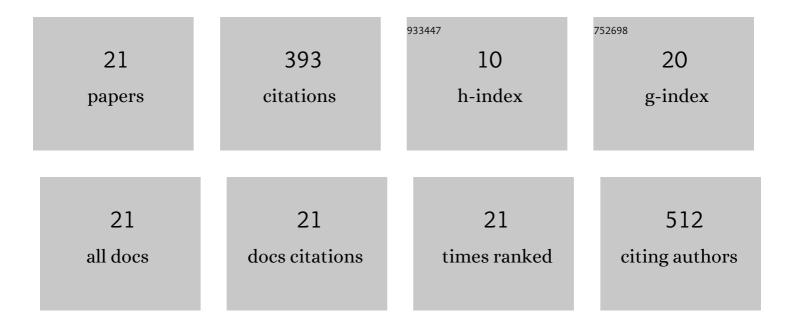
Jiaoqun Zhu

List of Publications by Year in descending order

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Імооны 7нн

#	Article	IF	CITATIONS
1	Thermal and electrical conductivity enhancement of graphite nanoplatelets on form-stable polyethylene glycol/polymethyl methacrylate composite phase change materials. Energy, 2012, 39, 294-302.	8.8	115
2	Thermal properties of sodium nitrate-expanded vermiculite form-stable composite phase change materials. Materials and Design, 2016, 104, 190-196.	7.0	50
3	Preparation and properties of capric-stearic acid/White Carbon Black composite for thermal storage in building envelope. Energy and Buildings, 2018, 158, 1781-1789.	6.7	33
4	Fabrication and thermal properties of a new heat storage concrete material. Journal Wuhan University of Technology, Materials Science Edition, 2010, 25, 628-630.	1.0	27
5	Synthesis and thermal properties of a capric acid-modified expanded vermiculite phase change material. Journal of Materials Science, 2019, 54, 2231-2240.	3.7	24
6	Effect of Modified Polyvinyl Alcohol Fibers on the Mechanical Behavior of Engineered Cementitious Composites. Materials, 2019, 12, 37.	2.9	22
7	Fabrication of Ti2AlC 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
8	Fabrication of Al2O3-NaCl composite heat storage materials by one-step synthesis method. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 950-954.	1.0	17
9	Effect of phosphorus and fluorine on hydration process of tricalcium silicate and tricalcium aluminate. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 333-336.	1.0	16
10	High industrial solid waste road base course binder: Performance regulation, hydration characteristics and practical application. Journal of Cleaner Production, 2021, 313, 127879.	9.3	15
11	<i>In situ</i> synthesis, mechanical and cyclic oxidation properties of Ti ₃ AlC ₂ /Al ₂ O ₃ composites. Advances in Applied Ceramics, 2018, 117, 340-346.	1.1	10
12	Synthesis of Ti3SiC2/TiB2 composite by in-situ hot pressing (HP) method. Journal Wuhan University of Technology, Materials Science Edition, 2008, 23, 863-865.	1.0	9
13	Synthesis of ZnO/Ti2C composites by electrostatic self-assembly for the photocatalytic degradation of methylene blue. Journal of Materials Science, 2022, 57, 3954-3970.	3.7	9
14	Effect of Dy2O3 on thermal properties of adipic acid (AA) as phase-change materials. Journal of Thermal Analysis and Calorimetry, 2019, 138, 2999-3005.	3.6	6
15	Enhancement of thermophysical coefficients in nanofluids: A simulation study. International Journal of Modern Physics B, 2020, 34, 2050222.	2.0	6
16	Effect of tin on the reaction synthesis of ternary carbide Ti3AlC2. Journal Wuhan University of Technology, Materials Science Edition, 2009, 24, 283-286.	1.0	4
17	Thermal Properties and the Prospects of Thermal Energy Storage of Mg–25%Cu–15%Zn Eutectic Alloy as Phase Change Material. Materials, 2021, 14, 3296.	2.9	3
18	Numerical simulation on heat transfer enhancement of phase change thermal storage devices for low-middle temperature. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 799-804.	1.0	2

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#	Article	IF	CITATIONS
19	Lowâ€temperature synthesis of highâ€purity Ti ₂ AlC powder by microwave sintering. Micro and Nano Letters, 2018, 13, 798-800.	1.3	2
20	Effect of Modified Vermiculite on the Interface of a Capric Acid-expanded Vermiculite Composite Phase Change Material with Phase Transition Kinetics. Journal Wuhan University of Technology, Materials Science Edition, 2019, 34, 345-352.	1.0	2
21	Fabrication, Structure, and Thermal Properties of Mg–Cu Alloys as High Temperature PCM for Thermal Energy Storage. Materials, 2021, 14, 4246.	2.9	1