

Yuanyuan Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of MOF derived hierarchical Co ₃ O ₄ /expanded graphite on thermal performance of stearic acid phase change material. <i>Solar Energy</i> , 2018, 171, 142-149.	2.9	72
2	Effect of expanded graphite and carbon nanotubes on the thermal performance of stearic acid phase change materials. <i>Journal of Materials Science</i> , 2017, 52, 12370-12379.	1.7	44
3	Self-assembly fabrication of GO/TiO ₂ @paraffin microcapsules for enhancement of thermal energy storage. <i>Powder Technology</i> , 2021, 385, 546-556.	2.1	42
4	Self-assembly of three-dimensional 1-octadecanol/graphene thermal storage materials. <i>Solar Energy</i> , 2019, 179, 128-134.	2.9	39
5	Enhancement of ceramic foam modified hierarchical Al ₂ O ₃ @expanded graphite on thermal properties of 1-octadecanol phase change materials. <i>Journal of Energy Storage</i> , 2019, 26, 101025.	3.9	38
6	Effect of in-situ synthesized nano-MgO on thermal properties of NaNO ₃ -KNO ₃ . <i>Solar Energy</i> , 2018, 160, 208-215.	2.9	34
7	Preparation, microstructure and thermal properties of MgBi alloys as phase change materials for thermal energy storage. <i>Applied Thermal Engineering</i> , 2016, 92, 187-193.	3.0	33
8	Efficient synthesis of regular spherical GO/SiO ₂ @Solar Salt microcapsules to enhance heat-storage capacity and cycle stability. <i>Energy Conversion and Management</i> , 2021, 245, 114637.	4.4	31
9	Effect of nano-SiC on thermal properties of expanded graphite/1-octadecanol composite materials for thermal energy storage. <i>Powder Technology</i> , 2020, 367, 32-39.	2.1	27
10	Influence of heat treatment on solidus temperature of NaNO ₃ -KNO ₃ molten salt. <i>Solar Energy</i> , 2015, 118, 303-312.	2.9	21
11	Effect of sol-gel combustion synthesis of nanoparticles on thermal properties of KNO ₃ -NaNO ₃ . <i>Solar Energy Materials and Solar Cells</i> , 2018, 188, 190-201.	3.0	17
12	Microstructure and thermal characteristics of Mg-Sn alloys as phase change materials for thermal energy storage. <i>RSC Advances</i> , 2016, 6, 96327-96333.	1.7	14
13	Study on the microstructures and thermal properties of SiO ₂ @NaNO ₃ microcapsule thermal storage materials. <i>International Journal of Energy Research</i> , 2020, 44, 10008-10022.	2.2	14
14	Microstructure and phase transition kinetics of Mg-Ni-Zn alloy phase change thermal storage materials. <i>Journal of Alloys and Compounds</i> , 2020, 829, 154574.	2.8	11
15	N-doped porous carbon chain with 3D interconnected network structure to modify expanded graphite for efficient thermal energy storage materials. <i>Journal of Energy Storage</i> , 2022, 47, 103634.	3.9	8
16	Preparation and photocatalytic performance of CuO/GO heterojunction nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 27564-27575.	1.1	7
17	Microstructures and Thermal Properties of Sn-Bi-Zn-Ga Alloys as Heat Transfer and Heat Storage Materials. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2019, 34, 676-683.	0.4	6
18	The Effect of In Situ Synthesis of MgO Nanoparticles on the Thermal Properties of Ternary Nitrate. <i>Materials</i> , 2021, 14, 5737.	1.3	6

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19	In-situ calcination of NiO nanowalls@carbon foam with hybrid 2D/3D framework to reinforce 1-octadecanol phase change materials. <i>Journal of Energy Storage</i> , 2022, 50, 104611.	3.9	4
20	Crystalline TiO ₂ shell microcapsules modified by Co ₃ O ₄ /GO nanocomposites for thermal energy storage and photocatalysis. <i>Materials Today Sustainability</i> , 2022, 19, 100197.	1.9	4
21	Preparation and Properties of l-octadecanol/1,3:2,4-di-(3,4-dimethyl) Benzylidene Sorbitol/Expanded Graphite Form-stable Composite Phase Change Material. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2019, 34, 728-735.	0.4	3
22	Preparation and thermal property of unusual morphology NaNO ₃ modified by solution combustion for thermal energy storage. <i>Journal of Energy Storage</i> , 2020, 29, 101366.	3.9	3
23	Effect of Yttrium on antioxidant process of $\langle \text{Mg-Ni-Zn} \rangle$ phase change thermal storage alloys. <i>International Journal of Energy Research</i> , 2021, 45, 3929-3937.	2.2	3
24	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.	1.3	3
25	Preparation and properties of in-situ synthesized nanoparticles in NaNO ₃ -KNO ₃ . <i>AIP Conference Proceedings</i> , 2019, . .	0.3	2
26	Preparation a three-dimensional hierarchical graphene/stearic acid as a phase change materials for thermal energy storage. <i>Materials Research Express</i> , 2020, 7, 095506.	0.8	2
27	Preparation and properties of SiC/SiO _x heterojunction fiber reinforced porous SiC composite materials. <i>Micron</i> , 2022, 158, 103267.	1.1	2
28	Fabrication, Structure, and Thermal Properties of Mg-Cu Alloys as High Temperature PCM for Thermal Energy Storage. <i>Materials</i> , 2021, 14, 4246.	1.3	1
29	Investigation on the micromorphology and thermophysical properties of NaNO ₃ heat storage materials modified by solution combustion. <i>Micron</i> , 2021, 148, 103103.	1.1	1