

CITATION REPORT

List of articles citing

Development of form-stable composite phase change material by incorporation of dodecyl alcohol into ground granulated blast furnace slag

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#	Paper	IF	Citations
51	Utilization of waste glass powder for latent heat storage application in buildings. <i>Energy and Buildings</i> , 2013 , 66, 405-414	7	25
50	Preparation, characterization and thermal properties of Lauryl alcohol/Kaolin as novel form-stable composite phase change material for thermal energy storage in buildings. <i>Applied Thermal Engineering</i> , 2013 , 59, 336-347	5.8	105
49	Latent heat energy storage characteristics of building composites of bentonite clay and pumice sand with different organic PCMs. <i>International Journal of Energy Research</i> , 2014 , 38, 1478-1491	4.5	51
48	Phase change materials integrated in building walls: A state of the art review. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 31, 870-906	16.2	389
47	Composites of polyethylene glycol (PEG600) with gypsum and natural clay as new kinds of building PCMs for low temperature-thermal energy storage. <i>Energy and Buildings</i> , 2014 , 69, 184-192	7	71
46	Experimental assessment of position of macro encapsulated phase change material in concrete walls on indoor temperatures and humidity levels. <i>Energy and Buildings</i> , 2014 , 71, 80-87	7	99
45	Thermal performance evaluation of Bio-based shape stabilized PCM with boron nitride for energy saving. <i>International Journal of Heat and Mass Transfer</i> , 2014 , 71, 245-250	4.9	54
44	Preparation and characterization of PVC-based form-stable phase change materials. <i>Solar Energy Materials and Solar Cells</i> , 2014 , 130, 435-441	6.4	30
43	Preparation, thermal properties and applications of shape-stabilized thermal energy storage materials. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 40, 237-259	16.2	88
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41	Effects of sodium hydroxide and sodium silicate solutions on compressive and shear bond strengths of FA/BFS geopolymer. <i>Construction and Building Materials</i> , 2015 , 91, 1-8	6.7	215
40	Developments in organic solid-liquid phase change materials and their applications in thermal energy storage. <i>Energy Conversion and Management</i> , 2015 , 95, 193-228	10.6	456
39	Development of Composite PCMs by Incorporation of Paraffin into Various Building Materials. <i>Materials</i> , 2015 , 8, 499-518	3.5	55
38	Properties evaluation and applications of thermal energy storage materials in buildings. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 48, 500-522	16.2	43
37	Development of structural-functional integrated concrete with macro-encapsulated PCM for thermal energy storage. <i>Applied Energy</i> , 2015 , 150, 245-257	10.7	81
36	Diatomite: A promising natural candidate as carrier material for low, middle and high temperature phase change material. <i>Energy Conversion and Management</i> , 2015 , 98, 34-45	10.6	113
35	Microencapsulation of phase change materials (PCMs) for thermal energy storage systems. 2015 , 247-284		11

34	Preparation and properties of a form-stable phase-change hydrogel for thermal energy storage. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	16
33	Development and optimisation of phase change material-impregnated lightweight aggregates for geopolymer composites made from aluminosilicate rich mud and milled glass powder. <i>Construction and Building Materials</i> , 2016 , 110, 201-210	6.7	56
32	Influence of intumescent flame retardant on thermal and flame retardancy of eutectic mixed paraffin/polypropylene form-stable phase change materials. <i>Applied Energy</i> , 2016 , 162, 428-434	10.7	70
31	Thermal energy storage in building integrated thermal systems: A review. Part 2. Integration as passive system. <i>Renewable Energy</i> , 2016 , 85, 1334-1356	8.1	155
30	Preparation and properties of fatty acid eutectics/expanded perlite and expanded vermiculite shape-stabilized materials for thermal energy storage in buildings. <i>Energy and Buildings</i> , 2017 , 139, 197-204	7.0	64
29	Investigation of thermal properties of blast furnace slag to improve process energy efficiency. <i>Journal of Cleaner Production</i> , 2017 , 149, 137-145	10.3	18
28	Preparation and Characterization of Graphene Oxide-Grafted Hexadecanol Composite Phase-Change Material for Thermal Energy Storage. <i>Energy Technology</i> , 2017 , 5, 2005-2014	3.5	13
27	Development of a High Strength Geopolymer by Novel Solar Curing. <i>Ceramics International</i> , 2017 , 43, 11233-11243	5.1	38
26	Crystallization behavior of blast furnace slag modified by adding iron ore tailing. <i>Journal of Iron and Steel Research International</i> , 2017 , 24, 601-607	1.2	4
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24	Thermal Properties of Cement-Based Composites for Geothermal Energy Applications. <i>Materials</i> , 2017 , 10,	3.5	12
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20	Seasonal heat storage in calcium sulfoaluminate based hardened cement pastes Experiences with different prototypes. <i>Journal of Energy Storage</i> , 2019 , 25, 100850	7.8	7
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17	Preparation and Thermal Properties of 1-Hexadecanol-Palmitic Acid Eutectic Mixture/Activated Carbon Composite Phase Change Material for Thermal Energy Storage. <i>ChemistrySelect</i> , 2019 , 4, 222-227	1.8	11

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15	Performance evaluation of alkali-activated mortars containing industrial wastes as surface repair materials. <i>Journal of Building Engineering</i> , 2020 , 30, 101234	5.2	14
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11	Microencapsulation of phase change materials for thermal energy storage systems. 2021 , 269-329		3
10	More than Color: Pigments with Thermal Storage Capacity; Processing and Degradation Behavior. <i>Advances in Materials Physics and Chemistry</i> , 2015 , 05, 171-184	0.5	1
9	Thermophysical properties of Nano-enhanced phase change materials for domestic heating applications. <i>Journal of Energy Storage</i> , 2022 , 46, 103794	7.8	3
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5	A review on the fabrication methods for structurally stabilised composite phase change materials and their impacts on the properties of materials. <i>Renewable and Sustainable Energy Reviews</i> , 2022 , 159, 112134	16.2	2
4	Synthesis and characterization of form-stable carbonate/steel slag composite materials for thermal energy storage. <i>Journal of Energy Storage</i> , 2022 , 52, 104708	7.8	1
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