

Aokui Sun

List of Publications by Year in descending order

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13
papers

175
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1163117

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docs citations

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98
citing authors

#	ARTICLE	IF	CITATIONS
1	The sintering behavior of ultra-fine Mo-Cu composite powders and the sintering properties of the composite compacts. <i>International Journal of Refractory Metals and Hard Materials</i> , 2014, 42, 240-245.	3.8	29
2	Recent Advance and Modification Strategies of Transition Metal Dichalcogenides (TMDs) in Aqueous Zinc Ion Batteries. <i>Materials</i> , 2022, 15, 2654.	2.9	25
3	Fabrication of Mo-Cu composite powders by heterogeneous precipitation and the sintering properties of the composite compacts. <i>Journal of Alloys and Compounds</i> , 2016, 674, 347-352.	5.5	24
4	Theoretical study on the sensing mechanism of an ON1-OFF-ON2 type fluoride fluorescent chemosensor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 237, 118397.	3.9	18
5	An Excited State Intramolecular Proton Transfer-Based Fluorescent Probe with a Large Stokes Shift for the Turn-on Detection of Cysteine: A Detailed Theoretical Exploration. <i>ACS Omega</i> , 2020, 5, 19695-19701.	3.5	16
6	Neoteric hollow tubular MnS/Co ₃ S ₄ hybrids as high-performance electrode materials for supercapacitors. <i>Electrochimica Acta</i> , 2021, 390, 138893.	5.2	15
7	Microwave-assisted synthesis of Mo-Cu nano-powders at an ultra-low temperature and their sintering properties. <i>Materials Chemistry and Physics</i> , 2014, 148, 494-498.	4.0	14
8	Substituent effect on ESIPT and hydrogen bond mechanism of N-(8-Quinoly) salicylaldimine: A detailed theoretical exploration. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 245, 118937.	3.9	11
9	Sintering Behavior and Properties of Mo-Cu Composites. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-7.	1.8	6
10	Sensing mechanism of fluorogenic urea with fluoride in solvent media: A new fluorescence quenching mechanism. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 118992.	3.9	6
11	Design of Fluorescent Hybrid Materials Based on POSS for Sensing Applications. <i>Molecules</i> , 2022, 27, 3137.	3.8	5
12	In situ growth of petal-like MoS ₂ -MoO ₂ heterostructure on carbon cloth for superior Zn-ion storage. <i>Ceramics International</i> , 2022, 48, 30582-30588.	4.8	5
13	A Theoretical Study of the Sensing Mechanism of a Schiff-Based Sensor for Fluoride. <i>Sensors</i> , 2022, 22, 3958.	3.8	1