

Ahmet SarÄ°

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5961798/publications.pdf>

Version: 2024-02-01

239
papers

22,646
citations

4658

85
h-index

9589

142
g-index

240
all docs

240
docs citations

240
times ranked

12443
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous removal of polyaromatic hydrocarbons from water using polymer modified carbon. Biomass Conversion and Biorefinery, 2024, 14, 567-576.	4.6	15
2	A Novel Layered Double Hydroxide and Dodecyl Alcohol Assisted PCM Composite with High Latent Heat Storage Capacity and Thermal Conductivity. Journal of Thermal Science, 2024, 33, 537-547.	1.9	1
3	Utilization of Chlorella pyrenoidosa for Remediation of Common Effluent Treatment Plant Wastewater in Coupling with Co-relational Study: An Experimental Approach. Bulletin of Environmental Contamination and Toxicology, 2022, 108, 507-517.	2.7	10
4	A comprehensive review on phase change materials for heat storage applications: Development, characterization, thermal and chemical stability. Solar Energy Materials and Solar Cells, 2022, 234, 111392.	6.2	98
5	Synthesis of carbon modified with polymer of diethylenetriamine and trimesoyl chloride for the dual removal of Hg (II) and methyl mercury ([CH ₃ Hg] ⁺) from wastewater: Theoretical and experimental analyses. Materials Chemistry and Physics, 2022, 277, 125501.	4.0	22
6	Cultivation of two Chlorella species in Open sewage contaminated channel wastewater for biomass and biochemical profiles: Comparative lab-scale approach. Journal of Biotechnology, 2022, 344, 24-31.	3.8	10
7	Thermal conductivity enhancement of silica fume based composite thermal energy storage material using different carbon nanomaterials. Energy and Buildings, 2022, 257, 111789.	6.7	15
8	Comparative exergoeconomic analysis of single, two and three stage spray drying systems. Journal of Thermal Analysis and Calorimetry, 2022, 147, 8947-8968.	3.6	2
9	Effect of simultaneous & consecutive melting/solidification of phase change material on domestic solar water heating system. Renewable Energy, 2022, 188, 329-348.	8.9	10
10	Cement based-thermal energy storage mortar including blast furnace slag/capric acid shape-stabilized phase change material: Physical, mechanical, thermal properties and solar thermoregulation performance. Energy and Buildings, 2022, 258, 111849.	6.7	42
11	Thermal energy storage characteristics of polyacrylic acid/dodecanol/carbon nanofiber composites as thermal conductive <scp>shape&stabilized</scp> composite phase change materials. International Journal of Energy Research, 2022, 46, 20873-20885.	4.5	3
12	Production and characterization of natural clay-free green building brick materials using water treatment sludge and oak wood ash. Archives of Civil and Mechanical Engineering, 2022, 22, 1.	3.8	13
13	Metal Oxide Nanoparticle Dispersed-Polyethylene Glycol: Thermal Conductivity and Thermal Energy Storage Properties. Energy & Fuels, 2022, 36, 2821-2832.	5.1	6
14	Shape stabilized attapulgit/myristic-palmitic acid composite PCM for thermal energy storage implementations in buildings. Materials Today: Proceedings, 2022, 58, 1350-1353.	1.8	5
15	CuO Nanoparticle@Polystyrene Hierarchical Porous Foam for the Effective Encapsulation of Octadecanol as a Phase Changing Thermal Energy Storage Material. Energy & Fuels, 2022, 36, 3293-3303.	5.1	7
16	Utilization of waste apricot kernel shell derived-activated carbon as carrier framework for effective shape-stabilization and thermal conductivity enhancement of organic phase change materials used for thermal energy storage. Powder Technology, 2022, 401, 117291.	4.2	24
17	Investigation of physico-mechanical, thermal properties and solar thermoregulation performance of shape-stable attapulgit based composite phase change material in foam concrete. Solar Energy, 2022, 236, 51-62.	6.1	49
18	Capric-stearic acid mixture impregnated carbonized waste sugar beet pulp as leak-resistive composite phase change material with effective thermal conductivity and thermal energy storage performance. Energy, 2022, 247, 123501.	8.8	44

#	ARTICLE	IF	CITATIONS
19	Bio-Based Phase Change Materials for Wooden Building Applications. <i>Forests</i> , 2022, 13, 603.	2.1	3
20	A critical overview of upstream cultivation and downstream processing of algae-based biofuels: Opportunity, technological barriers and future perspective. <i>Journal of Biotechnology</i> , 2022, 351, 74-98.	3.8	23
21	Factorial design, physical studies and rapid arsenic adsorption using newly prepared polymer modified perlite adsorbent. <i>Chemical Engineering Research and Design</i> , 2022, 183, 181-191.	5.6	31
22	Glass fiber reinforced gypsum composites with microencapsulated PCM as novel building thermal energy storage material. <i>Construction and Building Materials</i> , 2022, 340, 127788.	7.2	45
23	Properties of Scots pine wood impregnated with capric acid for potential energy saving building material. <i>Holzforschung</i> , 2022, 76, 744-753.	1.9	13
24	Activated carbon nanotube/polyacrylic acid/stearyl alcohol nanocomposites as thermal energy storage effective shape-stabilized phase change materials. <i>Surfaces and Interfaces</i> , 2022, 31, 102088.	3.0	1
25	Effective antimony removal from wastewaters using polymer modified sepiolite: Isotherm kinetic and thermodynamic analysis. <i>Chemical Engineering Research and Design</i> , 2022, 184, 215-223.	5.6	30
26	Foam Concrete Produced with Recycled Concrete Powder and Phase Change Materials. <i>Sustainability</i> , 2022, 14, 7458.	3.2	17
27	Properties of eco-friendly foam concrete containing PCM impregnated rice husk ash for thermal management of buildings. <i>Journal of Building Engineering</i> , 2022, 58, 104961.	3.4	8
28	Development, characterization and thermo-regulative performance of microencapsulated phase change material included-glass fiber reinforced foam concrete as novel thermal energy effective-building material. <i>Energy</i> , 2022, 257, 124786.	8.8	22
29	Thermal energy storage properties, thermal conductivity, chemical/and thermal reliability of three different organic phase change materials doped with hexagonal boron nitride. <i>Surfaces and Interfaces</i> , 2022, 32, 102176.	3.0	9
30	Facile synthesis of zinc oxide nanoparticles loaded activated carbon as an eco-friendly adsorbent for ultra-removal of malachite green from water. <i>Environmental Technology and Innovation</i> , 2021, 21, 101305.	6.1	94
31	Silica fume/capric acid-stearic acid PCM included-cementitious composite for thermal controlling of buildings: Thermal energy storage and mechanical properties. <i>Energy</i> , 2021, 219, 119588.	8.8	82
32	Fly Ash/Octadecane Shape-Stabilized Composite PCMs Doped with Carbon-Based Nanoadditives for Thermal Regulation Applications. <i>Energy & Fuels</i> , 2021, 35, 1786-1795.	5.1	24
33	Carbonized waste hazelnut wood-based shape-stable composite phase change materials for thermal management implementations. <i>International Journal of Energy Research</i> , 2021, 45, 10271-10284.	4.5	34
34	Effects of carbon-based fillers on thermal properties of fatty acids and their eutectics as phase change materials used for thermal energy storage: A Review. <i>Journal of Energy Storage</i> , 2021, 35, 102329.	8.1	63
35	Thermal management performance and mechanical properties of a novel cementitious composite containing fly ash/lauric acid-myristic acid as form-stable phase change material. <i>Construction and Building Materials</i> , 2021, 274, 122105.	7.2	73
36	Walnut shell derived bio-carbon/methyl palmitate as novel composite phase change material with enhanced thermal energy storage properties. <i>Journal of Energy Storage</i> , 2021, 35, 102288.	8.1	62

#	ARTICLE	IF	CITATIONS
37	Microencapsulated heptadecane with calcium carbonate as thermal conductivity-enhanced phase change material for thermal energy storage. <i>Journal of Molecular Liquids</i> , 2021, 328, 115508.	4.9	61
38	Experimental investigation of microalgal harvesting with low cost bottom ash: Influence of temperature and pH with zeta potential and thermodynamic function. <i>Environmental Technology and Innovation</i> , 2021, 22, 101376.	6.1	15
39	Evaluation of poly(ethylene diamine-trimesoyl chloride)-modified diatomite as efficient adsorbent for removal of rhodamine B from wastewater samples. <i>Environmental Science and Pollution Research</i> , 2021, 28, 55655-55666.	5.3	25
40	Energetic and exergetic assessment of two- and three-stage spray drying units for milk processing industry. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	1.6	6
41	High internal phase emulsion templated-polystyrene/carbon nano fiber/hexadecanol composites phase change materials for thermal management applications. <i>Journal of Energy Storage</i> , 2021, 39, 102674.	8.1	21
42	Development and characterization of bentonite-gum arabic composite as novel highly-efficient adsorbent to remove thorium ions from aqueous media. <i>Cellulose</i> , 2021, 28, 10321-10333.	4.9	17
43	Phase change material based advance solar thermal energy storage systems for building heating and cooling applications: A prospective research approach. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 47, 101318.	2.7	28
44	Porous biochar/heptadecane composite phase change material with leak-proof, high thermal energy storage capacity and enhanced thermal conductivity. <i>Powder Technology</i> , 2021, 394, 1017-1025.	4.2	39
45	Novel approach for harvesting of microalgal biomass using electric geyser waste material deposit as flocculant in coupling with poultry excreta leachate. <i>Bioresource Technology</i> , 2021, 341, 125646.	9.6	3
46	Eco-friendly building materials containing micronized expanded vermiculite and phase change material for solar based thermo-regulation applications. <i>Construction and Building Materials</i> , 2021, 308, 125062.	7.2	44
47	A novel energy-effective and carbon-emission reducing mortars with bottom ash and phase change material: Physico-mechanical and thermal energy storage characteristics. <i>Journal of Energy Storage</i> , 2021, 44, 103325.	8.1	28
48	Development and characterization of polymer-modified vermiculite composite as novel highly-efficient adsorbent for water treatment. <i>Surfaces and Interfaces</i> , 2021, 27, 101504.	3.0	15
49	Stability and thermal conductivity enhancement of aqueous nanofluid based on surfactant-modified TiO_2 . <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 374-382.	2.4	34
50	Thermal performance of phase change material integrated heat pipe evacuated tube solar collector system: An experimental assessment. <i>Energy Conversion and Management</i> , 2020, 203, 112205.	9.2	96
51	Evaluation of carbonized waste tire for development of novel shape stabilized composite phase change material for thermal energy storage. <i>Waste Management</i> , 2020, 103, 352-360.	7.4	44
52	A cycling study for reliability, chemical stability and thermal durability of polyethylene glycols of molecular weight 2000 and 10000 as organic latent heat thermal energy storage materials. <i>International Journal of Energy Research</i> , 2020, 44, 2183-2195.	4.5	26
53	Thermal energy storage and thermal conductivity properties of fatty acid/fatty acid-grafted-CNTs and fatty acid/CNTs as novel composite phase change materials. <i>Scientific Reports</i> , 2020, 10, 15388.	3.3	37
54	Phase change material impregnated wood for passive thermal management of timber buildings. <i>International Journal of Energy Research</i> , 2020, 44, 10495-10505.	4.5	29

#	ARTICLE	IF	CITATIONS
55	Development and characterization of formâ€stable porous <scp> TiO ₂ </scp> /tetradeanoic acid based <scp> composite PCM</scp> with longâ€term stability as solar thermal energy storage material. International Journal of Energy Research, 2020, 44, 10044-10057.	4.5	28
56	Synthesis, characterization and evaluation of carbon nanofiber modified-polymer for ultra-removal of thorium ions from aquatic media. Chemical Engineering Research and Design, 2020, 163, 76-84.	5.6	48
57	Thermal energy storage properties and labâ€scale thermal performance in cementitious plaster of composite phase change material for energy efficiency of buildings. Environmental Progress and Sustainable Energy, 2020, 39, e13455.	2.3	4
58	Interfacial polymerization of trimesoyl chloride with melamine and palygorskite for efficient uranium ions ultra-removal. Chemical Engineering Research and Design, 2020, 159, 353-361.	5.6	59
59	Effects of Thermal Cycling Operation on Solar Thermal Energy Storage, Morphology, Chemical/Crystalline Structure, and Thermal Degradation Properties of Some Fatty Alcohols as Organic PCMs. Energy & Fuels, 2020, 34, 9011-9019.	5.1	21
60	Evaluation of pumice for development of low-cost and energy-efficient composite phase change materials and lab-scale thermoregulation performances of its cementitious plasters. Energy, 2020, 207, 118242.	8.8	49
61	Thermal energy storage and thermal conductivity properties of Octadecanol-MWCNT composite PCMs as promising organic heat storage materials. Scientific Reports, 2020, 10, 9168.	3.3	29
62	PCM integrated glass in glass tube solar collector for low and medium temperature applications: Thermodynamic & techno-economic approach. Energy, 2020, 198, 117238.	8.8	44
63	Low cost and eco-friendly wood fiber-based composite phase change material: Development, characterization and lab-scale thermoregulation performance for thermal energy storage. Energy, 2020, 195, 116983.	8.8	46
64	Formâ€Stabilized Polyethylene Glycol/Palygorskite Composite Phase Change Material: Thermal Energy Storage Properties, Cycling Stability, and Thermal Durability. Polymer Engineering and Science, 2020, 60, 909-916.	3.1	32
65	Synthesis of silica nanoparticles grafted with copolymer of acrylic acrylamide for ultra-removal of methylene blue from aquatic solutions. European Polymer Journal, 2020, 130, 109698.	5.4	87
66	Thermal energy storage properties of polyethylene glycol grafted styrenic copolymer as novel solidâ€solid phase change materials. International Journal of Energy Research, 2020, 44, 3976-3989.	4.5	27
67	Influential bio-removal of mercury using Lactarius acerrimus macrofungus as novel low-cost biosorbent from aqueous solution: Isotherm modeling, kinetic and thermodynamic investigations. Materials Chemistry and Physics, 2020, 249, 123168.	4.0	15
68	Carbon nanotubes grafted with poly(trimesoyl, m-phenylenediamine) for enhanced removal of phenol. Journal of Environmental Management, 2019, 252, 109660.	7.8	34
69	Preparation and characterization of nanoâ€enhanced myristic acid using metal oxide nanoparticles for thermal energy storage. International Journal of Energy Research, 2019, 43, 8592.	4.5	19
70	Magnetic vermiculite-modified by poly(trimesoyl chloride-melamine) as a sorbent for enhanced removal of bisphenol A. Journal of Environmental Chemical Engineering, 2019, 7, 103436.	6.7	38
71	Experimental performance evaluation of a novel designed phase change material integrated manifold heat pipe evacuated tube solar collector system. Energy Conversion and Management, 2019, 198, 111896.	9.2	68
72	Investigation of thermal properties and enhanced energy storage/release performance of silica fume/myristic acid composite doped with carbon nanotubes. Renewable Energy, 2019, 140, 779-788.	8.9	37

#	ARTICLE	IF	CITATIONS
73	Poly(styrene- <i>co</i> -maleic anhydride)- <i>graft</i> -fatty acids as novel solid-solid PCMs for thermal energy storage. Polymer Engineering and Science, 2019, 59, E337.	3.1	16
74	Preparation, characterization, thermal energy storage properties and temperature control performance of form-stabilized sepiolite based composite phase change materials. Energy and Buildings, 2019, 188-189, 111-119.	6.7	78
75	Thermal energy storage characteristics of myristic acid-palmitic eutectic mixtures encapsulated in PMMA shell. Solar Energy Materials and Solar Cells, 2019, 193, 1-6.	6.2	66
76	Effects of carbon nanotubes additive on thermal conductivity and thermal energy storage properties of a novel composite phase change material. Journal of Composite Materials, 2019, 53, 2967-2980.	2.4	35
77	Polyamide magnetic palygorskite for the simultaneous removal of Hg(II) and methyl mercury; with factorial design analysis. Journal of Environmental Management, 2018, 211, 323-333.	7.8	179
78	Preparation, Characterization and Thermal Energy Storage Properties of Micro/Nano Encapsulated Phase Change Material with Acrylic-Based Polymer. Polymer Science - Series B, 2018, 60, 58-68.	0.8	16
79	Diatomite/CNTs/PEG composite PCMs with shape-stabilized and improved thermal conductivity: Preparation and thermal energy storage properties. Energy and Buildings, 2018, 164, 166-175.	6.7	173
80	Microencapsulated n -alkane eutectics in polystyrene for solar thermal applications. Solar Energy, 2018, 160, 32-42.	6.1	57
81	Silica fume/capric acid-palmitic acid composite phase change material doped with CNTs for thermal energy storage. Solar Energy Materials and Solar Cells, 2018, 179, 353-361.	6.2	113
82	Novel approaches and recent developments on potential applications of phase change materials in solar energy. Renewable and Sustainable Energy Reviews, 2018, 82, 281-323.	16.4	321
83	Preparation, characterization and thermal regulation performance of cement based-composite phase change material. Solar Energy Materials and Solar Cells, 2018, 174, 523-529.	6.2	94
84	Response surface optimization, kinetic and thermodynamic studies for effective removal of rhodamine B by magnetic AC/CeO ₂ nanocomposite. Journal of Environmental Management, 2018, 206, 170-177.	7.8	195
85	Preparation, characterization and evaluation of bio-based magnetic activated carbon for effective adsorption of malachite green from aqueous solution. Materials Chemistry and Physics, 2018, 220, 313-321.	4.0	170
86	Energy Storage by PCM for Building Applications. , 2018, , 995-1023.		1
87	Global advancement on experimental and thermal analysis of evacuated tube collector with and without heat pipe systems and possible applications. Applied Energy, 2018, 228, 351-389.	10.1	113
88	Applications of Thermal Analysis to the Study of Phase-Change Materials. Handbook of Thermal Analysis and Calorimetry, 2018, 6, 519-572.	1.6	11
89	Effective uranium biosorption by macrofungus (<i>Russula sanguinea</i>) from aqueous solution: equilibrium, thermodynamic and kinetic studies. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 1387-1397.	1.5	19
90	Thermodynamics and Kinetics of Biosorption of Vanadium with Macrofungus <i>Hypholoma fasciculare</i> and Determination by GFAAS. Atomic Spectroscopy, 2018, 39, 170-177.	1.2	0

#	ARTICLE	IF	CITATIONS
91	Optimization of parameters with experimental design for the adsorption of mercury using polyethylenimine modified-activated carbon. Journal of Environmental Chemical Engineering, 2017, 5, 1079-1088.	6.7	155
92	Thermal Energy Storage Properties and Laboratory-Scale Thermoregulation Performance of Bentonite/Paraffin Composite Phase Change Material for Energy-Efficient Buildings. Journal of Materials in Civil Engineering, 2017, 29, .	2.9	23
93	Equilibrium, thermodynamic and kinetic investigations for biosorption of uranium with green algae () Tj ETQq1 1 0.784314 rgBT /Over	1.7	101
94	Polystyrene microcapsules with palmitic-capric acid eutectic mixture as building thermal energy storage materials. Energy and Buildings, 2017, 150, 376-382.	6.7	69
95	Magnetic activated carbon loaded with tungsten oxide nanoparticles for aluminum removal from waters. Journal of Environmental Chemical Engineering, 2017, 5, 2853-2860.	6.7	136
96	Application of chitosanâ€modified pumice for antimony adsorption from aqueous solution. Environmental Progress and Sustainable Energy, 2017, 36, 1587-1596.	2.3	17
97	Effective removal of methylene blue from aqueous solutions using magnetic loaded activated carbon as novel adsorbent. Chemical Engineering Research and Design, 2017, 122, 151-163.	5.6	275
98	Thermal energy storage characteristics of poly(styrene-co-maleic anhydride)-graft-PEG as polymeric solidâ€solid phase change materials. Solar Energy Materials and Solar Cells, 2017, 161, 219-225.	6.2	79
99	Thermal characteristics of expanded perlite/paraffin composite phase change material with enhanced thermal conductivity using carbon nanotubes. Energy Conversion and Management, 2017, 134, 373-381.	9.2	451
100	Polyethylenimine modified activated carbon as novel magnetic adsorbent for the removal of uranium from aqueous solution. Chemical Engineering Research and Design, 2017, 117, 218-227.	5.6	262
101	Effective adsorption of antimony(III) from aqueous solutions by polyamide-graphene composite as a novel adsorbent. Chemical Engineering Journal, 2017, 307, 230-238.	12.7	332
102	Chitosan-modified vermiculite for As(III) adsorption from aqueous solution: Equilibrium, thermodynamic and kinetic studies. Journal of Molecular Liquids, 2016, 219, 937-945.	4.9	144
103	Thermal regulating performance of gypsum/(C18â€C24) composite phase change material (CPCM) for building energy storage applications. Applied Thermal Engineering, 2016, 107, 55-62.	6.0	62
104	Spinal epidural cavernous hemangioma: a rare site of involvement. Spine Journal, 2016, 16, e251.	1.3	2
105	Development and thermal performance of pumice/organic PCM/gypsum composite plasters for thermal energy storage in buildings. Solar Energy Materials and Solar Cells, 2016, 149, 19-28.	6.2	154
106	Thermal energy storage characteristics of bentonite-based composite PCMs with enhanced thermal conductivity as novel thermal storage building materials. Energy Conversion and Management, 2016, 117, 132-141.	9.2	156
107	Thermal energy storage characteristics of micro-nanoencapsulated heneicosane and octacosane with poly(methylmethacrylate) shell. Journal of Microencapsulation, 2016, 33, 221-228.	2.8	32
108	Thermal Energy Storage Properties of Xylitol Penta Myristate and Xylitol Penta Laurate as Novel Solid-liquid Phase Change Materials. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2015, 37, 2702-2709.	2.3	6

#	ARTICLE	IF	CITATIONS
109	Synthesis and characterization of micro/nano capsules of PMMA/capricâ€“stearic acid eutectic mixture for low temperature-thermal energy storage in buildings. <i>Energy and Buildings</i> , 2015, 90, 106-113.	6.7	104
110	Adsorption Characteristics of Mercury(II) Ions from Aqueous Solution onto Chitosan-Coated Diatomite. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 7524-7533.	3.7	78
111	Fabrication and thermal characterization of kaolin-based composite phase change materials for latent heat storage in buildings. <i>Energy and Buildings</i> , 2015, 96, 193-200.	6.7	102
112	Micro/nano encapsulated n-tetracosane and n-octadecane eutectic mixture with polystyrene shell for low-temperature latent heat thermal energy storage applications. <i>Solar Energy</i> , 2015, 115, 195-203.	6.1	122
113	Comparison of dose distributions hippocampus in high grade gliomas irradiation with linac-based imrt and volumetric arc therapy: a dosimetric study. <i>SpringerPlus</i> , 2015, 4, 114.	1.2	15
114	A novel technique in the treatment of retroperitoneal lymphatic leakage: direct percutaneous embolization through the leakage pouch. <i>Diagnostic and Interventional Radiology</i> , 2015, 21, 419-422.	1.5	27
115	Micro/nanoencapsulated n-nonadecane with poly(methyl methacrylate) shell for thermal energy storage. <i>Energy Conversion and Management</i> , 2014, 86, 614-621.	9.2	111
116	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	58
117	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.	6.7	92
118	Cd(II) adsorption from aqueous solution by raw and modified kaolinite. <i>Applied Clay Science</i> , 2014, 88-89, 63-72.	5.2	80
119	Preparation, characterization and latent heat thermal energy storage properties of micro-nanoencapsulated fatty acids by polystyrene shell. <i>Applied Thermal Engineering</i> , 2014, 73, 1160-1168.	6.0	102
120	Micro/nano encapsulation of some paraffin eutectic mixtures with poly(methyl methacrylate) shell: Preparation, characterization and latent heat thermal energy storage properties. <i>Applied Energy</i> , 2014, 136, 217-227.	10.1	197
121	Micro/nano-encapsulated n-heptadecane with polystyrene shell for latent heat thermal energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2014, 126, 42-50.	6.2	140
122	Giant cell tumor of the occipital bone: A case report and review of the literature. <i>Oncology Letters</i> , 2014, 8, 151-154.	1.8	9
123	New kinds of energy-storing building composite PCMs for thermal energy storage. <i>Energy Conversion and Management</i> , 2013, 69, 148-156.	9.2	46
124	Adsorption of silver from aqueous solution onto raw vermiculite and manganese oxide-modified vermiculite. <i>Microporous and Mesoporous Materials</i> , 2013, 170, 155-163.	4.4	82
125	Erythritol Tetra Myristate and Erythritol Tetra Laurate as Novel Phase Change Materials for Low Temperature Thermal Energy Storage. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2013, 35, 1285-1295.	2.3	26
126	Development, Characterization, and Latent Heat Thermal Energy Storage Properties of Neopentyl Glycol-Fatty Acid Esters as New Solidâ€“Liquid PCMs. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 18269-18275.	3.7	11

#	ARTICLE	IF	CITATIONS
127	Polyethyl Methacrylate (PEMA)/Fatty Acids Blends as Novel Phase Change Materials for Thermal Energy Storage. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2013, 35, 1813-1819.	2.3	16
128	Thermal energy storage properties of mannitolâ€“fatty acid esters as novel organic solidâ€“liquid phase change materials. <i>Energy Conversion and Management</i> , 2012, 64, 68-78.	9.2	65
129	Equilibrium, Thermodynamic and Kinetic Studies on Biosorption of Mercury from Aqueous Solution by <i>Macrofungus (<i>Lycoperdon perlatum</i>)</i> Biomass. <i>Separation Science and Technology</i> , 2012, 47, 1167-1176.	2.5	7
130	Synthesis and thermal properties of poly(styrene-co-ally alcohol)-graft-stearic acid copolymers as novel solidâ€“solid PCMs for thermal energy storage. <i>Solar Energy</i> , 2012, 86, 2282-2292.	6.1	38
131	Antimony(III) Adsorption from Aqueous Solution Using Raw Perlite and Mn-Modified Perlite: Equilibrium, Thermodynamic, and Kinetic Studies. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 6877-6886.	3.7	70
132	Preparation and thermal energy storage properties of poly(<i>n</i>-butyl methacrylate)/fatty acids composites as formâ€“stable phase change materials. <i>Polymer Composites</i> , 2012, 33, 92-98.	4.6	18
133	Thermal energy storage by poly(styreneâ€“coâ€“pâ€“stearoylstyrene) copolymers produced by the modification of polystyrene. <i>Journal of Applied Polymer Science</i> , 2012, 125, 3447-3455.	2.6	20
134	Fatty acid esters-based composite phase change materials for thermal energy storage in buildings. <i>Applied Thermal Engineering</i> , 2012, 37, 208-216.	6.0	92
135	Preparation and thermal energy storage properties of building material-based composites as novel form-stable PCMs. <i>Energy and Buildings</i> , 2012, 51, 73-83.	6.7	75
136	Synthesis and thermal properties of polystyrene-graft-PEG copolymers as new kinds of solidâ€“solid phase change materials for thermal energy storage. <i>Materials Chemistry and Physics</i> , 2012, 133, 87-94.	4.0	134
137	Thermal energy storage properties and thermal reliability of some fatty acid esters/building material composites as novel form-stable PCMs. <i>Solar Energy Materials and Solar Cells</i> , 2012, 101, 114-122.	6.2	181
138	Synthesis and thermal energy storage properties of xylitol pentastearate and xylitol pentapalmitate as novel solidâ€“liquid PCMs. <i>Solar Energy Materials and Solar Cells</i> , 2012, 102, 125-130.	6.2	41
139	Thirteen-year experience with coil embolization of 481 ruptured intracranial aneurysms: angiographic and clinical results. <i>Diagnostic and Interventional Radiology</i> , 2012, 19, 165-72.	1.5	7
140	Sustainable Energy Policies in Turkey. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2011, 6, 207-219.	3.4	8
141	Synthesis and thermal energy storage characteristics of polystyrene-graft-palmitic acid copolymers as solidâ€“solid phase change materials. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 3195-3201.	6.2	94
142	Synthesis and thermal energy storage properties of ethylene dilauroyl, dimyristoyl, and dipalmitoyl amides as novel solidâ€“liquid phase change materials. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 1203-1207.	6.2	30
143	Polyethylene glycol (PEG)/diatomite composite as a novel form-stable phase change material for thermal energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 1647-1653.	6.2	590
144	Synthesis and Thermal Energy Storage Properties of Erythritol Tetrastearate and Erythritol Tetrapalmitate. <i>Chemical Engineering and Technology</i> , 2011, 34, 87-92.	1.5	56

#	ARTICLE	IF	CITATIONS
145	Equilibrium, thermodynamic and kinetic investigations on biosorption of arsenic from aqueous solution by algae (<i>Maugeotia genuflexa</i>) biomass. <i>Chemical Engineering Journal</i> , 2011, 167, 155-161.	12.7	144
146	Preparation and characterization of fatty acid ester/building material composites for thermal energy storage in buildings. <i>Energy and Buildings</i> , 2011, 43, 1952-1959.	6.7	71
147	Preparation, thermal properties and thermal reliability of microencapsulated n-eicosane as novel phase change material for thermal energy storage. <i>Energy Conversion and Management</i> , 2011, 52, 687-692.	9.2	278
148	Galactitol hexa stearate and galactitol hexa palmitate as novel solidâ€“liquid phase change materials for thermal energy storage. <i>Solar Energy</i> , 2011, 85, 2061-2071.	6.1	50
149	Poly(ethylene glycol)/poly(methyl methacrylate) blends as novel formâ€“stable phaseâ€“change materials for thermal energy storage. <i>Journal of Applied Polymer Science</i> , 2010, 116, 929-933.	2.6	23
150	Preparation, characterization and thermal properties of PMMA/n-heptadecane microcapsules as novel solidâ€“liquid microPCM for thermal energy storage. <i>Applied Energy</i> , 2010, 87, 1529-1534.	10.1	285
151	Biosorption of selenium from aqueous solution by green algae (<i>Cladophora hutchinsiae</i>) biomass: Equilibrium, thermodynamic and kinetic studies. <i>Chemical Engineering Journal</i> , 2010, 158, 200-206.	12.7	199
152	Preparation, thermal properties and thermal reliability of eutectic mixtures of fatty acids/expanded vermiculite as novel form-stable composites for energy storage. <i>Journal of Industrial and Engineering Chemistry</i> , 2010, 16, 767-773.	5.8	180
153	Synthesis, thermal energy storage properties and thermal reliability of some fatty acid esters with glycerol as novel solidâ€“liquid phase change materials. <i>Solar Energy Materials and Solar Cells</i> , 2010, 94, 1711-1715.	6.2	81
154	Equilibrium, thermodynamic and kinetic studies on adsorption of Sb(III) from aqueous solution using low-cost natural diatomite. <i>Chemical Engineering Journal</i> , 2010, 162, 521-527.	12.7	135
155	Biosorption of antimony from aqueous solution by lichen (<i>Physcia tribacia</i>) biomass. <i>Chemical Engineering Journal</i> , 2010, 163, 382-388.	12.7	71
156	Biosorption of As(III) and As(V) from Aqueous Solution by Lichen (<i>Xanthoria parietina</i>) Biomass. <i>Separation Science and Technology</i> , 2010, 45, 463-471.	2.5	44
157	Thermal Properties and Thermal Reliability of Capric Acid/Stearic Acid Mixture for Latent Heat Thermal Energy Storage. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2009, 31, 199-207.	2.3	29
158	Synthesis, characterization, thermal properties of a series of stearic acid esters as novel solidâ€“liquid phase change materials. <i>Materials Letters</i> , 2009, 63, 1213-1216.	2.6	110
159	Preparation, thermal properties and thermal reliability of palmitic acid/expanded graphite composite as form-stable PCM for thermal energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2009, 93, 571-576.	6.2	378
160	Preparation, Thermal Properties and Thermal Reliability of Form-Stable Paraffin/Polypropylene Composite for Thermal Energy Storage. <i>Journal of Polymers and the Environment</i> , 2009, 17, 254-258.	5.0	93
161	Capricâ€“myristic acid/vermiculite composite as form-stable phase change material for thermal energy storage. <i>Solar Energy</i> , 2009, 83, 323-332.	6.1	292
162	Microencapsulated n-octacosane as phase change material for thermal energy storage. <i>Solar Energy</i> , 2009, 83, 1757-1763.	6.1	317

#	ARTICLE	IF	CITATIONS
163	Preparation, characterization, and thermal properties of microencapsulated phase change material for thermal energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2009, 93, 143-147.	6.2	372
164	Biosorption of palladium(II) from aqueous solution by moss (<i>Racomitrium lanuginosum</i>) biomass: Equilibrium, kinetic and thermodynamic studies. <i>Journal of Hazardous Materials</i> , 2009, 162, 874-879.	12.4	179
165	Kinetic and equilibrium studies of biosorption of Pb(II) and Cd(II) from aqueous solution by macrofungus (<i>Amanita rubescens</i>) biomass. <i>Journal of Hazardous Materials</i> , 2009, 164, 1004-1011.	12.4	359
166	Biosorption of As(III) and As(V) from aqueous solution by macrofungus (<i>Inonotus hispidus</i>) biomass: Equilibrium and kinetic studies. <i>Journal of Hazardous Materials</i> , 2009, 164, 1372-1378.	12.4	130
167	Characterization of biosorption process of As(III) on green algae <i>Ulothrix cylindricum</i> . <i>Journal of Hazardous Materials</i> , 2009, 165, 566-572.	12.4	158
168	Biosorptive removal of mercury(II) from aqueous solution using lichen (<i>Xanthoparmelia conspersa</i>) biomass: Kinetic and equilibrium studies. <i>Journal of Hazardous Materials</i> , 2009, 169, 263-270.	12.4	136
169	Removal of mercury(II) from aqueous solution using moss (<i>Drepanocladus revolvens</i>) biomass: Equilibrium, thermodynamic and kinetic studies. <i>Journal of Hazardous Materials</i> , 2009, 171, 500-507.	12.4	125
170	Equilibrium, thermodynamic and kinetic studies on aluminum biosorption from aqueous solution by brown algae (<i>Padina pavonica</i>) biomass. <i>Journal of Hazardous Materials</i> , 2009, 171, 973-979.	12.4	75
171	Equilibrium, thermodynamic and kinetic studies on biosorption of Pb(II) and Cd(II) from aqueous solution by macrofungus (<i>Lactarius scrobiculatus</i>) biomass. <i>Chemical Engineering Journal</i> , 2009, 151, 255-261.	12.7	306
172	Preparation, characterization and thermal properties of lauric acid/expanded perlite as novel form-stable composite phase change material. <i>Chemical Engineering Journal</i> , 2009, 155, 899-904.	12.7	227
173	Kinetic and equilibrium studies of Pb(II) and Cd(II) removal from aqueous solution onto colemanite ore waste. <i>Desalination</i> , 2009, 249, 260-266.	8.2	50
174	Thermal Characteristics of Paraffin/Expanded Perlite Composite for Latent Heat Thermal Energy Storage. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2009, 31, 814-823.	2.3	70
175	Capricâ€“myristic acid/expanded perlite composite as form-stable phase change material for latent heat thermal energy storage. <i>Renewable Energy</i> , 2008, 33, 2599-2605.	8.9	260
176	Capric acid and stearic acid mixture impregnated with gypsum wallboard for low-temperature latent heat thermal energy storage. <i>International Journal of Energy Research</i> , 2008, 32, 154-160.	4.5	110
177	Global warming and renewable energy sources for sustainable development: A case study in Turkey. <i>Renewable and Sustainable Energy Reviews</i> , 2008, 12, 372-396.	16.4	183
178	Biosorption of Pb(II) and Cd(II) from aqueous solution using green alga (<i>Ulva lactuca</i>) biomass. <i>Journal of Hazardous Materials</i> , 2008, 152, 302-308.	12.4	256
179	Biosorption of cadmium(II) from aqueous solution by red algae (<i>Ceramium virgatum</i>): Equilibrium, kinetic and thermodynamic studies. <i>Journal of Hazardous Materials</i> , 2008, 157, 448-454.	12.4	280
180	Biosorption of total chromium from aqueous solution by red algae (<i>Ceramium virgatum</i>): Equilibrium, kinetic and thermodynamic studies. <i>Journal of Hazardous Materials</i> , 2008, 160, 349-355.	12.4	266

#	ARTICLE	IF	CITATIONS
181	Biosorption of Pb(II) and Cr(III) from aqueous solution by lichen (<i>Parmelina tiliaceae</i>) biomass. <i>Bioresource Technology</i> , 2008, 99, 2972-2980.	9.6	245
182	Biosorption of Cd(II) and Cr(III) from aqueous solution by moss (<i>Hylocomium splendens</i>) biomass: Equilibrium, kinetic and thermodynamic studies. <i>Chemical Engineering Journal</i> , 2008, 144, 1-9.	12.7	252
183	Fatty acid/poly(methyl methacrylate) (PMMA) blends as form-stable phase change materials for latent heat thermal energy storage. <i>Solar Energy</i> , 2008, 82, 118-124.	6.1	261
184	Preparation, characterization and thermal properties of styrene maleic anhydride copolymer (SMA)/fatty acid composites as form stable phase change materials. <i>Energy Conversion and Management</i> , 2008, 49, 373-380.	9.2	98
185	Preparation, thermal properties and thermal reliability of capric acid/expanded perlite composite for thermal energy storage. <i>Materials Chemistry and Physics</i> , 2008, 109, 459-464.	4.0	204
186	Preparation and thermal properties of capric acid/palmitic acid eutectic mixture as a phase change energy storage material. <i>Materials Letters</i> , 2008, 62, 903-906.	2.6	72
187	Preparation and thermal properties of ethylene glycole distearate as a novel phase change material for energy storage. <i>Materials Letters</i> , 2008, 62, 1122-1125.	2.6	55
188	Fatty Acid/Expanded Graphite Composites as Phase Change Material for Latent Heat Thermal Energy Storage. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2008, 30, 464-474.	2.3	37
189	Removal of Cr(VI) From Aqueous Solution by Turkish Vermiculite: Equilibrium, Thermodynamic and Kinetic Studies. <i>Separation Science and Technology</i> , 2008, 43, 3563-3581.	2.5	43
190	Encapsulated Fatty Acids in an Acrylic Resin as Shape-stabilized Phase Change Materials for Latent Heat Thermal Energy Storage. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2008, 30, 1050-1059.	2.3	43
191	Capric Acid and Myristic Acid for Latent Heat Thermal Energy Storage. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2008, 30, 1498-1507.	2.3	36
192	Thermal Properties and Long-term Reliability of Capric Acid/Lauric Acid and Capric Acid/Myristic Acid Mixtures for Thermal Energy Storage. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2008, 30, 1248-1258.	2.3	31
193	Thermodynamic Aspects of Energy Systems and Sustainable Development. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2007, 30, 325-333.	2.3	13
194	Poly(vinyl alcohol)/Fatty Acid Blends for Thermal Energy Storage. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2007, 29, 873-883.	2.3	21
195	High Density Polyethylene/Paraffin Composites as Form-stable Phase Change Material for Thermal Energy Storage. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2007, 29, 261-270.	2.3	61
196	Renewable Energy Sources in the European Union: Markets and Capacity. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2007, 2, 19-29.	3.4	54
197	Biosorption of Pb(II) and Ni(II) from aqueous solution by lichen (<i>Cladonia furcata</i>) biomass. <i>Biochemical Engineering Journal</i> , 2007, 37, 151-158.	3.6	208
198	Removal of ammonium ion from aqueous solution by natural Turkish (YÄ±ldÄ±zeli) zeolite for environmental quality. <i>Journal of Hazardous Materials</i> , 2007, 141, 258-263.	12.4	328

#	ARTICLE	IF	CITATIONS
199	Adsorption of Pb(II) and Cr(III) from aqueous solution on Celtek clay. Journal of Hazardous Materials, 2007, 144, 41-46.	12.4	235
200	Adsorption characteristics of Cu(II) and Pb(II) onto expanded perlite from aqueous solution. Journal of Hazardous Materials, 2007, 148, 387-394.	12.4	235
201	Equilibrium, kinetic and thermodynamic studies of adsorption of Pb(II) from aqueous solution onto Turkish kaolinite clay. Journal of Hazardous Materials, 2007, 149, 283-291.	12.4	367
202	Thermal conductivity and latent heat thermal energy storage characteristics of paraffin/expanded graphite composite as phase change material. Applied Thermal Engineering, 2007, 27, 1271-1277.	6.0	780
203	Thermal conductivity improvement of stearic acid using expanded graphite and carbon fiber for energy storage applications. Renewable Energy, 2007, 32, 2201-2210.	8.9	309
204	Equilibrium and thermodynamic studies of stearic acid adsorption on Celtek clay. Journal of the Serbian Chemical Society, 2007, 72, 485-494.	0.8	22
205	Adsorption properties of stearic acid onto untreated kaolinite. Bulletin of the Chemical Society of Ethiopia, 2006, 20, .	1.1	23
206	Sorption Capacity and Thermodynamic Properties of Natural Turkish (ReÄŸyadiye) Bentonite for the Removal of Ammonium Ions from Aqueous Solution. Adsorption Science and Technology, 2006, 24, 749-760.	3.2	19
207	What Wrapped Perichondrial and Periosteal Grafts Offer as Regenerators of New Tissue. Journal of Craniofacial Surgery, 2006, 17, 1137-1143.	0.7	5
208	Adsorption thermodynamics of stearic acid onto bentonite. Journal of Hazardous Materials, 2006, 135, 226-231.	12.4	80
209	Eutectic mixtures of some fatty acids for latent heat storage: Thermal properties and thermal reliability with respect to thermal cycling. Energy Conversion and Management, 2006, 47, 1207-1221.	9.2	64
210	Temperature distributions in trapezoidal built in storage solar water heaters with/without phase change materials. Energy Conversion and Management, 2006, 47, 2143-2154.	9.2	67
211	Thermal Energy Storage Characteristics of Myristic and Stearic Acids Eutectic Mixture for Low Temperature Heating Applications. Chinese Journal of Chemical Engineering, 2006, 14, 270-275.	3.5	28
212	Eudragit S (methyl methacrylate methacrylic acid copolymer)/fatty acid blends as form-stable phase change material for latent heat thermal energy storage. Journal of Applied Polymer Science, 2006, 101, 1402-1406.	2.6	49
213	Poly(ethylene glycol)/acrylic polymer blends for latent heat thermal energy storage. AIChE Journal, 2006, 52, 3310-3314.	3.6	108
214	Thermal Energy Storage Performance of Fatty Acids as a Phase Change Material. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2006, 28, 105-116.	2.3	27
215	The Benefits of Renewables in Turkey. Energy Sources, Part B: Economics, Planning and Policy, 2006, 1, 23-35.	3.4	12
216	Lauric and palmitic acids eutectic mixture as latent heat storage material for low temperature heating applications. Energy, 2005, 30, 677-692.	8.8	63

#	ARTICLE	IF	CITATIONS
217	Eutectic mixtures of some fatty acids for low temperature solar heating applications: Thermal properties and thermal reliability. Applied Thermal Engineering, 2005, 25, 2100-2107.	6.0	143
218	Model selection for global and diffuse radiation over the Central Black Sea (CBS) region of Turkey. Energy Conversion and Management, 2005, 46, 605-613.	9.2	97
219	Lauric and myristic acids eutectic mixture as phase change material for low-temperature heating applications. International Journal of Energy Research, 2005, 29, 857-870.	4.5	54
220	Design Parameters of Low Temperature Shelled-Corn Drying in the Central Black Sea Region of Turkey. Agroecology and Sustainable Food Systems, 2005, 26, 43-61.	0.9	2
221	Thermal Energy Storage System Using a Technical Grade Paraffin Wax as Latent Heat Energy Storage Material. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2005, 27, 1535-1546.	0.5	57
222	Second Law Analysis of Various Types of Coal and Woody Biomass in Turkey. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2004, 26, 1083-1094.	0.5	55
223	Thermal properties and thermal reliability of eutectic mixtures of some fatty acids as latent heat storage materials. Energy Conversion and Management, 2004, 45, 365-376.	9.2	156
224	Form-stable paraffin/high density polyethylene composites as solid-liquid phase change material for thermal energy storage: preparation and thermal properties. Energy Conversion and Management, 2004, 45, 2033-2042.	9.2	456
225	Renewable Energy for a Clean and Sustainable Future. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2004, 26, 1119-1129.	0.5	151
226	Renewable energy potential and utilization in Turkey. Energy Conversion and Management, 2003, 44, 459-478.	9.2	125
227	Thermal reliability test of some fatty acids as PCMs used for solar thermal latent heat storage applications. Energy Conversion and Management, 2003, 44, 2277-2287.	9.2	213
228	Phase change and heat transfer characteristics of a eutectic mixture of palmitic and stearic acids as PCM in a latent heat storage system. Energy Conversion and Management, 2003, 44, 3227-3246.	9.2	99
229	Thermal characteristics of a eutectic mixture of myristic and palmitic acids as phase change material for heating applications. Applied Thermal Engineering, 2003, 23, 1005-1017.	6.0	79
230	Thermal performance of palmitic acid as a phase change energy storage material. Energy Conversion and Management, 2002, 43, 863-876.	9.2	157
231	Thermal and heat transfer characteristics in a latent heat storage system using lauric acid. Energy Conversion and Management, 2002, 43, 2493-2507.	9.2	111
232	Thermal performance of a eutectic mixture of lauric and stearic acids as PCM encapsulated in the annulus of two concentric pipes. Solar Energy, 2002, 72, 493-504.	6.1	146
233	Thermal energy storage system using stearic acid as a phase change material. Solar Energy, 2001, 71, 365-376.	6.1	140
234	Thermal performance of myristic acid as a phase change material for energy storage application. Renewable Energy, 2001, 24, 303-317.	8.9	133

#	ARTICLE	IF	CITATIONS
235	Thermal Energy Storage System Using Some Fatty Acids as Latent Heat Energy Storage Materials. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2001, 23, 275-285.	0.5	48
236	Energy and Exergy Calculations of Latent Heat Energy Storage Systems. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2000, 22, 117-126.	0.5	24
237	Response surface methodologyâ€‘based extraction optimization with application of ZrCl ₄ as novel quenching agent for enhancement of bio-oil yield from Jatropha curcas and Chlorella pyrenoidosa. Biomass Conversion and Biorefinery, 0, , 1.	4.6	1
238	Estimation of thermodynamic and enviroeconomic characteristics of khoa (milk food) production unit. Environment, Development and Sustainability, 0, , 1.	5.0	0
239	Experimental Analysis of Melting Behavior of Capric Acid (CA)â€‘Stearic Acid (SA) Eutectic Mixture and its 3D Numerical Solution of Natural Convection in a Cup. Arabian Journal for Science and Engineering, 0, , 1.	3.0	2