

# Preparation, characterization and thermal properties of form-stable composite phase change material

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Phase change materials integrated in building walls: A state of the art review. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 31, 870-906.	8.2	525
2	Lauricâ€palmiticâ€stearic acid/expanded perlite composite as form-stable phase change material: Preparation and thermal properties. <i>Energy and Buildings</i> , 2014, 82, 505-511.	3.1	123
3	Diatomite/Palm Wax Composite as a Phase Change Material for Latent Heat Storage. <i>Advanced Materials Research</i> , 2015, 1126, 33-38.	0.3	1
4	Influence of Ultrafine 2CaO-SiO <sub>2</sub> Powder on Hydration Properties of Reactive Powder Concrete. <i>Materials</i> , 2015, 8, 6195-6207.	1.3	14
5	Preparation and thermal characterization of a composite of Paraffin/Red Brick as a novel form-stable of phase change material for thermal energy storage. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 13771-13776.	3.8	23
6	Preparation and properties of shape-stabilized phase change materials based on fatty acid eutectics and cellulose composites for thermal energy storage. <i>Energy</i> , 2015, 80, 98-103.	4.5	79
7	Synthesis and thermal properties of fatty acid eutectics and diatomite composites as shape-stabilized phase change materials with enhanced thermal conductivity. <i>Solar Energy Materials and Solar Cells</i> , 2015, 141, 218-224.	3.0	138
8	Properties evaluation and applications of thermal energy storage materials in buildings. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 48, 500-522.	8.2	50
9	Development of structural-functional integrated concrete with macro-encapsulated PCM for thermal energy storage. <i>Applied Energy</i> , 2015, 150, 245-257.	5.1	127
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14	Preparation of fine powdered composite for latent heat storage. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0
15	Preparation and properties of a form-stable phase-change hydrogel for thermal energy storage. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	24
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17	Development and thermal performance of pumice/organic PCM/gypsum composite plasters for thermal energy storage in buildings. <i>Solar Energy Materials and Solar Cells</i> , 2016, 149, 19-28.	3.0	154
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19	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.	3.2	75
20	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.	5.1	103
21	Thermal energy storage in building integrated thermal systems: A review. Part 2. Integration as passive system. <i>Renewable Energy</i> , 2016, 85, 1334-1356.	4.3	208
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35	A review of microencapsulated and composite phase change materials: Alteration of strength and thermal properties of cement-based materials. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 110, 467-484.	8.2	135
36	Development of high performance PCM cement composites for passive solar buildings. <i>Energy and Buildings</i> , 2019, 194, 33-45.	3.1	52

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38	A Taguchi approach for optimizing the mixture design of cold-bonded PCM aggregates. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, , 1-21.	1.2	1
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48	Performance of energy storage system containing cement mortar and PCM/epoxy/SiC composite fine aggregate. <i>Applied Thermal Engineering</i> , 2021, 198, 117445.	3.0	18
49	PREPARATION OF PUZZOLANA ACTIVE TWO COMPONENT COMPOSITE FOR LATENT HEAT STORAGE. <i>Ceramics - Silikaty</i> , 2016, , 291-298.	0.2	5
50	The porous composite BN@SHS made of boron nitride, silica hollow spheres and SiO <sub>2</sub> /B interface. <i>Journal of Porous Materials</i> , 2022, 29, 651-662.	1.3	1
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