

Synthesis and Investigation of Thermal Properties of H Be Used as PCM

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Lipid-derived monoamide as phase change energy storage materials. International Journal of Energy Research, 2019, 43, 6934.	2.2	13
2	Synthesis and Thermophysical Characterization of Fatty Amides for Thermal Energy Storage. Molecules, 2019, 24, 3777.	1.7	11
3	Investigation of Lactones as Innovative Bio-Sourced Phase Change Materials for Latent Heat Storage. Molecules, 2019, 24, 1300.	1.7	11
4	Analysis of Bio-Based Fatty Esters PCMs Thermal Properties and Investigation of Trends in Relation to Chemical Structures. Applied Sciences (Switzerland), 2019, 9, 225.	1.3	22
5	Triglycerides as Novel Phase-Change Materials: A Review and Assessment of Their Thermal Properties. Molecules, 2020, 25, 5572.	1.7	16
6	Techno-Economic Analysis of a Heat Pump Cycle Including a Three-Media Refrigerant/Phase Change Material/Water Heat Exchanger in the Hot Superheated Section for Efficient Domestic Hot Water Generation. Applied Sciences (Switzerland), 2020, 10, 7873.	1.3	8
7	Consistent DSC and TGA Methodology as Basis for the Measurement and Comparison of Thermo-Physical Properties of Phase Change Materials. Materials, 2020, 13, 4486.	1.3	13
8	Assessment of the Thermal Properties of Aromatic Esters as Novel Phase Change Materials. Crystals, 2020, 10, 919.	1.0	9
9	Investigation of the Thermal Properties of Diesters from Methanol, 1-Pentanol, and 1-Decanol as Sustainable Phase Change Materials. Materials, 2020, 13, 810.	1.3	13
10	Bio-based phase-change materials. , 2020, , 203-242.		2
11	Biobased phase change materials for cooling in buildings. , 2021, , 291-302.		0
12	Experimental Feasibility Study of a Direct Contact Latent Heat Storage Using an Ester as a Bio-Based Storage Material. Energies, 2021, 14, 511.	1.6	6
13	Enhancing the insulation capability of a vaccine carrier box: An engineering approach. Journal of Energy Storage, 2021, 36, 102182.	3.9	7
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15	Thermal Energy Storage Materials (TESMs) – What Does It Take to Make Them Fly?. Crystals, 2021, 11, 1276.	1.0	18
16	Organic Phase Change Materials for Thermal Energy Storage: Influence of Molecular Structure on Properties. Molecules, 2021, 26, 6635.	1.7	23
17	Synthesis, Characterization and Biological Evaluation of Novel Benzamidine Derivatives: Newer Antibiotics for Periodontitis Treatment. Antibiotics, 2022, 11, 207.	1.5	7
18	Exploiting aromaticity in fatty terephthalate diesters to enhance melting point and prevent polymorphism. Solar Energy Materials and Solar Cells, 2022, 238, 111650.	3.0	3

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19	Fundamental structure-function relationships in vegetable oil based phase change materials: A critical review. <i>Journal of Energy Storage</i> , 2022, 51, 104355.	3.9	6
20	Encapsulation of biobased fatty acid amides for phase change material applications. <i>Journal of Renewable and Sustainable Energy</i> , 2021, 13, .	0.8	2
21	Testing the encapsulation of phase change materials using supercritical emulsion extraction. <i>Journal of Supercritical Fluids</i> , 2023, 193, 105807.	1.6	2
22	A cross-scale "material-component-system"™ framework for transition towards zero-carbon buildings and districts with low, medium and high-temperature phase change materials. <i>Sustainable Cities and Society</i> , 2023, 89, 104378.	5.1	24
23	Diacid esters of 1-dodecanol as new alternatives to solid-liquid phase change materials for solar heat storage systems. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2023, 45, 608-622.	1.2	1
24	Thermal energy storage materials from triglycerides. , 2023, , 149-169.		0