# Ahmet SarÄº

List of Publications by Year
in descending order

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|---|---|---|---|
| 239 papers | 22,646 citations | 4653 85 h-index | 9579 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. | 2.9 | 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. | 0.9 | 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. | 1.3 | 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. | 3.0 | 98 |
| 5 | Synthesis of carbon modified with polymer of diethylenetriamine and trimesoyl chloride for the dual removal of Hg (II) and methyl mercury ([CH3Hg]+) from wastewater: Theoretical and experimental analyses. Materials Chemistry and Physics, 2022, 277, 125501. | 2.0 | 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. | 1.9 | 10 |
| 7 | Thermal conductivity enhancement of silica fume based composite thermal energy storage material using different carbon nanomaterials. Energy and Buildings, 2022, 257, 111789. | 3.1 | 15 |
| 8 | Comparative exergoeconomic analysis of single, two and three stage spray drying systems. Journal of Thermal Analysis and Calorimetry, 2022, 147, 8947-8968. | 2.0 | 2 |
| 9 | Effect of simultaneous & consecutive melting/solidification of phase change material on domestic solar water heating system. Renewable Energy, 2022, 188, 329-348. | 4.3 | 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. | 3.1 | 42 |
| 11 | Thermal energy storage characteristics of polyacrylic acid/dodecanol/carbon nanofiber composites as thermal conductive <scp>shapeâ€stabilized</scp> composite phase change materials. International Journal of Energy Research, 2022, 46, 20873-20885. | 2.2 | 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. | 1.9 | 13 |
| 13 | Metal Oxide Nanoparticle Dispersed-Polyethylene Glycol: Thermal Conductivity and Thermal Energy Storage Properties. Energy & Fuels, 2022, 36, 2821-2832. | 2.5 | 6 |
| 14 | Shape stabilized attapulgite/myristic-palmitic acid composite PCM for thermal energy storage implementations in buildings. Materials Today: Proceedings, 2022, 58, 1350-1353. | 0.9 | 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. | 2.5 | 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. | 2.1 | 24 |
| 17 | Investigation of physico-mechanical, thermal properties and solar thermoregulation performance of shape-stable attapulgite based composite phase change material in foam concrete. Solar Energy, 2022, 236, 51-62. | 2.9 | 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. | 4.5 | 44 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Bio-Based Phase Change Materials for Wooden Building Applications. Forests, 2022, 13, 603. | 0.9 | 3 |
| 20 | A critical overview of upstream cultivation and downstream processing of algae-based biofuels: Opportunity, technological barriers and future perspective. Journal of Biotechnology, 2022, 351, 74-98. | 1.9 | 23 |
| 21 | Factorial design, physical studies and rapid arsenic adsorption using newly prepared polymer modified perlite adsorbent. Chemical Engineering Research and Design, 2022, 183, 181-191. | 2.7 | 31 |
| 22 | Glass fiber reinforced gypsum composites with microencapsulated PCM as novel building thermal energy storage material. Construction and Building Materials, 2022, 340, 127788. | 3.2 | 45 |
| 23 | Properties of Scots pine wood impregnated with capric acid for potential energy saving building material. Holzforschung, 2022, 76, 744-753. | 0.9 | 13 |
| 24 | Activated carbon nanotube/polyacrylic acid/stearyl alcohol nanocomposites as thermal energy storage effective shape-stabilized phase change materials. Surfaces and Interfaces, 2022, 31, 102088. | 1.5 | 1 |
| 25 | Effective antimony removal from wastewaters using polymer modified sepiolite: Isotherm kinetic and thermodynamic analysis. Chemical Engineering Research and Design, 2022, 184, 215-223. | 2.7 | 30 |
| 26 | Foam Concrete Produced with Recycled Concrete Powder and Phase Change Materials. Sustainability, 2022, 14, 7458. | 1.6 | 17 |
| 27 | Properties of eco-friendly foam concrete containing PCM impregnated rice husk ash for thermal management of buildings. Journal of Building Engineering, 2022, 58, 104961. | 1.6 | 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. Energy, 2022, 257, 124786. | 4.5 | 22 |
| 29 | Thermal energy storage properties, thermal conductivity, chemical/and thermal reliability of three different organic phase change materials doped with hexagonal boron nitride. Surfaces and Interfaces, 2022, 32, 102176. | 1.5 | 9 |
| 30 | Facile synthesis of zinc oxide nanoparticles loaded activated carbon as an eco-friendly adsorbent for ultra-removal of malachite green from water. Environmental Technology and Innovation, 2021, 21, 101305. | 3.0 | 94 |
| 31 | Silica fume/capric acid-stearic acid PCM included-cementitious composite for thermal controlling of buildings: Thermal energy storage and mechanical properties. Energy, 2021, 219, 119588. | 4.5 | 82 |
| 32 | Fly Ash/Octadecane Shape-Stabilized Composite PCMs Doped with Carbon-Based Nanoadditives for Thermal Regulation Applications. Energy & Fuels, 2021, 35, 1786-1795. | 2.5 | 24 |
| 33 | Carbonized waste hazelnut woodâ€based shapeâ€stable composite phase change materials for thermal management implementations. International Journal of Energy Research, 2021, 45, 10271-10284. | 2.2 | 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. Journal of Energy Storage, 2021, 35, 102329. | 3.9 | 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. Construction and Building Materials, 2021, 274, 122105. | 3.2 | 73 |
| 36 | Walnut shell derived bio-carbon/methyl palmitate as novel composite phase change material with enhanced thermal energy storage properties. Journal of Energy Storage, 2021, 35, 102288. | 3.9 | 62 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 37 | Microencapsulated heptadecane with calcium carbonate as thermal conductivity-enhanced phase change material for thermal energy storage. Journal of Molecular Liquids, 2021, 328, 115508. | 2.3 | 61 |
| 38 | Experimental investigation of microalgal harvesting with low cost bottom ash: Influence of temperature and pH with zeta potential and thermodynamic function. Environmental Technology and Innovation, 2021, 22, 101376. | 3.0 | 15 |
| 39 | Evaluation of poly(ethylene diamine-trimesoyl chloride)-modified diatomite as efficient adsorbent for removal of rhodamine B from wastewater samples. Environmental Science and Pollution Research, 2021, 28, 55655-55666. | 2.7 | 25 |
| 40 | Energetic and exergetic assessment of two- and three-stage spray drying units for milk processing industry. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1. | 0.8 | 6 |
| 41 | High internal phase emulsion templated-polystyrene/carbon nano fiber/hexadecanol composites phase change materials for thermal management applications. Journal of Energy Storage, 2021, 39, 102674. | 3.9 | 21 |
| 42 | Development and characterization of bentonite-gum arabic composite as novel highly-efficient adsorbent to remove thorium ions from aqueous media. Cellulose, 2021, 28, 10321-10333. | 2.4 | 17 |
| 43 | Phase change material based advance solar thermal energy storage systems for building heating and cooling applications: A prospective research approach. Sustainable Energy Technologies and Assessments, 2021, 47, 101318. | 1.7 | 28 |
| 44 | Porous biochar/heptadecane composite phase change material with leak-proof, high thermal energy storage capacity and enhanced thermal conductivity. Powder Technology, 2021, 394, 1017-1025. | 2.1 | 39 |
| 45 | Novel approach for harvesting of microalgal biomass using electric geyser waste material deposit as flocculant in coupling with poultry excreta leachate. Bioresource Technology, 2021, 341, 125646. | 4.8 | 3 |
| 46 | Eco-friendly building materials containing micronized expanded vermiculite and phase change material for solar based thermo-regulation applications. Construction and Building Materials, 2021, 308, 125062. | 3.2 | 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. Journal of Energy Storage, 2021, 44, 103325. | 3.9 | 28 |
| 48 | Development and characterization of polymer-modified vermiculite composite as novel highly-efficient adsorbent for water treatment. Surfaces and Interfaces, 2021, 27, 101504. | 1.5 | 15 |
| 49 | Stability and thermal conductivity enhancement of aqueous nanofluid based on surfactant-modified TiO<sub>2</sub>. Journal of Dispersion Science and Technology, 2020, 41, 374-382. | 1.3 | 34 |
| 50 | Thermal performance of phase change material integrated heat pipe evacuated tube solar collector system: An experimental assessment. Energy Conversion and Management, 2020, 203, 112205. | 4.4 | 96 |
| 51 | Evaluation of carbonized waste tire for development of novel shape stabilized composite phase change material for thermal energy storage. Waste Management, 2020, 103, 352-360. | 3.7 | 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. International Journal of Energy Research, 2020, 44, 2183-2195. | 2.2 | 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. Scientific Reports, 2020, 10, 15388. | 1.6 | 37 |
| 54 | Phase change material impregnated wood for passive thermal management of timber buildings. International Journal of Energy Research, 2020, 44, 10495-10505. | 2.2 | 29 |

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|---|---|---|---|
| 55 | Development and characterization of formâ€stable porous <scp> TiO <sub>2</sub> </scp> /tetradecanoic 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. | 2.2 | 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. | 2.7 | 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. | 1.3 | 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. | 2.7 | 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. | 2.5 | 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. | 4.5 | 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. | 1.6 | 29 |
| 62 | PCM integrated glass in glass tube solar collector for low and medium temperature applications: Thermodynamic & techno-economic approach. Energy, 2020, 198, 117238. | 4.5 | 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. | 4.5 | 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. | 1.5 | 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. | 2.6 | 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. | 2.2 | 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. | 2.0 | 15 |
| 68 | Carbon nanotubes grafted with poly(trimesoyl, m-phenylenediamine) for enhanced removal of phenol. Journal of Environmental Management, 2019, 252, 109660. | 3.8 | 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. | 2.2 | 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. | 3.3 | 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. | 4.4 | 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. | 4.3 | 37 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 73 | Poly(styreneâ€coâ€maleic anhydride)â€graftâ€fatty acids as novel solidâ€“solid PCMs for thermal energy storage. Polymer Engineering and Science, 2019, 59, E337. | 1.5 | 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. | 3.1 | 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. | 3.0 | 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. | 1.2 | 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. | 3.8 | 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. | 0.3 | 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. | 3.1 | 173 |
| 80 | Microencapsulated n -alkane eutectics in polystyrene for solar thermal applications. Solar Energy, 2018, 160, 32-42. | 2.9 | 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. | 3.0 | 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. | 8.2 | 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. | 3.0 | 94 |
| 84 | Response surface optimization, kinetic and thermodynamic studies for effective removal of rhodamine B by magnetic AC/CeO2 nanocomposite. Journal of Environmental Management, 2018, 206, 170-177. | 3.8 | 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. | 2.0 | 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. | 5.1 | 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 (Russula sanguinea) from aqueous solution: equilibrium, thermodynamic and kinetic studies. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 1387-1397. | 0.7 | 19 |
| 90 | Thermodynamics and Kinetics of Biosorption of Vanadium with Macrofungus Hypholoma fasciculare and Determination by GFAAS. Atomic Spectroscopy, 2018, 39, 170-177. | 0.4 | 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. | 3.3 | 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, . | 1.3 | 23 |
| 93 | Equilibrium, thermodynamic and kinetic investigations for biosorption of uranium with green algae () Tj ETQq1 1 0.784314 rgBT /Over | 0.9 | 101 |
| 94 | Polystyrene microcapsules with palmitic-capric acid eutectic mixture as building thermal energy storage materials. Energy and Buildings, 2017, 150, 376-382. | 3.1 | 69 |
| 95 | Magnetic activated carbon loaded with tungsten oxide nanoparticles for aluminum removal from waters. Journal of Environmental Chemical Engineering, 2017, 5, 2853-2860. | 3.3 | 136 |
| 96 | Application of chitosanâ€•modified pumice for antimony adsorption from aqueous solution. Environmental Progress and Sustainable Energy, 2017, 36, 1587-1596. | 1.3 | 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. | 2.7 | 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. | 3.0 | 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. | 4.4 | 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. | 2.7 | 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. | 6.6 | 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. | 2.3 | 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. | 3.0 | 62 |
| 104 | Spinal epidural cavernous hemangioma: a rare site of involvement. Spine Journal, 2016, 16, e251. | 0.6 | 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. | 3.0 | 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. | 4.4 | 156 |
| 107 | Thermal energy storage characteristics of micro-nanoencapsulated heneicosane and octacosane with poly(methylmethacrylate) shell. Journal of Microencapsulation, 2016, 33, 221-228. | 1.2 | 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. | 1.2 | 6 |

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|---|---|---|---|
| 109 | Synthesis and characterization of micro/nano capsules of PMMA/capricâ€“stearic acid eutectic mixture for low temperature-thermal energy storage in buildings. Energy and Buildings, 2015, 90, 106-113. | 3.1 | 104 |
| 110 | Adsorption Characteristics of Mercury(II) Ions from Aqueous Solution onto Chitosan-Coated Diatomite. Industrial & Engineering Chemistry Research, 2015, 54, 7524-7533. | 1.8 | 78 |
| 111 | Fabrication and thermal characterization of kaolin-based composite phase change materials for latent heat storage in buildings. Energy and Buildings, 2015, 96, 193-200. | 3.1 | 102 |
| 112 | Micro/nano encapsulated n-tetracosane and n-octadecane eutectic mixture with polystyrene shell for low-temperature latent heat thermal energy storage applications. Solar Energy, 2015, 115, 195-203. | 2.9 | 122 |
| 113 | Comparison of dose distributions hippocampus in high grade gliomas irradiation with linac-based imrt and volumetric arc therapy: a dosimetric study. SpringerPlus, 2015, 4, 114. | 1.2 | 15 |
| 114 | A novel technique in the treatment of retroperitoneal lymphatic leakage: direct percutaneous embolization through the leakage pouch. Diagnostic and Interventional Radiology, 2015, 21, 419-422. | 0.7 | 27 |
| 115 | Micro/nanoencapsulated n-nonadecane with poly(methyl methacrylate) shell for thermal energy storage. Energy Conversion and Management, 2014, 86, 614-621. | 4.4 | 111 |
| 116 | Latent heat energy storage characteristics of building composites of bentonite clay and pumice sand with different organic PCMs. International Journal of Energy Research, 2014, 38, 1478-1491. | 2.2 | 58 |
| 117 | Composites of polyethylene glycol (PEG600) with gypsum and natural clay as new kinds of building PCMs for low temperature-thermal energy storage. Energy and Buildings, 2014, 69, 184-192. | 3.1 | 92 |
| 118 | Cd(II) adsorption from aqueous solution by raw and modified kaolinite. Applied Clay Science, 2014, 88-89, 63-72. | 2.6 | 80 |
| 119 | Preparation, characterization and latent heat thermal energy storage properties of micro-nanoencapsulated fatty acids by polystyrene shell. Applied Thermal Engineering, 2014, 73, 1160-1168. | 3.0 | 102 |
| 120 | Micro/nano encapsulation of some paraffin eutectic mixtures with poly(methyl methacrylate) shell: Preparation, characterization and latent heat thermal energy storage properties. Applied Energy, 2014, 136, 217-227. | 5.1 | 197 |
| 121 | Micro/nano-encapsulated n-heptadecane with polystyrene shell for latent heat thermal energy storage. Solar Energy Materials and Solar Cells, 2014, 126, 42-50. | 3.0 | 140 |
| 122 | Giant cell tumor of the occipital bone: A case report and review of the literature. Oncology Letters, 2014, 8, 151-154. | 0.8 | 9 |
| 123 | New kinds of energy-storing building composite PCMs for thermal energy storage. Energy Conversion and Management, 2013, 69, 148-156. | 4.4 | 46 |
| 124 | Adsorption of silver from aqueous solution onto raw vermiculite and manganese oxide-modified vermiculite. Microporous and Mesoporous Materials, 2013, 170, 155-163. | 2.2 | 82 |
| 125 | Erythritol Tetra Myristate and Erythritol Tetra Laurate as Novel Phase Change Materials for Low Temperature Thermal Energy Storage. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2013, 35, 1285-1295. | 1.2 | 26 |
| 126 | Development, Characterization, and Latent Heat Thermal Energy Storage Properties of Neopentyl Glycol-Fatty Acid Esters as New Solidâ€“Liquid PCMs. Industrial & Engineering Chemistry Research, 2013, 52, 18269-18275. | 1.8 | 11 |

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|---|---|---|---|
| 127 | Polyethyl Methacrylate (PEMA)/Fatty Acids Blends as Novel Phase Change Materials for Thermal Energy Storage. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2013, 35, 1813-1819. | 1.2 | 16 |
| 128 | Thermal energy storage properties of mannitolâ€“fatty acid esters as novel organic solidâ€“liquid phase change materials. Energy Conversion and Management, 2012, 64, 68-78. | 4.4 | 65 |
| 129 | Equilibrium, Thermodynamic and Kinetic Studies on Biosorption of Mercury from Aqueous Solution by Macrofungus (Lycoperdon perlatum) Biomass. Separation Science and Technology, 2012, 47, 1167-1176. | 1.3 | 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. Solar Energy, 2012, 86, 2282-2292. | 2.9 | 38 |
| 131 | Antimony(III) Adsorption from Aqueous Solution Using Raw Perlite and Mn-Modified Perlite: Equilibrium, Thermodynamic, and Kinetic Studies. Industrial & Engineering Chemistry Research, 2012, 51, 6877-6886. | 1.8 | 70 |
| 132 | Preparation and thermal energy storage properties of poly(nâ€butyl methacrylate)/fatty acids composites as formâ€stable phase change materials. Polymer Composites, 2012, 33, 92-98. | 2.3 | 18 |
| 133 | Thermal energy storage by poly(styreneâ€coâ€pâ€stearoylstyrene) copolymers produced by the modification of polystyrene. Journal of Applied Polymer Science, 2012, 125, 3447-3455. | 1.3 | 20 |
| 134 | Fatty acid esters-based composite phase change materials for thermal energy storage in buildings. Applied Thermal Engineering, 2012, 37, 208-216. | 3.0 | 92 |
| 135 | Preparation and thermal energy storage properties of building material-based composites as novel form-stable PCMs. Energy and Buildings, 2012, 51, 73-83. | 3.1 | 75 |
| 136 | Synthesis and thermal properties of polystyrene-graft-PEG copolymers as new kinds of solidâ€“solid phase change materials for thermal energy storage. Materials Chemistry and Physics, 2012, 133, 87-94. | 2.0 | 134 |
| 137 | Thermal energy storage properties and thermal reliability of some fatty acid esters/building material composites as novel form-stable PCMs. Solar Energy Materials and Solar Cells, 2012, 101, 114-122. | 3.0 | 181 |
| 138 | Synthesis and thermal energy storage properties of xylitol pentastearate and xylitol pentapalmitate as novel solidâ€“liquid PCMs. Solar Energy Materials and Solar Cells, 2012, 102, 125-130. | 3.0 | 41 |
| 139 | Thirteen-year experience with coil embolization of 481 ruptured intracranial aneurysms: angiographic and clinical results. Diagnostic and Interventional Radiology, 2012, 19, 165-72. | 0.7 | 7 |
| 140 | Sustainable Energy Policies in Turkey. Energy Sources, Part B: Economics, Planning and Policy, 2011, 6, 207-219. | 1.8 | 8 |
| 141 | Synthesis and thermal energy storage characteristics of polystyrene-graft-palmitic acid copolymers as solidâ€“solid phase change materials. Solar Energy Materials and Solar Cells, 2011, 95, 3195-3201. | 3.0 | 94 |
| 142 | Synthesis and thermal energy storage properties of ethylene dilauroyl, dimyristoyl, and dipalmitoyl amides as novel solidâ€“liquid phase change materials. Solar Energy Materials and Solar Cells, 2011, 95, 1203-1207. | 3.0 | 30 |
| 143 | Polyethylene glycol (PEG)/diatomite composite as a novel form-stable phase change material for thermal energy storage. Solar Energy Materials and Solar Cells, 2011, 95, 1647-1653. | 3.0 | 590 |
| 144 | Synthesis and Thermal Energy Storage Properties of Erythritol Tetrastearate and Erythritol Tetrapalmitate. Chemical Engineering and Technology, 2011, 34, 87-92. | 0.9 | 56 |

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|---|---|---|---|
| 145 | Equilibrium, thermodynamic and kinetic investigations on biosorption of arsenic from aqueous solution by algae (Maugeotia genuflexa) biomass. Chemical Engineering Journal, 2011, 167, 155-161. | 6.6 | 144 |
| 146 | Preparation and characterization of fatty acid ester/building material composites for thermal energy storage in buildings. Energy and Buildings, 2011, 43, 1952-1959. | 3.1 | 71 |
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