Hatice Hande Mert

List of Publications by Year
in descending order

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Version: 2024-02-01

25	286	933447 10	996975 15
papers	citations	h-index	g-index

25	25	25	166
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design of n-octadecane-based form-stable composite phase change materials embedded in porous nano alumina for thermal energy storage applications. Journal of Thermal Analysis and Calorimetry, 2022, 147, 4925-4934.	3.6	9
2	Emulsion templated polymer monoliths containing cellulose nanocrystals: Synthesis and adsorption properties. Journal of Applied Polymer Science, 2022, 139, 51802.	2.6	2
3	Cellulose nanocrystals supportedâ€"<scp>PolyHIPE</scp> foams for lowâ€temperature latent heat storage applications. Journal of Applied Polymer Science, 2022, 139, 51785.	2.6	8
4	Preparation of <scp>Pickeringâ€polyHIPEs</scp> from surface modified pumice stabilized high internal phase emulsions as supporting materials for lauric acid impregnation. Journal of Applied Polymer Science, 2022, 139, 51892.	2.6	4
5	Emulsion Templated Hierarchical Macroporous Polymers. Engineering Materials, 2022, , 43-86.	0.6	7
6	Development of composite phase change materials based on n-tetradecane and Î²-myrcene based foams for cold thermal energy storage applications. Thermochimica Acta, 2022, 707, 179116.	2.7	22
7	Form-stable n-hexadecane/zinc borate composite phase change material for thermal energy storage applications in buildings. Sustainable Energy Technologies and Assessments, 2022, 50, 101836.	2.7	5
8	Preparation and characterization of shape-stable bio-based composite phase change materials for thermal energy storage: coconut oil / activated carbon from cherry stones doped composites. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 5381-5397.	2.3	5
9	Shape-stabilized n-heptadecane/polymeric foams with modified iron oxide nanoparticles for thermal energy storage. Thermochimica Acta, 2022, 714, 179266.	2.7	7
10	Preparation of polyHIPE nanocomposites: Revealing the influence of experimental parameters with the help of experimental design approach. Polymer Composites, 2021, 42, 724-738.	4.6	21
11	Synthesis and characterization of new bent-core liquid crystal with a ferroelectric-like switching / modified magnetite nanocomposite. Journal of Molecular Structure, 2020, 1222, 128851.	3.6	3
12	<scp>PolyHIPE</scp> composite <scp>basedâ€form</scp> stable phase change material for thermal energy storage. International Journal of Energy Research, 2020, 44, 6583-6594.	4.5	41
13	Synthesis and Characterization of Bentâ€Core Liquid Crystal / Modified Î³â€Al₂O₃ Nanocomposites. ChemistrySelect, 2019, 4, 8983-8988.	1.5	5
14	A statistical approach for tailoring the morphological and mechanical properties of polystyrene PolyHIPEs: looking through experimental design. Materials Research Express, 2019, 6, 115306.	1.6	24
15	Preparation and characterization of encapsulated phase change materials in presence of gamma alumina for thermal energy storage applications. Thermochimica Acta, 2019, 681, 178382.	2.7	20
16	Preparation and characterization of paraffin microcapsules for energyâ€saving applications. Journal of Applied Polymer Science, 2019, 136, 47874.	2.6	19
17	Investigation of thermal energy storage properties of a microencapsulated phase change material using response surface experimental design methodology. Applied Thermal Engineering, 2019, 149, 401-413.	6.0	24
18	Microencapsulated oleicâ€"capric acid/hexadecane mixture as phase change material for thermal energy storage. Journal of Thermal Analysis and Calorimetry, 2019, 136, 1551-1561.	3.6	29

#	Article	IF	Citations
19	Adsorptive polyHIPE composites based on biosorbent immobilized nanoclay: Effects of immobilization techniques. Polymer Engineering and Science, 2018, 58, 1229-1240.	3.1	11
20	Synthesis and characterization of polyHIPE composites containing halloysite nanotubes. E-Polymers, 2016, 16, 419-428.	3.0	14
21	Multiple Regression Analysis of Catalytic Dehydrogenation of Isopropanol in a Chemical Heat Pump System. Chemical Engineering and Technology, 2015, 38, 399-408.	1.5	3
22	IsÄ±l Enerji Depolama UygulamalarÄ± Ä°Ã§in SelÃ¼loz Nanofibril Temelli Parafin Ä°Ã§eren Kompozit Faz DeÄŸiÅŸtiren Maddelerin Ãœretilmesi ve Karakterizasyonu. European Journal of Science and Technology, 0, , .	0.5	1
23	Faz DeÄŸiÅŸtiren Madde Olarak n-Hekzadekan EsaslÄ± MikrokapsÃ¼llerin HazÄ±rlanmasÄ±, Karakterizasyonu ve IsÄ±l PerformansÄ±nÄ±n T-KayÄ±t YÃ¶ntemiyle Belirlenmesi. European Journal of Science and Technology, 0, , 148-161.	0.5	2
24	SelÃ¼loz Nanofibril Ä°Ã§eren EmÃ¼lsiyon Åžablonlu GÃ¶zenekli Polimer Kompozitlerin HazÄ±rlanmasÄ± ve Gizli IsÄ±l Enerji Depolama UygulamalarÄ±. Bilecik Åžeyh Edebali Ãœniversitesi Fen Bilimleri Dergisi, 0, , .	0.6	0
25	Preparation of n-nonadecane based shape-stabilized composite phase change materials containing modified kaolinite clay-doped and determination of their properties. Journal of the Faculty of Engineering and Architecture of Gazi University, 0, , .	0.8	0