

Thermal conductivity and latent heat thermal energy storage capacity of paraffin/expanded graphite composite as phase change material

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Paperâ€“paraffin composites prepared by interfacial polymerisation reaction on paper surface and its function of thermal energy storage. <i>Journal of Materials Science</i> , 2008, 43, 1486-1491.	1.7	17
2	Phase change materials for smart textiles â€“ An overview. <i>Applied Thermal Engineering</i> , 2008, 28, 1536-1550.	3.0	922
3	Preparation, thermal properties and thermal reliability of capric acid/expanded perlite composite for thermal energy storage. <i>Materials Chemistry and Physics</i> , 2008, 109, 459-464.	2.0	204
4	Preparation and characterization of low-temperature expandable graphite. <i>Materials Research Bulletin</i> , 2008, 43, 2677-2686.	2.7	43
5	Thermal properties of heat storage composites containing multiwalled carbon nanotubes. <i>Journal of Applied Physics</i> , 2008, 104, .	1.1	59
6	Effect of outdoor air parameters on energy consumption with heat-pipe used in air-handling unit. <i>International Journal of Energy Technology and Policy</i> , 2008, 6, 446.	0.1	0
7	Impregnation of porous material with phase change material for thermal energy storage. <i>Materials Chemistry and Physics</i> , 2009, 115, 846-850.	2.0	255
8	Synthesis, characterization, thermal properties of a series of stearic acid esters as novel solidâ€“liquid phase change materials. <i>Materials Letters</i> , 2009, 63, 1213-1216.	1.3	110
9	Preparation, thermal properties and thermal reliability of palmitic acid/expanded graphite composite as form-stable PCM for thermal energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2009, 93, 571-576.	3.0	378
10	Enhanced thermal conductivity and thermal performance of form-stable composite phase change materials by using $\text{I}^2$ -Aluminum nitride. <i>Applied Energy</i> , 2009, 86, 1196-1200.	5.1	250
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13	Cellulose-based solidâ€“solid phase change materials synthesized in ionic liquid. <i>Solar Energy Materials and Solar Cells</i> , 2009, 93, 1321-1328.	3.0	89
14	Micro-encapsulated paraffin/high-density polyethylene/wood flour composite as form-stable phase change material for thermal energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2009, 93, 1761-1767.	3.0	129
15	Synergistic effect of iron and intumescent flame retardant on shape-stabilized phase change material. <i>Thermochimica Acta</i> , 2009, 487, 74-79.	1.2	72
16	Thermal properties of paraffin based composites containing multi-walled carbon nanotubes. <i>Thermochimica Acta</i> , 2009, 488, 39-42.	1.2	292
17	Thermal stability, latent heat and flame retardant properties of the thermal energy storage phase change materials based on paraffin/high density polyethylene composites. <i>Renewable Energy</i> , 2009, 34, 2117-2123.	4.3	161
18	Performance enhancement in latent heat thermal storage system: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2009, 13, 2225-2244.	8.2	570

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19	Performance of phase change material boards under natural convection. <i>Building and Environment</i> , 2009, 44, 1788-1793.	3.0	91
20	Preparation and thermal properties of polyethylene glycol/expanded graphite blends for energy storage. <i>Applied Energy</i> , 2009, 86, 1479-1483.	5.1	266
21	Thermal Characteristics of Paraffin/Expanded Perlite Composite for Latent Heat Thermal Energy Storage. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2009, 31, 814-823.	1.2	70
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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