1	20
63	A reddish orange stoichiometric phosphor LiEu(PO ₃) ₄ for white light-emitting diodes. <i>Ceramics International</i> , 2014 , 40, 2575-2579	5.1	19
62	A warm white emission of Bi-Eu and Bi-Sm codoping LuGeO phosphors by energy transfer of Bi-sensitized Eu/Sm. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 228, 117755	4.4	19
61	Persistent luminescence in Bi ³⁺ doped CaWO ₄ matrix. <i>Radiation Measurements</i> , 2013 , 51-52, 18-24	1.5	18
60	Synthesis and luminescence properties of a novel yellowish-pink emissive long persistent luminescence phosphor Cd ₂ GeO ₄ :Pr ³⁺ . <i>Journal of Alloys and Compounds</i> , 2015 , 623, 255-260	5.7	17
59	Persistent luminescence in CaAl ₂ Si ₂ O ₈ :Eu ²⁺ ,R ³⁺ (R=Pr, Nd, Dy, Ho and Er). <i>Journal of Luminescence</i> , 2014 , 146, 102-108	3.8	16
58	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
57	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

56	Luminescence and energy transfer in phosphor LiAl ₅ O ₈ : Ce ³⁺ , Dy ³⁺ . <i>Radiation Measurements</i> , 2012 , 47, 426-429	1.5	16
55	Ratiometric optical thermometer with high sensitivity based on dual far-red emission of Cr ³⁺ in Sr ₂ MgAl ₂₂ O ₃₆ . <i>Ceramics International</i> , 2020 , 46, 5008-5014	5.1	16
54	Acoustic metasurface for refracted wave manipulation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018 , 382, 357-361	2.3	16
53	Efficient near ultraviolet to near infrared downconversion photoluminescence of La ₂ GeO ₅ : Bi ³⁺ , Nd ³⁺ phosphor for silicon-based solar cells. <i>Optical Materials</i> , 2018 , 85, 523-530	3.3	16
52	Larger acoustic band gaps obtained by configurations of rods in two-dimensional phononic crystals. <i>Journal Physics D: Applied Physics</i> , 2007 , 40, 5584-5587	3	15
51	Ratiometric Optical Thermometer with High Sensitivity Based on Site-Selective Occupancy of Mn ²⁺ Ions in Li ₅ Zn ₈ Al ₅ Ge ₉ O ₃₆ under Controllable Synthesis Atmosphere. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 886-895	3.8	15
50	The luminescence of bismuth and europium in Ca ₄ YO(BO ₃) ₃ . <i>Journal of Luminescence</i> , 2012 , 132, 717-723	3.18	14
49	The synthesis and luminescence properties of a novel red-emitting phosphor: Eu ³⁺ -doped Ca ₉ La(PO ₄) ₇ . <i>Applied Physics A: Materials Science and Processing</i> , 2017 , 123, 1	2.6	14
48	Tunable Polarity Behavior and High-Performance Photosensitive Characteristics in Schottky-Barrier Field-Effect Transistors Based on Multilayer WS ₂ . <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 2745-2751	9.51	13
47	Transition-metal-element dependence of ideal shear strength and elastic behaviors of Ti-Ni ₃ Al: ab initio study to guide rational alloy design. <i>Journal of Alloys and Compounds</i> , 2019 , 806, 1260-1266	5.7	13
46	The luminescence properties, energy transfer mechanism of the color tunable and high quantum efficiency LaAl ₂ .O ₃ B ₄ O ₁₀ . ₅₄ : Ce ³⁺ , Tb ³⁺ phosphors. <i>Ceramics International</i> , 2019 , 45, 20316-20322	5.1	13
45	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
44	Reversible white-brown photochromism in a self-activated long-persistent phosphor Mg ₂ SnO ₄ . <i>Optical Materials Express</i> , 2017 , 7, 1014	2.6	12
43	Synthesis of Sm ³⁺ and Dy ³⁺ doped LaBWO ₆ for evaluation as potential materials in luminescent display applications. <i>Displays</i> , 2014 , 35, 261-265	3.4	12
42	Synthesis of Bi ³⁺ and Gd ³⁺ doped ZnB ₂ O ₄ for evaluation as potential materials in luminescent display applications. <i>Displays</i> , 2014 , 35, 147-151	3.4	11
41	Highly bright multicolor-tunable KSrLu(PO) ₃ :Ce, Tb, Mn phosphors via efficient energy transfer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 219, 110-120	4.4	10
40	Preparation and characterization of a long persistent phosphor Na ₂ Ca ₃ Si ₂ O ₈ :Ce ³⁺ . <i>Optical Materials Express</i> , 2015 , 5, 1488	2.6	10
39	Enhanced near infrared luminescence of Lu ₂ GeO ₅ : Nd ³⁺ by the co-doping of Bi ³⁺ . <i>Journal of Luminescence</i> , 2019 , 206, 278-283	3.8	10

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| 38 | Effect of alkali metal ions co-doping on the structure and luminescent properties of phosphor $\text{Zn}_3(\text{BO}_3)_2:\text{Eu}^{3+}$. <i>Displays</i> , 2013 , 34, 341-345 | 3.4 | 9 |
| 37 | Achieving an ultra-broadband infrared emission through efficient energy transfer in $\text{LiInP}_2\text{O}_7:\text{Cr}^{3+}, \text{Yb}^{3+}$ phosphor. <i>Journal of Alloys and Compounds</i> , 2022 , 894, 162386 | 5.7 | 9 |
| 36 | Understanding the cyan-emitting phosphor $\text{RbNa}(\text{Li}_3\text{SiO}_4)_2:\text{Eu}^{2+}$ by providing Rb ion vacancies. <i>Journal of Alloys and Compounds</i> , 2020 , 837, 155084 | 5.7 | 9 |
| 35 | Pyrene-based aggregation-induced emission luminogens (AIEgens) with less colour migration for anti-counterfeiting applications. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 12828-12838 | 7.1 | 9 |
| 34 | Preparation and luminescence properties of white light-emitting phosphors $\text{LaAl}_2.03\text{B}_4\text{O}_{10.54}:\text{Dy}^{3+}$. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1 | 2.6 | 9 |
| 33 | Efficient and Thermally Stable Broad-Band Near-Infrared Emission in a $\text{KAlPO}_4:\text{Cr}$ Phosphor for Nondestructive Examination.. <i>ACS Applied Materials & Interfaces</i> , 2022 , | 9.5 | 9 |
| 32 | Phase modulation of acoustic vortex beam with metasurfaces. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019 , 383, 2640-2644 | 2.3 | 8 |
| 31 | Red phosphor $\text{Li}_2\text{Mg}_2(\text{WO}_4)_3:\text{Eu}^{3+}$ with lyonsite structure for near ultraviolet light-emitting diodes. <i>Displays</i> , 2016 , 43, 18-22 | 3.4 | 8 |
| 30 | The synthesis and the luminescence properties of $\text{Sr}_2\text{Ga}_3\text{La}_{1-x}\text{Dy}_x\text{Ge}_3\text{O}_{14}$. <i>Physica B: Condensed Matter</i> , 2018 , 530, 258-263 | 2.8 | 8 |
| 29 | An investigation about the luminescence mechanism of $\text{SrGa}_2\text{O}_4:\text{Eu}^{3+}$ showing no detectable energy transfer from the host to the dopant ions. <i>Journal of Luminescence</i> , 2018 , 200, 169-174 | 3.8 | 7 |
| 28 | Recent progress in Eu^{2+} -activated phosphate persistent phosphors. <i>Optical Materials</i> , 2014 , 36, 1920-1923 | 3.3 | 7 |
| 27 | Enhancement of red fluorescence and afterglow in $\text{CaWO}_4:\text{Eu}^{3+}$ by addition of MoO_3 . <i>Displays</i> , 2013 , 34, 334-340 | 3.4 | 7 |
| 26 | Na Replaces Rb towards High-Performance Narrow-Band Green Phosphors for Backlight Display Applications. <i>Advanced Optical Materials</i> , 2021 , 9, 2100465 | 8.1 | 7 |
| 25 | A red emitting stoichiometric phosphor $\text{Sr}_2\text{Ga}_3\text{La}_{1-x}\text{Eu}_x\text{Ge}_3\text{O}_{14}$ for white light emitting diodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 15921-15927 | 2.1 | 6 |
| 24 | Energy Transfer and Multicolor-Tunable Emissions of $\text{Sr}_3\text{La}_6(\text{SiO}_4)_6:\text{Ce}^{3+}, \text{Tb}^{3+}, \text{Eu}^{3+}$. <i>Journal of Electronic Materials</i> , 2020 , 49, 1404-1411 | 1.9 | 6 |
| 23 | Preparation and Luminescence Properties of $\text{Ca}_9\text{NaZn}(\text{PO}_4)_7:\text{Dy}^{3+}$ Single-Phase White Light-Emitting Phosphor. <i>Journal of Electronic Materials</i> , 2018 , 47, 4840-4844 | 1.9 | 6 |
| 22 | Adjusting the structure and luminescence properties of $\text{Sr Ba MgAl}_2\text{O}_7:\text{Eu}$ phosphors by Sr:Ba ratio. <i>Luminescence</i> , 2018 , 33, 1371-1376 | 2.5 | 5 |
| 21 | Luminescence properties of Eu^{3+} and Ho^{3+} in Sr_2TiO_4 . <i>Journal of Rare Earths</i> , 2012 , 30, 744-747 | 3.7 | 4 |

20	A quantum topological transistor in bilayer graphene. <i>Applied Physics Express</i> , 2018 , 11, 075104	2.4	3
19	The effect of Sr/Ba ratio on the structure and luminescence properties of phosphors Sr ₂ -Ba MgGeO ₇ : Pb ²⁺ . <i>Optik</i> , 2018 , 174, 56-61	2.5	3
18	ACOUSTIC BAND GAPS TUNED BY TRANSLATION GROUP SYMMETRY IN TWO-DIMENSIONAL PERIODIC COMPOSITES. <i>Modern Physics Letters B</i> , 2009 , 23, 1687-1694	1.6	3
17	A Novel Orange Emitting Long Persistent Phosphor CdGeO ₃ :Sm ³⁺ . <i>Science of Advanced Materials</i> , 2017 , 9, 386-391	2.3	3
16	The design of dual-switch fluorescence intensity ratio thermometry with high sensitivity and thermochromism based on a combination strategy of intervalence charge transfer and up-conversion fluorescence thermal enhancement. <i>Dalton Transactions</i> , 2021 , 50, 9298-9309	4.3	3
15	Design of single-component panchromatic white light emitting phosphors using co-substitution strategy to stabilize divalent ions. <i>Journal of Luminescence</i> , 2020 , 225, 117400	3.8	2
14	Photoluminescence properties of Sr ₂ MgSi ₂ O ₇ :Pb ²⁺ and tunable emission from UVB to UVC based on ion substitution. <i>Journal of Luminescence</i> , 2020 , 225, 117353	3.8	2
13	Luminescence properties and energy transfer of Ce ³⁺ /Dy ³⁺ -co-activated LaAl ₂ O ₃ B ₄ O ₁₀ .54 phosphors for wLEDs. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 13201-13208	2.1	2
12	Intense Green-Emission and Energy Transfer in Phosphor LiGd(PO ₃) ₄ : Ce ³⁺ , Tb ³⁺ . <i>ECS Journal of Solid State Science and Technology</i> , 2012 , 1, R153-R157	2	2
11	Photoluminescence properties of LaB ₃ O ₆ : Dy ³⁺ phosphors for white light-emitting diodes. <i>Optik</i> , 2020 , 216, 164877	2.5	2
10	Angular control of acoustic waves oblique incidence by phononic crystals based on Dirac cones at the Brillouin zone boundary. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018 , 382, 423-427	2.3	2
9	Bi ³⁺ and Eu ³⁺ co-doped LaB ₃ O ₆ phosphors for optical temperature sensing based on fluorescence intensity ratio. <i>Optik</i> , 2021 , 243, 167459	2.5	2
8	Fluorescence intensity ratio optical thermometer YNbO ₄ : Pr ³⁺ , Tb ³⁺ based on intervalence charge transfer. <i>Powder Technology</i> , 2022 , 395, 83-92	5.2	2
7	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
6	Acoustic band gaps in three-dimensional CsCl-type periodic liquid composites. <i>Solid State Communications</i> , 2008 , 148, 267-270	1.6	1
5	The structure and luminescence properties of blue-green-emitting Sr ₂ YNbO ₆ : Bi ³⁺ phosphors. <i>Journal of Luminescence</i> , 2021 , 239, 118336	3.8	1
4	Pressure-Induced High-Energy-Density BeN ₄ Materials with Nitrogen Chains: First-Principles Study. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 25376-25382	3.8	0
3	Phase Transition and Behaviors of N-N Bonds in Group-IVB Transition-Metal Pernitrides: First-Principles Calculations under High Pressures. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 11555-11566	3.8	0

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| 2 | KCaLa(PO ₄) ₂ : Ce ³⁺ , Dy ³⁺ Phosphors for White Light-Emitting Diodes with Abnormal Thermal Quenching and High Quantum Efficiency. <i>Journal of Electronic Materials</i> , 2021 , 50, 6283-6290 | 1.9 | ○ |
| 1 | K replaces Rb towards cyan to red ultra-wideband perovskite-type phosphors for full-spectrum lighting. <i>Optical Materials</i> , 2022 , 127, 112246 | 3.3 | ○ |