Fangfang He

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9392279/publications.pdf

Version: 2024-02-01

19	839	471509	794594
papers	citations	17	19
		h-index	g-index

19	19	19	729
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Core@doubleâ€shell structured multifunctional phase change microcapsules based on modified graphene oxide Pickering emulsion. International Journal of Energy Research, 2021, 45, 3257-3268.	4.5	19
2	One-step synthesis of nitrogen-defective graphitic carbon nitride for improving photocatalytic hydrogen evolution. Journal of Hazardous Materials, 2021, 410, 124594.	12.4	27
3	Phaseâ€change composites silicone rubber/paraffin@ <scp> SiO ₂ </scp> microcapsules with different core/shell ratio for thermal management. International Journal of Energy Research, 2021, 45, 18033-18047.	4.5	20
4	Phase-Change Composites Composed of Silicone Rubber and Pa@SiO₂@PDA Double-Shelled Microcapsules with Low Leakage Rate and Improved Mechanical Strength. ACS Applied Materials & Interfaces, 2021, 13, 39394-39403.	8.0	44
5	Nanodiamond-Modified Microencapsulated Phase-Change Materials with Superhydrophobicity and High Light-to-Thermal Conversion Efficiency. Industrial & Engineering Chemistry Research, 2020, 59, 21736-21744.	3.7	12
6	Graphene-carbon nanotube hybrid aerogel/polyethylene glycol phase change composite for thermal management. Fullerenes Nanotubes and Carbon Nanostructures, 2020, 28, 656-662.	2.1	26
7	Novel Shape-Stabilized Phase Change Materials Based on Paraffin/EPDM@Graphene with High Thermal Conductivity and Low Leakage Rate. Energy & Fuels, 2020, 34, 5024-5031.	5.1	28
8	Defects Engineering Leads to Enhanced Photocatalytic H₂ Evolution on Graphitic Carbon Nitrideâ€“Covalent Organic Framework Nanosheet Composite. Small, 2020, 16, e2001100.	10.0	72
9	Bifunctional Paraffin@CaCO₃:Ce³⁺ Phase Change Microcapsules for Thermal Energy Storage and Photoluminescence. ACS Sustainable Chemistry and Engineering, 2019, 7, 18854-18862.	6.7	42
10	Microencapsulated phase change materials based on graphene Pickering emulsion for light-to-thermal energy conversion and management. Solar Energy Materials and Solar Cells, 2019, 203, 110204.	6.2	65
11	Paraffin@graphene/silicon rubber form-stable phase change materials for thermal energy storage. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 626-631.	2.1	21
12	Graphene oxide Pickering phase change material emulsions with high thermal conductivity and photo-thermal performance for thermal energy management. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 575, 42-49.	4.7	52
13	Paraffin-based shape-stable phase change materials with graphene/carbon nanotube three-dimensional network structure. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 492-497.	2.1	23
14	Electrostatic interaction-based self-assembly of paraffin@graphene microcapsules with remarkable thermal conductivity for thermal energy storage. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 120-127.	2.1	25
15	Silicone rubber/paraffin@silicon dioxide form-stable phase change materials with thermal energy storage and enhanced mechanical property. Solar Energy Materials and Solar Cells, 2019, 196, 16-24.	6.2	79
16	Modified Phase Change Microcapsules with Calcium Carbonate and Graphene Oxide Shells for Enhanced Energy Storage and Leakage Prevention. ACS Sustainable Chemistry and Engineering, 2018, 6, 5182-5191.	6.7	120
17	Novel segregated-structure phase change materials composed of paraffin@graphene microencapsules with high latent heat and thermal conductivity. Journal of Materials Science, 2018, 53, 2566-2575.	3.7	64
18	Microencapsulated Paraffin Phase-Change Material with Calcium Carbonate Shell for Thermal Energy Storage and Solar-Thermal Conversion. Langmuir, 2018, 34, 14254-14264.	3.5	73

#	Article	IF	Citations
19	Tailoring gas permeation and dielectric properties of bromobutyl rubber â€“ Graphene oxide nanocomposites by inducing an ordered nanofiller microstructure. Composites Part B: Engineering, 2017, 116, 361-368.	12.0	27