Xin Lai

List of Publications by Year
in descending order

17	249	1040056 9	940533 16
papers	citations	h-index	g-index

17	17	17	363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation and electrochemical performances of ZnMoO4-ZnFe2O4 composite electrode materials. Ionics, 2022, 28, 1285-1294.	2.4	4
2	ZIF-8 derived ZnWO4 nanocrystals: Calcination temperature induced evolution of composition and microstructures, and their electrochemical performances as anode for lithium-ion batteries. Electrochimica Acta, 2021, 367, 137435.	5.2	12
3	Controllable synthesis of Tb-based metalâ€“organic frameworks as an efficient fluorescent sensor for Cu2+ detection. Rare Metals, 2021, 40, 505-512.	7.1	28
4	Bi³⁺-Doped BaYF₅:Yb,Er Upconversion Nanoparticles with Enhanced Luminescence and Application Case for X-ray Computed Tomography Imaging. Inorganic Chemistry, 2020, 59, 17906-17915.	4.0	33
5	A novel red phosphor of BaGe_(1â^'x)Ti_xF₆:Mn⁴⁺ solid solution: facile hydrothermal controlled synthesis, microstructures and luminescent properties. Journal of Materials Chemistry C, 2019, 7, 11265-11275.	5.5	22
6	Co_{0.8}Zn_{0.2}MoO₄/C Nanosheet Composite: Rational Construction via a One-Stone-Three-Birds Strategy and Superior Lithium Storage Performances for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 42139-42148.	8.0	24
7	Solâ€“Gel Driving LiFe(MoO4)2 Microcrystals: High Capacity and Superior Cycling Stability for Anode Material in Lithium Ion Batteries. Electronic Materials Letters, 2019, 15, 186-191.	2.2	6
8	Temperature-induced phase transition, luminescence and magnetic properties of Eu2(MoO4)3 microcrystal red phosphors. Journal of Materials Science: Materials in Electronics, 2019, 30, 7347-7358.	2.2	8
9	Sintering Temperature Induced Evolution of Microstructures and Enhanced Electrochemical Performances: Sol-Gel Derived LiFe(MoO4)2 Microcrystals as a Promising Anode Material for Lithium-Ion Batteries. Frontiers in Chemistry, 2018, 6, 492.	3.6	5
10	Na_(1-x)Li_x(Gd_{0.39}Y_{0.39}Yb_{0.2}Er_{0.02})F<sub>(0 â‰¤ x â‰¤ 1) Solid Solution Microcrystals: Li/Na Ratio-Induced Transition of Crystalline Phase and Morphology and Their Enhanced Upconversion Emission. Crystal Growth and Design, 2018, 18, 6581-6590.	3.0	16
11	Energy Transfer and Multicolor Tunable Luminescence Properties of NaGd0.5Tb0.5â^'xEux(MoO4)2 Phosphors for UV-LED. Journal of Electronic Materials, 2018, 47, 6494-6506.	2.2	25
12	La2â^'xEuxMo2O9 (0â€‰â‰€â€‰xâ€‰â‰€â€‰0.6) solid solution microcrystals: facile hydrothermal derived synthesis, microstructures and luminescence properties. Journal of Materials Science: Materials in Electronics, 2018, 29, 12932-12943.	2.2	3
13	Fabrication, microstructures, luminescent and magnetic properties of LiFe(WO4)2 microcrystals. Journal of Materials Science: Materials in Electronics, 2017, 28, 5584-5591.	2.2	3
14	Multicolor Tunable Luminescence Based on Tb3+/Eu3+ Doping through a Facile Hydrothermal Route. ACS Applied Materials & Interfaces, 2017, 9, 26184-26190.	8.0	40
15	Controlled Synthesis of CaWO₄ Microcrystalline via Surfactant-Assisted Precipitation Method. Integrated Ferroelectrics, 2013, 142, 7-15.	0.7	12
16	Hydrothermal Synthesis of Ca(1-3x/2)Tb x WO4 Microcrystallines and Their Luminescent Properties. Integrated Ferroelectrics, 2012, 140, 177-186.	0.7	6
17	Analysis of galvanic cell deposition process in preparation of BaMoO4 films. Journal of Materials Science, 2009, 44, 2027-2030.	3.7	2