

Bin Xu

List of Publications by Year in descending order

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11
papers

193
citations

1478505

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1281871

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11
docs citations

11
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile Synthesis of Copper(I) Oxide Nanochains and the Photo-Thermal Conversion Performance of Its Nanofluids. <i>Coatings</i> , 2021, 11, 749.	2.6	66
2	Synthesis and light-heat conversion performance of hybrid particles decorated MWCNTs/paraffin phase change materials. <i>Thermochimica Acta</i> , 2017, 652, 77-84.	2.7	42
3	Synthesis and characterization of microencapsulated paraffin with TiO ₂ shell as thermal energy storage materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 15241-15248.	2.2	20
4	Synthesis of novel microencapsulated phase change material with SnO ₂ /CNTs shell for solar energy storage and photo-thermal conversion. <i>Materials Research Express</i> , 2020, 7, 015513.	1.6	17
5	One-step synthesis of CuS-decorated MWCNTs/paraffin composite phase change materials and their light-heat conversion performance. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 133, 1417-1428.	3.6	15
6	Preparation of Colored Microcapsule Phase Change Materials with Colored SiO ₂ Shell for Thermal Energy Storage and Their Application in Latex Paint Coating. <i>Materials</i> , 2021, 14, 4012.	2.9	13
7	Preparation of Mo ₂ C nanoparticles dispersion-strengthened copper-based composite by EB-PVD. <i>Rare Metals</i> , 2014, 33, 568-572.	7.1	5
8	Preparation of SiO ₂ /polymer co-coated colored aluminum pigments with excellent corrosion resistance and UV protection and their application in fabrics. <i>Composite Interfaces</i> , 2021, 28, 129-144.	2.3	5
9	Effect of the Concentration of SrAl ₂ O ₄ : Eu ²⁺ and Dy ³⁺ (SAO) on Characteristics and Properties of Environment-Friendly Long-Persistent Luminescence Composites from Polylactic Acid and SAO. <i>Scanning</i> , 2021, 2021, 1-9.	1.5	5
10	In situ Friction-Induced Copper Nanoparticles at the Sliding Interface Between Steel Tribo-Pairs and their Tribological Properties. <i>Tribology Letters</i> , 2020, 68, 1.	2.6	3
11	Facile synthesis and shape evolution of oleic acid decorated Cu ₂ O microcrystals. <i>Applied Surface Science</i> , 2015, 355, 153-159.	6.1	2