

Melamine foam/reduced graphene oxide supported form
simultaneous shape memory property and light-to-ther

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Novel light-driven and electro-driven polyethylene glycol/two-dimensional MXene form-stable phase change material with enhanced thermal conductivity and electrical conductivity for thermal energy storage. <i>Composites Part B: Engineering</i> , 2019, 177, 107372.	5.9	157
2	Composite phase change material based on reduced graphene oxide/expanded graphite aerogel with improved thermal properties and shape stability. <i>International Journal of Energy Research</i> , 2020, 44, 242-256.	2.2	35
3	Enhanced thermal conductivity of polyurethane/wood powder composite phase change materials via incorporating low loading of graphene oxide nanosheets for solar thermal energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2020, 208, 110391.	3.0	53
4	Facile preparation of flexible eicosane/SWCNTs phase change films via colloid aggregation for thermal energy storage. <i>Applied Energy</i> , 2020, 260, 114320.	5.1	32
5	Highly thermally conductive phase change composites for thermal energy storage featuring shape memory. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 129, 105706.	3.8	47
6	An Efficient Environmentally Friendly Composite Material Based on Carbonized Biological Cellulose/Paraffin: Thermal and Sustainable Properties Analysis. <i>ChemistrySelect</i> , 2020, 5, 12051-12056.	0.7	5
7	Form-stable phase change material embedded in three-dimensional reduced graphene aerogel with large latent heat for thermal energy management. <i>Applied Surface Science</i> , 2020, 534, 147612.	3.1	42
8	Optimization strategies of composite phase change materials for thermal energy storage, transfer, conversion and utilization. <i>Energy and Environmental Science</i> , 2020, 13, 4498-4535.	15.6	181
9	Form-stable and light-to-thermal conversion properties of comb-like polymer composite phase change materials for thermal management application. <i>Solar Energy Materials and Solar Cells</i> , 2020, 217, 110704.	3.0	23
10	Waterproof Phase Change Material with a Facilely Incorporated Cellulose Nanocrystal/Poly(<i>N</i> -isopropylacrylamide) Network for All-Weather Outdoor Thermal Energy Storage. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 53365-53375.	4.0	11
11	MXene-wrapped bio-based pomelo peel foam/polyethylene glycol composite phase change material with enhanced light-to-thermal conversion efficiency, thermal energy storage capability and thermal conductivity. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 138, 106067.	3.8	94
12	Fibrous form-stable phase change materials with high thermal conductivity fabricated by interfacial polyelectrolyte complex spinning. <i>Carbohydrate Polymers</i> , 2020, 249, 116836.	5.1	30
13	Multifunctional paraffin wax/carbon nanotube sponge composites with simultaneous high-efficient thermal management and electromagnetic interference shielding efficiencies for electronic devices. <i>Composites Part B: Engineering</i> , 2020, 199, 108308.	5.9	65
14	Ultra-efficient photo-triggerable healing and shape-memory nanocomposite materials doped with copper sulfide nanoparticles. <i>Composites Science and Technology</i> , 2020, 199, 108371.	3.8	20
15	Experimental investigation of the flame retardant and form-stable composite phase change materials for a power battery thermal management system. <i>Journal of Power Sources</i> , 2020, 480, 229116.	4.0	88
16	Superlyophilic Shape Memory Porous Sponge for Smart Liquid Permeation. <i>ACS Nano</i> , 2020, 14, 14047-14056.	7.3	19
17	Form-Stable Erythritol/HDPE Composite Phase Change Material with Flexibility, Tailorability, and High Transition Enthalpy. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4464-4471.	2.0	28
18	Bioinspired roll-to-roll solar-thermal energy harvesting within form-stable flexible composite phase change materials. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20970-20978.	5.2	62

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38	Hierarchical porous hollow carbon spheres derived from spirofluorene- and aniline-linked conjugated microporous polymer for phase change energy storage. <i>Carbon</i> , 2021, 176, 178-187.	5.4	45
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56	Effect of dopamine-modified expanded vermiculite on phase change behavior and heat storage characteristic of polyethylene glycol. <i>Chemical Engineering Journal</i> , 2021, 415, 128992.	6.6	34
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141	Preparation and Characterization of Phase Change Polyester Fiber. <i>Integrated Ferroelectrics</i> , 2022, 228, 238-248.	0.3	4
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