

Xin Lai

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

249
citations

1040056

9
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicolor Tunable Luminescence Based on Tb ³⁺ /Eu ³⁺ Doping through a Facile Hydrothermal Route. ACS Applied Materials & Interfaces, 2017, 9, 26184-26190.	8.0	40
2	Bi ³⁺ -Doped BaYF ₅ :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
3	Controllable synthesis of Tb-based metal-organic frameworks as an efficient fluorescent sensor for Cu ²⁺ detection. Rare Metals, 2021, 40, 505-512.	7.1	28
4	Energy Transfer and Multicolor Tunable Luminescence Properties of NaGd _{0.5} Tb _{0.5} xEu(MoO ₄) ₂ Phosphors for UV-LED. Journal of Electronic Materials, 2018, 47, 6494-6506.	2.2	25
5	Co _{0.8} Zn _{0.2} MoO ₄ /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
6	A novel red phosphor of BaGe(1-x)Ti _x F ₆ :Mn ⁴⁺ solid solution: facile hydrothermal controlled synthesis, microstructures and luminescent properties. Journal of Materials Chemistry C, 2019, 7, 11265-11275.	5.5	22
7	Na(1-x)Li _x (Gd _{0.39} Y _{0.39} Yb _{0.2} Er _{0.02})F ₆ (0 ≤ x ≤ 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
8	Controlled Synthesis of CaWO ₄ Microcrystalline via Surfactant-Assisted Precipitation Method. Integrated Ferroelectrics, 2013, 142, 7-15.	0.7	12
9	ZIF-8 derived ZnWO ₄ 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
10	Temperature-induced phase transition, luminescence and magnetic properties of Eu ₂ (MoO ₄) ₃ microcrystal red phosphors. Journal of Materials Science: Materials in Electronics, 2019, 30, 7347-7358.	2.2	8
11	Hydrothermal Synthesis of Ca(1-3x/2)Tb _x WO ₄ Microcrystallines and Their Luminescent Properties. Integrated Ferroelectrics, 2012, 140, 177-186.	0.7	6
12	Sol-Gel Driving LiFe(MoO ₄) 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
13	Sintering Temperature Induced Evolution of Microstructures and Enhanced Electrochemical Performances: Sol-Gel Derived LiFe(MoO ₄) ₂ Microcrystals as a Promising Anode Material for Lithium-Ion Batteries. Frontiers in Chemistry, 2018, 6, 492.	3.6	5
14	Preparation and electrochemical performances of ZnMoO ₄ -ZnFe ₂ O ₄ composite electrode materials. Ionics, 2022, 28, 1285-1294.	2.4	4
15	Fabrication, microstructures, luminescent and magnetic properties of LiFe(WO ₄) ₂ microcrystals. Journal of Materials Science: Materials in Electronics, 2017, 28, 5584-5591.	2.2	3
16	La ₂ xEuMo ₂ O ₉ (0 ≤ x ≤ 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
17	Analysis of galvanic cell deposition process in preparation of BaMoO ₄ films. Journal of Materials Science, 2009, 44, 2027-2030.	3.7	2