

Jiaoqun Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

393
citations

933447

10
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

512
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of ZnO/Ti ₂ C composites by electrostatic self-assembly for the photocatalytic degradation of methylene blue. <i>Journal of Materials Science</i> , 2022, 57, 3954-3970.	3.7	9
2	Thermal Properties and the Prospects of Thermal Energy Storage of Mg-25%Cu-15%Zn Eutectic Alloy as Phase Change Material. <i>Materials</i> , 2021, 14, 3296.	2.9	3
3	Fabrication, Structure, and Thermal Properties of Mg-Cu Alloys as High Temperature PCM for Thermal Energy Storage. <i>Materials</i> , 2021, 14, 4246.	2.9	1
4	High industrial solid waste road base course binder: Performance regulation, hydration characteristics and practical application. <i>Journal of Cleaner Production</i> , 2021, 313, 127879.	9.3	15
5	Enhancement of thermophysical coefficients in nanofluids: A simulation study. <i>International Journal of Modern Physics B</i> , 2020, 34, 2050222.	2.0	6
6	Effect of Modified Vermiculite on the Interface of a Capric Acid-expanded Vermiculite Composite Phase Change Material with Phase Transition Kinetics. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2019, 34, 345-352.	1.0	2
7	Effect of Dy ₂ O ₃ on thermal properties of adipic acid (AA) as phase-change materials. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 2999-3005.	3.6	6
8	Effect of Modified Polyvinyl Alcohol Fibers on the Mechanical Behavior of Engineered Cementitious Composites. <i>Materials</i> , 2019, 12, 37.	2.9	22
9	Synthesis and thermal properties of a capric acid-modified expanded vermiculite phase change material. <i>Journal of Materials Science</i> , 2019, 54, 2231-2240.	3.7	24
10	<i>In situ</i> synthesis, mechanical and cyclic oxidation properties of Ti ₃ AlC ₂ /Al ₂ O ₃ composites. <i>Advances in Applied Ceramics</i> , 2018, 117, 340-346.	1.1	10
11	Low-temperature synthesis of high-purity Ti ₂ AlC powder by microwave sintering. <i>Micro and Nano Letters</i> , 2018, 13, 798-800.	1.3	2
12	Preparation and properties of capric-stearic acid/White Carbon Black composite for thermal storage in building envelope. <i>Energy and Buildings</i> , 2018, 158, 1781-1789.	6.7	33
13	Thermal properties of sodium nitrate-expanded vermiculite form-stable composite phase change materials. <i>Materials and Design</i> , 2016, 104, 190-196.	7.0	50
14	Numerical simulation on heat transfer enhancement of phase change thermal storage devices for low-middle temperature. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2016, 31, 799-804.	1.0	2
15	Fabrication of Al ₂ O ₃ -NaCl composite heat storage materials by one-step synthesis method. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2016, 31, 950-954.	1.0	17
16	Effect of phosphorus and fluorine on hydration process of tricalcium silicate and tricalcium aluminate. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2012, 27, 333-336.	1.0	16
17	Thermal and electrical conductivity enhancement of graphite nanoplatelets on form-stable polyethylene glycol/polymethyl methacrylate composite phase change materials. <i>Energy</i> , 2012, 39, 294-302.	8.8	115
18	Fabrication and thermal properties of a new heat storage concrete material. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2010, 25, 628-630.	1.0	27

#	ARTICLE	IF	CITATIONS
19	Effect of tin on the reaction synthesis of ternary carbide Ti_3AlC_2 . Journal Wuhan University of Technology, Materials Science Edition, 2009, 24, 283-286.	1.0	4
20	Synthesis of Ti_3SiC_2/TiB_2 composite by in-situ hot pressing (HP) method. Journal Wuhan University of Technology, Materials Science Edition, 2008, 23, 863-865.	1.0	9
21	Fabrication of Ti_2AlC by spark plasma sintering from elemental powders and thermodynamics analysis of Ti-Al-C system. Journal Wuhan University of Technology, Materials Science Edition, 2007, 22, 325-328.	1.0	20