Yuexiao Pan

List of Publications by Year
in descending order

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		279701	214721
52	2,209	23	47
papers	citations	h-index	g-index

52	52	52	1427
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A red phosphor of Ba3In2F12:Mn4+ with enhanced moisture stability for warm WLED application. Journal of Luminescence, 2022, 242, 118564.	1.5	18
2	Optimization of the luminescence efficiency and moisture stability of a red phosphor KRb3Ge2F12:Mn4+ for indoor plant growth LED applications. Ceramics International, 2022, 48, 4208-4215.	2.3	11
3	4â€Bromoâ€Butyric Acidâ€Assisted In Situ Passivation Strategy for Superstable Allâ€Inorganic Halide Perovskite CsPbX₃ Quantum Dots in Polar Media. Angewandte Chemie - International Edition, 2022, 61, .	7.2	33
4	4â€Bromoâ€Butyric Acidâ€Assisted In Situ Passivation Strategy for Superstable Allâ€Inorganic Halide Perovskite CsPbX₃ Quantum Dots in Polar Media. Angewandte Chemie, 2022, 134, .	1.6	4
5	Large Spectral Shift of Mn²⁺ Emission Due to the Shrinkage of the Crystalline Host Lattice of the Hexagonal CsCdCl₃ Crystals and Phase Transition. Inorganic Chemistry, 2022, 61, 8356-8365.	1.9	15
6	Acetate-triggered morphology evolution and improved photoluminescence performance of K2NaInF6:Mn4+ crystals for wide applications. Journal of Luminescence, 2022, 249, 119011.	1.5	2
7	Bright tunable luminescence of Sb³⁺ doping in zero-dimensional lead-free halide Cs₃ZnCl₅ perovskite crystals. Dalton Transactions, 2022, 51, 10029-10035.	1.6	9
8	Improved Moisture-Resistant and Luminescence Properties of a Red Phosphor Based on Dodec-fluoride K₃RbGe₂F₁₂:Mn⁴⁺ through Surface Modification. Inorganic Chemistry, 2021, 60, 231-238.	1.9	22
9	Significantly enhanced the humidity resistance of a novel red phosphor CsNaGe0.5Sn0.5F6:Mn4+ through surface modification. Chemical Engineering Journal, 2021, 420, 127673.	6.6	12
10	A review on the structural dependent optical properties and energy transfer of Mn⁴⁺ and multiple ion-codoped complex oxide phosphors. RSC Advances, 2021, 11, 760-779.	1.7	18
11	Te⁴⁺-doped zero-dimensional Cs₂ZnCl₄ single crystals for broadband yellow light emission. Journal of Materials Chemistry C, 2021, 10, 204-209.	2.7	17
12	White-light-emitting flexible display devices based on double network hydrogels crosslinked by YAG:Ce phosphors. Journal of Materials Chemistry C, 2020, 8, 247-252.	2.7	32
13	Comparative investigation on solvent-related morphology and luminescence properties of a novel red phosphor NaRbSnF6:Mn4+ for WLEDs application. Journal of Luminescence, 2020, 228, 117577.	1.5	4
14	In situ organic solvent-free synthesis of a novel red emitting Mn⁴⁺ doped KRbGeF₆ phosphor at the room temperature. Dalton Transactions, 2020, 49, 13226-13232.	1.6	3
15	Improved luminescence properties of a novel red dodec-fluoride phosphor Ba₃Sc₂F₁₂:Mn⁴⁺ with extraordinary thermal stability for WLED application. Journal of Materials Chemistry C, 2020, 8, 6299-6305.	2.7	29
16	Optimized photoluminescence properties of a novel red phosphor LiSrAlF6:Mn4+ synthesized at room-temperature. Journal of Alloys and Compounds, 2019, 774, 331-337.	2.8	21
17	Cation Conformational Changes of 1-Butyl-3-methylimidazolium Halides at High Pressures. Journal of Physical Chemistry C, 2018, 122, 9320-9331.	1.5	2
18	A novel red phosphor of seven-coordinated Mn⁴⁺ ion-doped tridecafluorodizirconate Na₅Zr₂F₁₃ for warm WLEDs. Dalton Transactions, 2018, 47, 5614-5621.	1.6	33

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19	Designed synthesis, morphology evolution and enhanced photoluminescence of a highly efficient red dodec-fluoride phosphor, Li₃Na₃Ga₂F₁₂:Mn⁴⁺, for warm WLEDs. Journal of Materials Chemistry C, 2018, 6, 491-499.	2.7	109
20	Synthesis and improved photoluminescence of hexagonal crystals of Li₂ZrF₆:Mn⁴⁺ for warm WLED application. Dalton Transactions, 2018, 47, 16516-16523.	1.6	11
21	A novel red phosphor of Mn⁴⁺ion-doped oxyfluoroniobate BaNbOF₅for warm WLED applications. CrystEngComm, 2018, 20, 5641-5646.	1.3	39
22	Formation mechanism and optimized luminescence of Mn⁴⁺â€doped unequal dualâ€alkaline hexafluorosilicate Li_{0.5}Na_{1.5}SiF₆. Journal of the American Ceramic Society, 2018, 101, 4983-4993.	1.9	14
23	Synthesis and improved photoluminescence of a novel red phosphor LiSrGaF₆:Mn⁴⁺for applications in warm WLEDs. Dalton Transactions, 2018, 47, 12944-12950.	1.6	20
24	Optimized photoluminescence of red phosphor Na₂SnF₆:Mn⁴⁺ as red phosphor in the application in â€œwarmâ€•white <scp>LED</scp>s. Journal of the American Ceramic Society, 2017, 100, 2005-2015.	1.9	45
25	Tunable luminescence and energy transfer properties of Bi³⁺ and Mn⁴⁺ co-doped Ca₁₄Al₁₀Zn₆O₃₅ phosphors for agricultural applications. RSC Advances, 2017, 7, 14868-14875.	1.7	90
26	Pressure-induced structural transitions of a room temperature ionic liquidâ€"1-ethyl-3-methylimidazolium chloride. Journal of Chemical Physics, 2017, 146, .	1.2	16
27	Design, preparation, and optimized luminescence of a dodec-fluoride phosphor Li₃Na₃Al₂F₁₂:Mn⁴⁺for warm WLED applications. Journal of Materials Chemistry C, 2017, 5, 10241-10250.	2.7	84
28	Abnormal site occupancy and high performance in warm WLEDs of a novel red phosphor, NaHF₂:Mn⁴⁺, synthesized at room temperature. Dalton Transactions, 2017, 46, 13835-13844.	1.6	38
29	Room-temperature synthesis and optimized photoluminescence of a novel red phosphor NaKSnF₆:Mn⁴⁺for application in warm WLEDs. Journal of Materials Chemistry C, 2017, 5, 9255-9263.	2.7	79
30	Dual-emissions with energy transfer from the phosphor Ca14Al10Zn6O35:Bi3+,Eu3+ for application in agricultural lighting. Journal of Alloys and Compounds, 2017, 724, 735-743.	2.8	41
31	Tailored photoluminescence properties of a red phosphor BaSnF 6 :Mn 4+ synthesized from Sn metal at room temperature and its formation mechanism. Materials Research Bulletin, 2017, 86, 57-62.	2.7	26
32	Improved Luminescence of Red Phosphor CaAl₁₂O₁₉:Mn⁴⁺ by Modification of Synthesis Process. Science of Advanced Materials, 2017, 9, 480-484.	0.1	4
33	A Facile Route to BaSiF₆:Mn⁴⁺ Phosphor with Intense Red Emission and Its Humidity Stability. Journal of the American Ceramic Society, 2016, 99, 3008-3014.	1.9	34
34	A novel tunable green-to-red emitting phosphor Ca4LaO(BO3)3:Tb,Eu via energy transfer with high quantum yield. Ceramics International, 2016, 42, 13476-13484.	2.3	22
35	Enhanced photoluminescence and phosphorescence properties of green phosphor Zn₂GeO₄:Mn²⁺via composition modification with GeO₂ and MgF₂. Dalton Transactions, 2016, 45, 9506-9512.	1.6	15
36	Mn⁴⁺doped (NH₄)₂TiF₆and (NH₄)₂SiF₆micro-crystal phosphors: synthesis through ion exchange at room temperature and their photoluminescence properties. RSC Advances, 2016, 6, 76251-76258.	1.7	47

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37	Tunable Yellow-Red Photoluminescence and Persistent Afterglow in Phosphors Ca₄LaO(BO₃)₃:Eu³⁺ and Ca₄EuO(BO₃)₃. Inorganic Chemistry, 2016, 55, 11249-11257.	1.9	40
38	Optimized photoluminescence of red phosphor K₂TiF₆:Mn⁴⁺synthesized at room temperature and its formation mechanism. Journal of Materials Chemistry C, 2015, 3, 1935-1941.	2.7	107
39	Mesoporous Red Nanophosphor CaTiO3:Pr3+ Fabricated by Sol-Gel. Integrated Ferroelectrics, 2015, 163, 8-14.	0.3	2
40	Luminescence properties and thermal stability of a red phosphor ZnSiF6Â·6H2O:Mn4+ synthesized by the one-step hydrothermal method. Journal of Luminescence, 2014, 152, 214-217.	1.5	19
41	A red phosphor BaTiF₆:Mn⁴⁺: reaction mechanism, microstructures, optical properties, and applications for white LEDs. Dalton Transactions, 2014, 43, 9414-9418.	1.6	100
42	Hydrothermal synthesis and photoluminescence properties of red phosphor BaSiF6:Mn4+ for LED applications. Journal of Materials Chemistry C, 2014, 2, 2301.	2.7	156
43	The formation mechanism, improved photoluminescence and LED applications of red phosphor K₂SiF₆:Mn⁴⁺. Journal of Materials Chemistry C, 2014, 2, 3879-3884.	2.7	142
44	Upconversion Luminescence of Tb3+ and Yb3+ Co-doped Hexagonal and Monoclinic GdPO4 Nanophosphors. Integrated Ferroelectrics, 2013, 146, 115-121.	0.3	4
45	A novel green-to-yellow emitting phosphor: BaSi2SN2.67:Eu2+ for potential application in UV-LEDs. Optical Materials, 2013, 35, 1273-1275.	1.7	7
46	Color tunable phosphor CaMoO4:Eu3+,Li+ via energy transfer of MoO42â˜'â€“Eu3+ dependent on morphology and doping concentration. Materials Research Bulletin, 2013, 48, 1034-1039.	2.7	19
47	Reduction of Mn4+ to Mn2+ in CaAl12O19 by co-doping charge compensators to obtain tunable photoluminescence. RSC Advances, 2013, 3, 4510.	1.7	34
48	Tailored Structure and Luminescent Properties of Sm3+ Doped Zirconia. Integrated Ferroelectrics, 2013, 147, 131-138.	0.3	1
49	Spontaneous Growth of Dendrite CaTiO₃:Pr³⁺Frameworks Assembled by Nanoslices Under Mild Sol-Hydrothermal Condition. Integrated Ferroelectrics, 2012, 137, 46-51.	0.3	0
50	Tailored photoluminescence of YAG:Ce phosphor through various methods. Journal of Physics and Chemistry of Solids, 2004, 65, 845-850.	1.9	320
51	Comparative investigation on synthesis and photoluminescence of YAG:Ce phosphor. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 106, 251-256.	1.7	239
52	Evaporation-induced nano- to micro-sized transformation of photoluminescent Cs₄PbBr₆ crystals. Journal of Materials Chemistry C, 0, , .	2.7	0