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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Karadeniz Teknik Üniversitesi, -, Kimya, Türkiye 1996 - 2000

Yüksek Lisans, Karadeniz Teknik Üniversitesi, -, Kimya, Türkiye 1994 - 1996

Lisans, Karadeniz Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, Türkiye 1989 - 1993

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Bazı Yağ Asitleri ve Ötektik Karışımlarının Enerji Depolayıcı Madde Olarak Kullanılabilirliğinin İncelenmesi, Gaziosman Paşa Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 2000

Yüksek Lisans, Enerji Depolama Sisteminin Performansının Hesaplanması İçin Enerji ve Ekserji Analizi, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya/Fizikokimya, 1996

Araştırma Alanları

Kimya, Fizikokimya, Fonksiyonel Polimerler, Kimyasal Kinetik, Kompozitler, Nanokompozitler, Polimerik Malzemeler, Termodinamik, Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, Metalurji ve Malzeme Mühendisliği, 2015 - Devam Ediyor

Prof. Dr., Gaziosman Paşa Üniversitesi, Fen Edebiyat, Kimya, 2010 - 2015

Doç. Dr., Gaziosman Paşa Üniversitesi, Fen Edebiyat, Kimya, 2004 - 2010

Yrd. Doç. Dr., Gaziosman Paşa Üniversitesi, Fen Edebiyat, Kimya, 2000 - 2004

Akademik İdari Deneyim

Gaziosman Paşa Üniversitesi, 2012 - 2015

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Production and assessment of UV-cured resin coated stearyl alcohol/expanded graphite as novel shape-stable composite phase change material for thermal energy storage**
GÜLER O., Er Y., HEKİMOĞLU G., Ustaoglu A., SARI A., Subaşı S., Maraşlı M., Gencil O.
Applied Thermal Engineering, cilt.247, 2024 (SCI-Expanded)
- II. **Physico-mechanical properties and thermal monitoring performance of thermal enhanced cement slurry-coated LWAs containing microencapsulated phase change material**
Emiroğlu M., ÖZGÜLER A. T., NAS M., Subasi S., SARI A., HEKİMOĞLU G., Ustaoglu A., Gencil O.
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- III. **A novel cement mortar comprising natural zeolite/dodecyl alcohol shape stable composite phase change material for energy effective buildings**
SARI A., NAS M., YEŞİLATA B., Ustaoglu A., Erdoğan E., Torlaklı H., HEKİMOĞLU G., Gencil O.
Journal of Energy Storage, cilt.87, 2024 (SCI-Expanded)
- IV. **Innovative cementitious mortar incorporated with sepiolite based shape-stable phase change material for thermal controlling of buildings**
TOPÇU İ. B., Bayram M., Ustaoglu A., HEKİMOĞLU G., Erdoğan E., SARI A., Gencil O., Ozbakkaloglu T.
Construction and Building Materials, cilt.426, 2024 (SCI-Expanded)
- V. **Magnetic nanoparticles loaded hydrochar for effective Cr(VI) removal from water: Batch and column studies**
Rind I. K., Memon N., SARI A., Khuhawar M. Y., Tuzen M., Naveed ul Hasan S., Memon A. A., Soomro W. A., Zaman Brohi R. O., Saleh T. A.
Materials Chemistry and Physics, cilt.318, 2024 (SCI-Expanded)
- VI. **Enhancing sustainability with waste hemp-shive and phase change material: Novel gypsum-based composites with advanced thermal energy storage properties**
Gencil O., GÜLER O., Ustaoglu A., Erdoğan E., SARI A., HEKİMOĞLU G., BOZTOPRAK Y., Subaşı S.
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- VII. **Microencapsulated phase change material/wood fiber-starch composite as novel bio-based energy storage material for buildings**
Öztürk G., TEMİZ A., HEKİMOĞLU G., ASLAN M., KÖSE DEMİREL G., ERDEYER Ö. N., SARI A., Gencil O., Subaşı S.
Journal of Energy Storage, cilt.84, 2024 (SCI-Expanded)
- VIII. **Development of a novel form-stable phase change material based on alkali activated date seed biochar to harvest solar thermal energy**
Gowthami D., Sharma R., Tyagi V., Rathore P. K. S., SARI A.
Journal of Energy Storage, cilt.83, 2024 (SCI-Expanded)
- IX. **Novel integration of recycled-hemihydrate phosphogypsum and ethyl palmitate in composite phase change material for building thermal regulation**
Kocyiğit Ş., GÜLER O., HEKİMOĞLU G., Ustaoglu A., Erdoğan E., SARI A., Gencil O., Ozbakkaloglu T.
Journal of Cleaner Production, cilt.445, 2024 (SCI-Expanded)
- X. **A Novel Layered Double Hydroxide and Dodecyl Alcohol Assisted PCM Composite with High Latent Heat Storage Capacity and Thermal Conductivity**
Al-Ahmed A., SARI A., Khan F., Al-Rasheidi M., HEKİMOĞLU G., Afzaal M., Alsulami A. A., Dafalla H., Salhi B., Alsulaiman A. F.
JOURNAL OF THERMAL SCIENCE, cilt.33, sa.2, ss.537-547, 2024 (SCI-Expanded)
- XI. **Influential adsorption of Congo red using vermiculite/graphene/polyacrylamide composite**
Rind I. K., SARI A., Tuzen M., Saleh T. A.
Materials Chemistry and Physics, cilt.314, 2024 (SCI-Expanded)
- XII. **Characterisation and energy storage performance of 3D printed-photocurable**

resin/microencapsulated phase change material composite

Er Y., GÜLER O., Ustaoglu A., HEKİMOĞLU G., SARI A., Subaşı S., Gencil O., Maraşlı M.

Thermal Science and Engineering Progress, cilt.48, 2024 (SCI-Expanded)

- XIII. **Effects of graphene doping on shape stabilization, thermal energy storage and thermal conductivity properties of PolyHIPE/PEG composites**
Kahraman Doğuşçü D., SARI A., HEKİMOĞLU G.
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- XIV. **Simultaneous removal of polyaromatic hydrocarbons from water using polymer modified carbon**
Saleh T. A., SARI A., Tuzen M.
Biomass Conversion and Biorefinery, cilt.14, sa.1, ss.567-576, 2024 (SCI-Expanded)
- XV. **Activated carbon/expanded graphite hybrid structure for development of nonadecane based composite PCM with excellent shape stability, enhanced thermal conductivity and heat charging-discharging performance**
HEKİMOĞLU G., SARI A., Gencil O., Tyagi V., Sharma R.
THERMAL SCIENCE AND ENGINEERING PROGRESS, cilt.44, 2023 (SCI-Expanded)
- XVI. **Influential antimony removal from Aquatic Solution using Graphene Nanoplatelet/ *Staphylococcus aureus* as Novel Composite Adsorbent**
Rind I. K., SARI A., Tuzen M., Lanjwani M. F., Karaman I., Saleh T. A.
SURFACES AND INTERFACES, cilt.38, 2023 (SCI-Expanded)
- XVII. **The effect of limestone and bottom ash sand with recycled fine aggregate in foam concrete**
Gencil O., Balci B., Bayraktar O. Y., Nodehi M., SARI A., KAPLAN G., Hekimog G., Gholampour A., Benli A., Ozbakkaloglu T.
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- XVIII. **Comparative exergoeconomic analysis of single, two and three stage spray drying systems**
Singh G., Tyagi V., Pandey A., Goel V., SARI A.
Journal of Thermal Analysis and Calorimetry, cilt.147, sa.16, ss.8947-8968, 2022 (SCI-Expanded)
- XIX. **Activated carbon nanotube/polyacrylic acid/stearyl alcohol nanocomposites as thermal energy storage effective shape-stabilized phase change materials**
Goksu H., Aydinli E., HEKİMOĞLU G., SARI A., Gencil O., Subasi S., Tozluoglu A.
SURFACES AND INTERFACES, cilt.31, 2022 (SCI-Expanded)
- XX. **Glass fiber reinforced gypsum composites with microencapsulated PCM as novel building thermal energy storage material**
Gencil O., HEKİMOĞLU G., SARI A., Ustaoglu A., Subasi S., Marasli M., Erdogmus E., Memon S. A.
CONSTRUCTION AND BUILDING MATERIALS, cilt.340, 2022 (SCI-Expanded)
- XXI. **Factorial design, physical studies and rapid arsenic adsorption using newly prepared polymer modified perlite adsorbent**
Saleh T. A., Tuzen M., SARI A., ALTUNAY N.
Chemical Engineering Research and Design, cilt.183, ss.181-191, 2022 (SCI-Expanded)
- XXII. **A critical overview of upstream cultivation and downstream processing of algae-based biofuels: Opportunity, technological barriers and future perspective**
Ahmad S., Iqbal K., Kothari R., Singh H. M., SARI A., Tyagi V.
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- XXIII. **Effect of simultaneous & consecutive melting/solidification of phase change material on domestic solar water heating system**
Chopra K., Tyagi V., Pandey A., Popli S., Singh G., Sharma R., SARI A.
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- XXIV. **Investigation of physico-mechanical, thermal properties and solar thermoregulation performance of shape-stable attapulgite based composite phase change material in foam concrete**
Gencil O., Ustaoglu A., Benli A., HEKİMOĞLU G., SARI A., Erdogmus E., Sutcu M., KAPLAN G., Bayraktar O. Y.
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- XXV. **Utilization of waste apricot kernel shell derived-activated carbon as carrier framework for effective**

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HEKİMOĞLU G., SARI A., ÖNAL Y., Gencil O., Tyagi V., Aslan E.
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- XXVI. **Metal Oxide Nanoparticle Dispersed-Polyethylene Glycol: Thermal Conductivity and Thermal Energy Storage Properties**
Ouikhalfan M., HEKİMOĞLU G., SARI A., Gencil O., Tyagi V. V.
ENERGY & FUELS, cilt.36, sa.5, ss.2821-2832, 2022 (SCI-Expanded)
- XXVII. **Utilization of Chlorella pyrenoidosa for Remediation of Common Effluent Treatment Plant Wastewater in Coupling with Co-relational Study: An Experimental Approach**
Kothari R., Pandey A., Ahmad S., Singh H. M., Pathak V. V., Tyagi V. V., Kumar K., SARI A.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, cilt.108, sa.3, ss.507-517, 2022 (SCI-Expanded)
- XXVIII. **Thermal conductivity enhancement of silica fume based composite thermal energy storage material using different carbon nanomaterials**
HEKİMOĞLU G., SARI A., Gencil O., Tyagi V. V.
Energy and Buildings, cilt.257, 2022 (SCI-Expanded)
- XXIX. **Production and characterization of natural clay-free green building brick materials using water treatment sludge and oak wood ash**
Harja M., Gencil O., SARI A., Sutcu M., Erdogmus E., HEKİMOĞLU G.
ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING, cilt.22, sa.2, 2022 (SCI-Expanded)
- XXX. **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**
Tuzen M., SARI A., Afshar Mogaddam M. R., KAYA S., Katin K., ALTUNAY N.
Materials Chemistry and Physics, cilt.277, 2022 (SCI-Expanded)
- XXXI. **Cultivation of two Chlorella species in Open sewage contaminated channel wastewater for biomass and biochemical profiles: Comparative lab-scale approach**
Azam R., Kothari R., Singh H. M., Ahmad S., SARI A., Tyagi V.
Journal of Biotechnology, cilt.344, ss.24-31, 2022 (SCI-Expanded)
- XXXII. **Shape stabilized attapulgite/myristic-palmitic acid composite PCM for thermal energy storage implementations in buildings**
HEKİMOĞLU G., SARI A.
Materials Today: Proceedings, cilt.58, ss.1350-1353, 2022 (SCI-Expanded)
- XXXIII. **A review on phase change materials (PCMs) for thermal energy storage implementations**
HEKİMOĞLU G., SARI A.
MATERIALS TODAY : PROCEEDINGS, cilt.58, ss.8, 2022 (SCI-Expanded)
- XXXIV. **A comprehensive review on phase change materials for heat storage applications: Development, characterization, thermal and chemical stability**
Tyagi V., Chopra K., Sharma R., Pandey A., Tyagi S., Ahmad M. S., SARI A., Kothari R.
Solar Energy Materials and Solar Cells, cilt.234, 2022 (SCI-Expanded)
- XXXV. **Novel approach for harvesting of microalgal biomass using electric geyser waste material deposit as flocculant in coupling with poultry excreta leachate**
Singh H. M., Tyagi V. V., Kothari R., Azam R., Khare P., SARI A.
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- XXXVI. **Phase change material based advance solar thermal energy storage systems for building heating and cooling applications: A prospective research approach**
Tyagi V. V., Chopra K., Kalidasan B., Chauhan A., Strith U., Anand S., Pandey A. K., SARI A., Kothari R.
SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS, cilt.47, 2021 (SCI-Expanded)
- XXXVII. **Evaluation of poly(ethylene diamine-trimesoyl chloride)-modified diatomite as efficient adsorbent for removal of rhodamine B from wastewater samples**

- Saleh T. A., Tuzen M., SARI A.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, cilt.28, sa.39, ss.55655-55666, 2021 (SCI-Expanded)
- XXXVIII. **Carbonized waste hazelnut wood-based shape-stable composite phase change materials for thermal management implementations**
HEKİMOĞLU G., SARI A., Kar T., KELEŞ S., KAYGUSUZ K., YILDIRIM N., Tyagi V. V., Sharma R. K., Saleh T. A.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, cilt.45, sa.7, ss.10271-10284, 2021 (SCI-Expanded)
- XXXIX. **Experimental investigation of microalgal harvesting with low cost bottom ash: Influence of temperature and pH with zeta potential and thermodynamic function**
Ahmad S., Kothari R., Singh H. M., Tyagi V. V., Singh B., SARI A.
ENVIRONMENTAL TECHNOLOGY & INNOVATION, cilt.22, 2021 (SCI-Expanded)
- XL. **A comprehensive review on development of eutectic organic phase change materials and their composites for low and medium range thermal energy storage applications**
Singh P., Sharma R. K., Ansu A. K., Goyal R., SARI A., Tyagi V. V.
SOLAR ENERGY MATERIALS AND SOLAR CELLS, cilt.223, 2021 (SCI-Expanded)
- XLI. **Silica fume/capric acid-stearic acid PCM included-cementitious composite for thermal controlling of buildings: Thermal energy storage and mechanical properties**
HEKİMOĞLU G., NAS M., Ouikhalfan M., SARI A., Tyagi V., Sharma R., KURBETCİ Ş., Saleh T. A.
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- XLII. **Walnut shell derived bio-carbon/methyl palmitate as novel composite phase change material with enhanced thermal energy storage properties**
HEKİMOĞLU G., SARI A., Kar T., KELEŞ S., KAYGUSUZ K., Tyagi V., Sharma R., Al-Ahmed A., Al-Sulaiman F. A., Saleh T. A.
JOURNAL OF ENERGY STORAGE, cilt.35, 2021 (SCI-Expanded)
- XLIII. **Thermal management performance and mechanical properties of a novel cementitious composite containing fly ash/lauric acid-myristic acid as form-stable phase change material**
HEKİMOĞLU G., NAS M., Ouikhalfan M., SARI A., KURBETCİ Ş., Tyagi V. V., Sharma R. K., Saleh T. A.
CONSTRUCTION AND BUILDING MATERIALS, cilt.274, 2021 (SCI-Expanded)
- XLIV. **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**
Al-Ahmed A., Mazumder M. A. J., Salhi B., Sari A., Afzaal M., Al-Sulaiman F. A.
JOURNAL OF ENERGY STORAGE, cilt.35, 2021 (SCI-Expanded)
- XLV. **Facile synthesis of zinc oxide nanoparticles loaded activated carbon as an eco-friendly adsorbent for ultra-removal of malachite green from water**
Altıntig E., Yenigun M., SARI A., Altundag H., Tuzen M., Saleh T. A.
ENVIRONMENTAL TECHNOLOGY & INNOVATION, cilt.21, 2021 (SCI-Expanded)
- XLVI. **Phase change material impregnated wood for passive thermal management of timber buildings**
TEMİZ A., HEKİMOĞLU G., KÖSE DEMİREL G., SARI A., Mohamad Amini M. H.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, cilt.44, sa.13, ss.10495-10505, 2020 (SCI-Expanded)
- XLVII. **Evaluation of pumice for development of low-cost and energy-efficient composite phase change materials and lab-scale thermoregulation performances of its cementitious plasters**
SARI A., HEKİMOĞLU G., Tyagi V., Sharma R.
ENERGY, cilt.207, 2020 (SCI-Expanded)
- XLVIII. **Form-Stabilized Polyethylene Glycol/Palygorskite Composite Phase Change Material: Thermal Energy Storage Properties, Cycling Stability, and Thermal Durability**
SARI A., Ouikhalfan M., Chehouani H., HEKİMOĞLU G., BİÇER A., Al-Ahmed A., Al-Sulaiman F. A., Tyagi V. V.
POLYMER ENGINEERING AND SCIENCE, cilt.60, sa.5, ss.909-916, 2020 (SCI-Expanded)
- XLIX. **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**
Ansu A. K., Sharma R. K., Tyagi V. V., SARI A., Ganesan P., Tripathi D.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, cilt.44, sa.3, ss.2183-2195, 2020 (SCI-Expanded)
- L. **Low cost and eco-friendly wood fiber-based composite phase change material: Development,**

characterization and lab-scale thermoregulation performance for thermal energy storage

SARI A., HEKİMOĞLU G., Tyagi V. V.

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- LI. **Carbon nanotubes grafted with poly(trimesoyl, m-phenylenediamine) for enhanced removal of phenol**
Saleh T. A., SARI A., TÜZEN M.
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- LII. **Magnetic vermiculite-modified by poly(trimesoyl chloride-melamine) as a sorbent for enhanced removal of bisphenol A**
Saleh T. A., TÜZEN M., SARI A.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, cilt.7, sa.6, 2019 (SCI-Expanded)
- LIII. **Preparation and characterization of nano-enhanced myristic acid using metal oxide nanoparticles for thermal energy storage**
Oukhالفan M., SARI A., Chehouani H., Benhamou B., Bicer A.
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- LIV. **Experimental performance evaluation of a novel designed phase change material integrated manifold heat pipe evacuated tube solar collector system**
Chopra K., Tyagi V. V., Pathak A. K., Pandey A. K., SARI A.
ENERGY CONVERSION AND MANAGEMENT, cilt.198, 2019 (SCI-Expanded)
- LV. **Investigation of thermal properties and enhanced energy storage/release performance of silica fume/myristic acid composite doped with carbon nanotubes**
SARI A., Al-Ahmed A., BİÇER A., Al-Sulaiman F. A., HEKİMOĞLU G.
RENEWABLE ENERGY, cilt.140, ss.779-788, 2019 (SCI-Expanded)
- LVI. **Effects of carbon nanotubes additive on thermal conductivity and thermal energy storage properties of a novel composite phase change material**
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- LVII. **Efficacy of chemical shift MRI for differentiating diffuse red bone marrow reconversion and hematological malignancies**
Akman B., Ata Korkmaz H. A., SARI A.
TURKISH JOURNAL OF MEDICAL SCIENCES, cilt.49, sa.2, ss.644-652, 2019 (SCI-Expanded)
- LVIII. **Thermal energy storage characteristics of myristic acid-palmitic eutectic mixtures encapsulated in PMMA shell**
SARI A., BİÇER A., ALKAN C., Ozcan A. N.
SOLAR ENERGY MATERIALS AND SOLAR CELLS, cilt.193, ss.1-6, 2019 (SCI-Expanded)
- LIX. **Preparation, characterization, thermal energy storage properties and temperature control performance of form-stabilized sepiolite based composite phase change materials**
SARI A., Sharma R. K., HEKİMOĞLU G., Tyagi V. V.
ENERGY AND BUILDINGS, cilt.188, ss.111-119, 2019 (SCI-Expanded)
- LX. **Poly(styrene-co-maleic anhydride)-graft-fatty acids as novel solid-solid PCMs for thermal energy storage**
SARI A., BİÇER A., ALKAN C.
POLYMER ENGINEERING AND SCIENCE, cilt.59, 2019 (SCI-Expanded)
- LXI. **Preparation, characterization and evaluation of bio-based magnetic activated carbon for effective adsorption of malachite green from aqueous solution**
ALTINTIĞ E., Onaran M., SARI A., ALTUNDAĞ H., TÜZEN M.
MATERIALS CHEMISTRY AND PHYSICS, cilt.220, ss.313-321, 2018 (SCI-Expanded)
- LXII. **Global advancement on experimental and thermal analysis of evacuated tube collector with and without heat pipe systems and possible applications**
Chopra K., Tyagi V. V., Pandey A. K., SARI A.
APPLIED ENERGY, cilt.228, ss.351-389, 2018 (SCI-Expanded)

- LXIII. **Effects of carbon nanotubes additive on thermal conductivity and thermal energy storage properties of a novel composite phase change material**
SARI A., BİÇER A., HEKİMOĞLU G.
JOURNAL OF COMPOSITE MATERIALS, cilt.0, ss.1-14, 2018 (SCI-Expanded)
- LXIV. **Effective uranium biosorption by macrofungus (*Russula sanguinea*) from aqueous solution: equilibrium, thermodynamic and kinetic studies**
BAĞDA E., SARI A., TÜZEN M.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.317, sa.3, ss.1387-1397, 2018 (SCI-Expanded)
- LXV. **Thermodynamics and Kinetics of Biosorption of Vanadium with Macrofungus (*Hypholoma fasciculare*) and Determination by GFAAS**
BAĞDA E., TÜZEN M., SARI A., Shemsi A. M., Bukhari A. A.
ATOMIC SPECTROSCOPY, cilt.39, sa.4, ss.170-177, 2018 (SCI-Expanded)
- LXVI. **Silica fume/capric acid-palmitic acid composite phase change material doped with CNTs for thermal energy storage**
SARI A., BİÇER A., Al-Ahmed A., Al-Sulaiman F. A., Zahir M. H., Mohamed S. A.
SOLAR ENERGY MATERIALS AND SOLAR CELLS, cilt.179, ss.353-361, 2018 (SCI-Expanded)
- LXVII. **Polyamide magnetic palygorskite for the simultaneous removal of Hg(II) and methyl mercury; with factorial design analysis**
Saleh T. A., TÜZEN M., SARI A.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, cilt.211, ss.323-333, 2018 (SCI-Expanded)
- LXVIII. **Diatomite/CNTs/PEG composite PCMs with shape-stabilized and improved thermal conductivity: Preparation and thermal energy storage properties**
SARI A., BİÇER A., Al-Sulaiman F. A., KARAIPEKLİ A., Tyagi V. V.
ENERGY AND BUILDINGS, cilt.164, ss.166-175, 2018 (SCI-Expanded)
- LXIX. **Novel approaches and recent developments on potential applications of phase change materials in solar energy**
Pandey A. K., Hossain M. S., Tyagi V. V., Abd Rahim N., Selvaraj J. A. L., SARI A.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, cilt.82, ss.281-323, 2018 (SCI-Expanded)
- LXX. **Response surface optimization, kinetic and thermodynamic studies for effective removal of rhodamine B by magnetic AC/CeO₂ nanocomposite**
TÜZEN M., SARI A., Saleh T. A.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, cilt.206, ss.170-177, 2018 (SCI-Expanded)
- LXXI. **Microencapsulated n-alkane eutectics in polystyrene for solar thermal applications**
DÖĞÜŞCÜ D. K., Kizil C., BİÇER A., SARI A., ALKAN C.
SOLAR ENERGY, cilt.160, ss.32-42, 2018 (SCI-Expanded)
- LXXII. **Preparation, Characterization and Thermal Energy Storage Properties of Micro/Nano Encapsulated Phase Change Material with Acrylic-Based Polymer**
SARI A., ALKAN C., Bilgin C., BİÇER A.
POLYMER SCIENCE SERIES B, cilt.60, sa.1, ss.58-68, 2018 (SCI-Expanded)
- LXXIII. **Preparation, characterization and thermal regulation performance of cement based-composite phase change material**
SARI A., BİÇER A., KARAIPEKLİ A., Al-Sulaiman F. A.
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- LXXIV. **Application of chitosan-modified pumice for antimony adsorption from aqueous solution**
SARI A., TÜZEN M., Kocal I.
ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, cilt.36, sa.6, ss.1587-1596, 2017 (SCI-Expanded)
- LXXV. **Polystyrene microcapsules with palmitic-capric acid eutectic mixture as building thermal energy storage materials**
DÖĞÜŞCÜ D. K., Altmtas A., SARI A., ALKAN C.
ENERGY AND BUILDINGS, cilt.150, ss.376-382, 2017 (SCI-Expanded)
- LXXVI. **Equilibrium, thermodynamic and kinetic investigations for biosorption of uranium with green algae**

(Cladophora hutchinsiae)

BAĞDA E., TÜZEN M., SARI A.

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