

Nihal Sarier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6293279/publications.pdf>

Version: 2024-02-01

23
papers

1,892
citations

516215

16
h-index

676716

22
g-index

23
all docs

23
docs citations

23
times ranked

1935
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic phase change materials and their textile applications: An overview. <i>Thermochimica Acta</i> , 2012, 540, 7-60.	1.2	543
2	The manufacture of microencapsulated phase change materials suitable for the design of thermally enhanced fabrics. <i>Thermochimica Acta</i> , 2007, 452, 149-160.	1.2	274
3	Encapsulation of phase change materials by complex coacervation to improve thermal performances of woven fabrics. <i>Thermochimica Acta</i> , 2008, 467, 63-72.	1.2	220
4	Thermal characteristics of polyurethane foams incorporated with phase change materials. <i>Thermochimica Acta</i> , 2007, 454, 90-98.	1.2	147
5	Comparative study of the characteristics of nano silica - , silica fume - and fly ash - incorporated cement mortars. <i>Materials Research</i> , 2014, 17, 570-582.	0.6	138
6	The modification of Na-montmorillonite by salts of fatty acids: An easy intercalation process. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 371, 40-49.	2.3	96
7	Preparation of phase change materialâ€montmorillonite composites suitable for thermal energy storage. <i>Thermochimica Acta</i> , 2011, 524, 39-46.	1.2	69
8	Silver incorporated microencapsulation of n-hexadecane and n-octadecane appropriate for dynamic thermal management in textiles. <i>Thermochimica Acta</i> , 2015, 613, 17-27.	1.2	63
9	Thermal insulation capability of PEG-containing polyurethane foams. <i>Thermochimica Acta</i> , 2008, 475, 15-21.	1.2	60
10	Organic modification of montmorillonite with low molecular weight polyethylene glycols and its use in polyurethane nanocomposite foams. <i>Thermochimica Acta</i> , 2010, 510, 113-121.	1.2	54
11	Production of PEG grafted PAN copolymers and their electrospun nanowebs as novel thermal energy storage materials. <i>Thermochimica Acta</i> , 2016, 643, 83-93.	1.2	38
12	Î²-Carotene adsorption on acid-activated montmorillonite. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 1988, 65, 776-779.	0.8	33
13	Ultrasound assisted solvent free intercalation of montmorillonite with PEG1000: A new type of organoclay with improved thermal properties. <i>Thermochimica Acta</i> , 2013, 566, 24-35.	1.2	33
14	The mechanism of Î²-Carotene adsorption on activated montmorillonite. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 1989, 66, 917-923.	0.8	29
15	Development of heat storing poly(acrylonitrile) nanofibers by coaxial electrospinning. <i>Thermochimica Acta</i> , 2018, 662, 135-148.	1.2	26
16	Kinetics of the thermal dehydration of acid-activated montmorillonite by the rising temperature technique. <i>Thermochimica Acta</i> , 1990, 159, 29-33.	1.2	24
17	The manufacturing of polyamideâ€ and polypropyleneâ€organoclay nanocomposite filaments and their suitability for textile applications. <i>Thermochimica Acta</i> , 2012, 543, 37-58.	1.2	12
18	Thermal regulation finishes for textiles. , 2015, , 17-98.		11

#	ARTICLE	IF	CITATIONS
19	Fatty acid alkyl ester nanoweb suitable for renewable thermal energy storage. <i>Thermochimica Acta</i> , 2020, 690, 178698.	1.2	7
20	Thermal investigation of acid-activated clay minerals. <i>Thermochimica Acta</i> , 1987, 119, 293-300.	1.2	5
21	Specific features of adsorption of azo dyes on fly ash. <i>Russian Chemical Bulletin</i> , 2007, 56, 566-569.	0.4	5
22	Ethanol sensing with pure and boric acid doped electrospun CuInS ₂ nanofibers in the presence of relative humidity. <i>Materials Science in Semiconductor Processing</i> , 2019, 104, 104651.	1.9	3
23	The manufacture of organic carbonate-poly(methyl ethylacrylate) nanoweb with thermal buffering effect. <i>Thermochimica Acta</i> , 2017, 657, 170-184.	1.2	2