

Li Xiaohui

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Luminescence properties and energy transfer of $\text{YGa}_{1.5}\text{Al}_{1.5}(\text{BO})_3\text{O}_4$: Tb^{3+} , Eu^{3+} as a multi-colour emitting phosphor for WLEDs. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6294-6299.	5.5	71
2	Efficient energy transfer and luminescence properties of $\text{Ca}_3\text{Y}(\text{GaO})_3(\text{BO})_3\text{O}_4$: Tb^{3+} , Eu^{3+} as a green-to-red colour tunable phosphor under near-UV excitation. <i>Dalton Transactions</i> , 2017, 46, 1885-1891.	3.3	64
3	Eu^{3+} -Activated $\text{Sr}_3\text{ZnTa}_2\text{O}_9$ single-component white light phosphors: emission intensity enhancement and color rendering improvement. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2596-2603.	5.5	63
4	Nitrogen-, Oxygen- and Sulfur-Doped Carbon-Encapsulated Ni_3S_2 and NiS Core-Shell Architectures: Bifunctional Electrocatalysts for Hydrogen Evolution and Oxygen Reduction Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15582-15590.	6.7	52
5	Luminescence and Cationic-Size-Driven Site Selection of Eu^{3+} and Ce^{3+} Ions in $\text{Ca}_8\text{Mg}(\text{SiO})_4\text{Cl}_2$. <i>Inorganic Chemistry</i> , 2018, 57, 14872-14881.	4.0	28
6	Bright Green Emitting CaYAlO_4 : Tb^{3+} , Ce^{3+} Phosphor: Energy Transfer and 3D Printing Artwork. <i>Advanced Optical Materials</i> , 2020, 8, 2000523.	7.3	26
7	Efficient Luminescence Enhancement of Mg_2TiO_4 : Mn^{4+} Red Phosphor by Incorporating Plasmonic Ag@SiO_2 Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21004-21009.	8.0	25
8	Rare earth elements based oxide ion conductors. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1374-1398.	6.0	24
9	Ultrathin [110]-Confined $\text{Li}_4\text{Ti}_5\text{O}_{12}$ Nanoflakes for High Rate Lithium Storage. <i>Advanced Energy Materials</i> , 2021, 11, 2003270.	19.5	22
10	High-Dielectric-Permittivity Layered Nitride CaTi_2 . <i>Chemistry of Materials</i> , 2017, 29, 1989-1993.	6.7	18
11	Structural modulation induced intensity enhancement of full color spectra: a case of $\text{Ba}_3\text{ZnTa}_2\text{Nb}_x\text{O}_9$: Eu^{3+} phosphors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6715-6723.	5.5	15
12	Phase control of ultrafine FeSe nanocrystals in a N-doped carbon matrix for highly efficient and stable oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 3464-3471.	10.3	13
13	Synthesis, Structure, and Electrical Property of $\text{Ce}_{1-x}\text{Sr}_{1+x}\text{Ga}_3\text{O}_7$. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-6.	1.8	11
14	Hollow nanocubes constructed from oriented anatase TiO_2 nanoarrays: topotactic conversion and fast lithium-ion storage. <i>CrystEngComm</i> , 2017, 19, 2456-2463.	2.6	11
15	Broad-band emission of $\text{A}_3\text{B}_2\text{O}_9$ complex perovskites (A = Ba, Sr; Tj ETQq1 1.0.784). <i>Chemistry C</i> , 2018, 6, 12566-12574.	5.5	11
16	Borates as a new direction in the design of oxide ion conductors. <i>Science China Materials</i> , 2022, 65, 2737-2745.	6.3	8
17	Lithium-Ion Batteries: Ultrathin [110]-Confined $\text{Li}_4\text{Ti}_5\text{O}_{12}$ Nanoflakes for High Rate Lithium Storage (Adv. Energy Mater. 22/2021). <i>Advanced Energy Materials</i> , 2021, 11, 2170084.	19.5	1