

Biomass porous carbon/polyethylene glycol shape-stable
multi-source driven thermal energy conversion and storage

Advanced Composites and Hybrid Materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Flexible thermoregulatory microcapsule/polyurethane-MXene composite films with multiple thermal management functionalities and excellent EMI shielding performance. <i>Journal of Materials Science and Technology</i> , 2023, 165, 27-38.	10.7	51
2	Engineering asymmetric multifunctional phase change composites for improved electromagnetic interference shielding and wireless personal thermal therapy. <i>Journal of Materials Chemistry A</i> , 2023, 11, 16138-16152.	10.3	9
3	Dual-encapsulated phase change composites with hierarchical MXene-graphene monoliths in graphene foam for high-efficiency thermal management and electromagnetic interference shielding. <i>Composites Part B: Engineering</i> , 2023, 266, 110998.	12.0	6
4	Polyethylene Glycol Confined in SiO ₂ Modified Expanded Graphite as Novel Form Stable Phase Change Materials for Thermal Energy Storage. <i>ACS Omega</i> , 2023, 8, 38160-38169.	3.5	0
5	Fe ₃ O ₄ /carbon-decorated graphene boosts photothermal conversion and storage of phase change materials. <i>Journal of Colloid and Interface Science</i> , 2024, 657, 590-597.	9.4	1
6	Form-stable phase change composites with multistage pores based on black phosphorus nanosheets/PVA aerogel for efficient solar photothermal conversion. <i>Materials Today Sustainability</i> , 2024, 25, 100611.	4.1	1
7	Ternary Metals in Phase Change Polymers for Efficient Thermal Management of Electronics. <i>Macromolecular Chemistry and Physics</i> , 2024, 225, .	2.2	0
8	Using Carbonized Cotton Fabric Waste to Prepare Poly(ethylene glycol) Composite Phase Change Materials with Improved Thermal Conductivity and Solar-to-Thermal Conversion. <i>ACS Omega</i> , 2024, 9, 2559-2567.	3.5	0
9	Carbonized loofah sponge fragments enhanced phase change thermal energy storage: Preparation and thermophysical property analysis. <i>Applied Thermal Engineering</i> , 2024, 242, 122505.	6.0	0
10	Insights into Selective Glucose Photoreforming for Coproduction of Hydrogen and Organic Acid over Biochar-Based Heterojunction Photocatalyst Cadmium Sulfide/Titania/Biochar. <i>ACS Sustainable Chemistry and Engineering</i> , 2024, 12, 2538-2549.	6.7	2
11	The effect of impregnation ratio and surface modification on the characteristics and performance of activated carbon derived from <i>Ficus carica</i> leaves for Cr(VI) removal. <i>Biomass Conversion and Biorefinery</i> , 0, , .	4.6	0