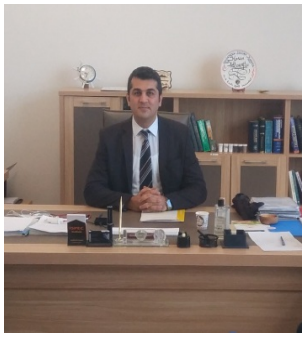
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Education Information

2009 - 2016	Doctorate, Firat University, Institute Of Science, Turkey
2005 - 2008	Postgraduate, Firat University, Institute Of Science, Turkey
2001 - 2005	Undergraduate, Firat University, Faculty Of Engineering, Department Of Chemistry Engineering, Turkey

Dissertations

2016	Şlempe ve Cibreden yavaş salınımlı potasyum-struvit gübresi üretimi için bir proses geliştirilmesi, Firat University, Institute Of Science, Doctorate
2008	Sitrik ve fosforik asitlerle modifiye edilen şeker pancarı küspesinin sulu şerbetten katyonların ve renkli maddelerin giderilmesinde kullanılması, Firat University, Institute Of Science, Postgraduate

Research Areas

Agricultural Sciences, Soil and Plant Feed, Soil Fertility, Acidity, Alkanility, Environmental Chemistry, Waste Water Collection and Treatment, Environmental Impact Assessment, Environmental Health and Safety, Environmental Management, Ecology and Pollution, Industrial and Hazardous Waste Management, Solid Waste Engineering and Management, Pollution Prevention and Waste Reduction, Water Pollution and Control, Water Supply and Treatment, Hazardous Waste Management, Soil and Groundwater Pollution and Control, Polymer Technology, Environmental Chemistry and Technology, Organic Technologies, Fuels and Combustion Technology, Thermodynamics, Separation Operations, Pyrometallurgy, Recycling Processes, Hydrometallurgy, Natural Sciences

Academic Titles / Tasks

2021 - Continues	Associate Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Kimya Mühendisliği
2020 - 2021	Associate Professor, Kirşehir Ahi Evran University, Faculty Of Engıneerıng-Archıtecture
2019 - 2020	Assistant Professor, Kirşehir Ahi Evran University, Faculty Of Engıneerıng-Archıtecture
2010 - 2019	Research Assistant, Firat University, Faculty Of Engıneerıng, Department Of Chemıstry Engıneerıng

Academic and Administrative Experience

2021 - 2021	Rektörlük Stratejik Plan Komisyonu Üyesi, Kirşehir Ahi Evran University, Faculty Of Engıneerıng-Archıtecture
2020 - 2021	Birim Kalite Komisyonu Başkanı, Kirşehir Ahi Evran University, Faculty Of Engıneerıng-Archıtecture
2020 - 2021	Fakülte Kurulu Üyesi, Kirşehir Ahi Evran University, Faculty Of Engıneerıng-Archıtecture
2020 - 2021	Vice Dean, Kirşehir Ahi Evran University, Faculty Of Engıneerıng-Archıtecture
2020 - 2021	Head of Department, Kirşehir Ahi Evran University, Faculty Of Engıneerıng-Archıtecture

Courses

2021 - 2022	Elektrokimyasal Teknolojiler, Undergraduate
2021 - 2022	Mühendislik Ekonomisi, Undergraduate
2021 - 2022	Seminer, Doctorate
2021 - 2022	Yağ Teknolojisi, Postgraduate
2021 - 2022	Yeşil Kimya ve Üretim Teknolojisi, Postgraduate
2021 - 2022	Su Teknolojisi, Doctorate
2021 - 2022	Aygıt Tasarımı, Undergraduate
2021 - 2022	Seminer, Postgraduate
2020 - 2021	Sayısal Çözümleme Yöntemleri, Undergraduate
2020 - 2021	Yüksek Lisans Uzmanlık Alanı Dersi, Postgraduate
2021 - 2022	Bilgisayar Modelleme ve Benzetim Laboratuvarı, Undergraduate
2021 - 2022	Proje Yazımı ve Akademik Sunum Teknikleri, Doctorate
2020 - 2021	Yüksek Lisans Tezi, Postgraduate
2021 - 2022	Endüstriyel Atıksuların Arıtılması, Doctorate
2020 - 2021	Sayısal Hesaplama, Undergraduate
2021 - 2022	Kimya Mühendisliğinde Matematiksel Modelleme, Undergraduate
2020 - 2021	Bilim ve Mühendislik, Undergraduate
2021 - 2022	Endüstriyel Kolloid Sistemler, Postgraduate
2020 - 2021	Ağır Metal Giderim Mekanizmaları, Postgraduate
2020 - 2021	Endüstriyel Kirlenme Kontrolü, Postgraduate
2020 - 2021	Kimya, Undergraduate
2020 - 2021	Kompozit Malzemeler, Undergraduate

Advising Theses

Continues	Arslanoğlu H., Postgraduate, A.Vuran(Student), Gübre Sanayinde Potasyum Nitrat Üretimi için Jel ve Makroporöz Tipi İyon Değiştirici Reçinelerin Kullanılımının Araştırılması
Continues	Arslanoğlu H., Postgraduate, E.Demirci(Student), Potasyum Nitrat Üretiminde Ticari İyon Değiştirici Reçinelerin Etkilerinin Araştırılması

2019	Arslanoğlu H., Yılmaz M., Postgraduate, E.ŞEYMA(Student), Cibre ve şlempeden elde edilen aktif karbonun bitüm katkı maddesi olarak kullanılabilirliğinin araştırılması
2019	Arslanoğlu H., Yaraş A., Postgraduate, O.ALPASLAN(Student), Kullanılmış Co-Mo-/Al2O3 katalizörünün kompleksleştirici EDTA varlığında çözünme şartlarının ve kinetiğinin incelenmesi

Jury Memberships

January 2021	Post Graduate, Post Graduate, Fırat Üniversitesi

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Influential Biosorption of Lead Ions from Aqueous Solution Using Sand Leek (Allium Scorodoprasum L.) Biomass: Kinetic and Isotherm Study**
Şenol Z. M., Arslanoğlu H.
BIOMASS CONVERSION AND BIOREFINERY, vol.17, pp.1-15, 2024 (SCI-Expanded)

II. **High-efficiency recycling of Mo and Ni from spent HDS catalysts: Enhanced oxidation with O2-rich roasting and selective separation with organic acid leaching- complexation extraction**
Yu H., Liu C., Liu S., Gu Y., Wang S., Yaraş A., Hu L., Zhang W., Peng M., ARSLANOĞLU H., et al.
Journal of Hazardous Materials, vol.464, 2024 (SCI-Expanded)

III. **Production and characterization of gum exudate from apricot tree: modeling the rheology of the obtained extract**
Karatas M., AYDOĞMUŞ E., ARSLANOĞLU H.
PIGMENT & RESIN TECHNOLOGY, vol.53, no.2, pp.183-191, 2024 (SCI-Expanded)

IV. **Enhancing Mo leaching efficiency from spent catalyst via Fenton-like oxidation process: A comprehensive investigation of leaching effects, mechanism and environmental impacts**
Yu H., Liu S., Yaraş A., Hu L., Zhang W., Peng M., ARSLANOĞLU H., Huang Q., Oyuntsetseg B., Gao B., et al.
Chemical Engineering Journal, vol.480, 2024 (SCI-Expanded)

V. **Effects of molecular weight of polyethylene glycol with size and ratio of fumed silica on rheological behavior of shear thickening fluid**
Yanen C., Solmaz M. Y., Aydoğmuş E., Arslanoğlu H.
Materials Chemistry and Physics, vol.312, pp.1-13, 2024 (SCI-Expanded)

VI. **Recovery of Potassium from Pyrolysis Product of Sugar Fabrication Waste Carbonation Cake and Vinasse Mixture and Production of Adsorbent for Wastewater Treatment**
Türk F. N., ARSLANOĞLU H.
Sugar Tech, 2024 (SCI-Expanded)

VII. **Production and characterization of microsphere reinforced polyester composite: Modeling of thermal decomposition with ANN and optimization studies by RSM**
Aydoğmuş E., Aydın M., ARSLANOĞLU H.
Petroleum Science and Technology, vol.42, no.12, pp.1505-1521, 2024 (SCI-Expanded)

VIII. **Synthesis of magnetic activated carbon from industrial waste: characterization, tetracycline removal and interpretation of its mechanism**
Sağlam S., Türk F. N., ARSLANOĞLU H.
Biomass Conversion and Biorefinery, 2024 (SCI-Expanded)

IX. **Electrochemical Detection of Uric Acid Based on a Carbon Paste Electrode Modified with Ta2O5 Recovered from Ore by a Novel Method**
Rajendrachari S., ARSLANOĞLU H., Yaras A., Golabhanvi S. M.
ACS Omega, vol.8, no.49, pp.46946-46954, 2023 (SCI-Expanded)

X. **Synthesis of High Porous Carbon from Grape Marc-Vinasse Mixture: Investigation on Tetracycline and Ciprofloxacin Removal Performance and Adsorption Mechanism**
Onat B., Türk F. N., Arslanoğlu H.

BIOMASS CONVERSION AND BIOREFINERY, no.3, pp.1-12, 2023 (SCI-Expanded)

XI. **Use and Applications of Metal-Organic Frameworks (MOF) in Dye Adsorption: Review**
Sağlam S., Türk F. N., Arslanoğlu H.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.11, no.5, pp.1-25, 2023 (SCI-Expanded)

XII. **Releases of Metal Bound Modified Sugar Beet Pulp (Me2+MSBP) Using Various Aqueous Solutions: Its Use as Slow Release Fertilizer**
Türk F. N., Arslanoğlu H.
BIOMASS CONVERSION AND BIOREFINERY, vol.13, no.11, pp.1-11, 2023 (SCI-Expanded)

XIII. **Diatomite Reinforced Modified Safflower Oil-Based Epoxy Biocomposite Production: Optimization with RSM and Assessment of Outcomes by ANN**
Dağ M., Aydoğmuş E., Yalçın Z. G., Arslanoğlu H.
MATERIALS TODAY COMMUNICATIONS, vol.35, pp.1-12, 2023 (SCI-Expanded)

XIV. **Effects of Molecular Weight of Polyethylene Glycol and Nano Silica Size/Ratio on Rheological Behaviors of Shear Thickening Fluids**
Yanen C., Solmaz M. Y., Aydoğmuş E., Arslanoğlu H.
COLLOID AND POLYMER SCIENCE, vol.301, pp.1-11, 2023 (SCI-Expanded)

XV. **Characterization of Sugar Beet Pulp Modified with Phosphoric Acid and its Use in Removal of Colored Matters and Cations from Thin Sugar Juice**
Türk F. N., Arslanoğlu H., Tümen F.
SUGAR TECH, no.15, pp.1-9, 2023 (SCI-Expanded)

XVI. **Investigation of Performance and Emission Values of Biodiesel Fuels Produced by Adding Zno Nanoparticles as Additives to Waste Sunflower and Köhnü Grape Seed Oil**
Uyar M. M., Demirpolat A. B., Arslanoğlu H.
COLLOID AND POLYMER SCIENCE, vol.15, pp.1-11, 2023 (SCI-Expanded)

XVII. **Thermal conversion behavior of paper mill sludge: characterization, kinetic, and thermodynamic analyses**
Yaras A., DEMİREL B., AKKURT F., Arslanoglu H.
BIOMASS CONVERSION AND BIOREFINERY, vol.13, no.3, pp.2007-2016, 2023 (SCI-Expanded)

XVIII. **Use of activated carbon obtained from waste vine shoots in nickel adsorption in simulated stomach medium**
Caliskan C. E., Ciftci H., Ciftci T., Kariptas E., ARSLANOĞLU H., Erdem M.
BIOMASS CONVERSION AND BIOREFINERY, vol.13, no.3, pp.2391-2400, 2023 (SCI-Expanded)

XIX. **Recycling of Labada (Rumex) biowaste as a value-added biosorbent for rhodamine B (Rd-B) wastewater treatment: biosorption study with experimental design optimisation**
Senol Z. M., Centinkaya S., ARSLANOĞLU H.
BIOMASS CONVERSION AND BIOREFINERY, vol.13, no.3, pp.2413-2425, 2023 (SCI-Expanded)

XX. **Modification of grape pulp with citric acid for the production of natural ion exchanger resin and removal of Pb (II) and Cd (II) from aqueous solutions: kinetic, thermodynamics, and mechanism**
Arslanoglu E., Eren M. S. A., Arslanoglu H., Ciftci H.
BIOMASS CONVERSION AND BIOREFINERY, vol.13, no.3, pp.2349-2362, 2023 (SCI-Expanded)

XXI. **Fabrication, characterization, and adsorption applications of low-cost hybride activated carbons from peanut shell-vinasse mixtures by one-step pyrolysis**
Arslanoglu E., Eren M. S. A., Arslanoglu H., Ciftci H.
BIOMASS CONVERSION AND BIOREFINERY, vol.13, no.3, pp.2321-2335, 2023 (SCI-Expanded)

XXII. **Thermal decomposition kinetics of synthesized poly(N-isopropylacrylamide) and Fe3O4 coated nanocomposite: Evaluation of calculated activation energy by RSM**
Pekdemir E., Aydoğmuş E., ARSLANOĞLU H.
Petroleum Science and Technology, 2023 (SCI-Expanded)

XXIII. **Synthesis of high porous carbon from grape marc-vinasse mixture: investigation on tetracycline and ciprofloxacin removal performance and adsorption mechanisms**
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Biomass Conversion and Biorefinery, 2023 (SCI-Expanded)

XXIV. **Application of Activated Carbon Obtained from Waste Vine Shoots for Removal of Toxic Level Cu(II) and Pb(II) in Simulated Stomach Medium**
Çiftçi H., Çalışkan Ç. E., Içtüzer Y., Arslanoğlu H.
BIOMASS CONVERSION AND BIOREFINERY, vol.17, pp.1-13, 2023 (SCI-Expanded)

XXV. **Releases of metal bound modified sugar beet pulp (Me2+MSBP) using various aqueous solutions: its use as slow release fertilizer**
Türk F. N., ARSLANOĞLU H.
Biomass Conversion and Biorefinery, 2023 (SCI-Expanded)

XXVI. **Investigation of Rheological Behavior of Produced HSTF and Evaluation of Energy Dissipation Performance by Application to Twaron Fabric**
Yanen C., Solmaz M. Y., Aydoğmuş E., Arslanoğlu H.
COLLOID AND POLYMER SCIENCE, vol.301, pp.1-12, 2022 (SCI-Expanded)

XXVII. **Cleaner Production of Polyurethane (PU) Foams Through use of Hydrodesulfurization (HDS) Spent Catalyst**
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ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, no.5, pp.1-10, 2022 (SCI-Expanded)

XXVIII. **Removal of Basic Yellow 51 Dye by Using Ion Exchange Resin Obtained by Modification of Byproduct Sugar Beet Pulp**
Türk F. N., Çiftçi H., Arslanoğlu H.
SUGAR TECH, vol.24, no.5, pp.1-11, 2022 (SCI-Expanded)

XXIX. **Carbonation sludge reinforced LDPE composites: flame-retardant, dynamic mechanical properties, thermal degradation behaviors**
Yaras A., DEMİREL B., AKKURT F., Arslanoglu H.
POLYMER BULLETIN, vol.79, no.8, pp.6475-6496, 2022 (SCI-Expanded)

XXX. **Production and Characterization of Gum Exudate from Apricot Tree: Modelling the Rheology of the Obtained Extract**
Karataş M., Aydoğmuş E., Arslanoğlu H.
PIGMENT AND RESIN TECHNOLOGY, vol.51, pp.1-8, 2022 (SCI-Expanded)

XXXI. **Production of Hollow Inorganic Microsphere Reinforced Polyester Composite and Investigation of Its Thermophysical Properties**
Aydoğmuş E., Aydın M., Arslanoğlu H.
PETROLEUM SCIENCE AND TECHNOLOGY, no.19, pp.1-8, 2022 (SCI-Expanded)

XXXII. **Investigation of Thermophysical Properties of Synthesized SA and Nano-alumina Reinforced Polyester Composites**
Şahal H., Aydoğmuş E., Arslanoğlu H.
PETROLEUM SCIENCE AND TECHNOLOGY, vol.20, pp.1-10, 2022 (SCI-Expanded)

XXXIII. **Extraction of Copper, Cobalt and Nickel by Leaching of Iron (III) Sulfate from Copper Slags**
ARSLANOĞLU H., Altundogan H. S., Tumen F.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, vol.75, no.7, pp.1759-1766, 2022 (SCI-Expanded)

XXXIV. **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**
SARI A., HEKİMOĞLU G., Karabayır Y., Sharma R., ARSLANOĞLU H., Gencel O., Tyagi V.
Energy, vol.247, 2022 (SCI-Expanded)

XXXV. **Synthesis and characterization of EPS reinforced modified castor oil-based epoxy biocomposite**
Aydoğmuş E., Dağ M., Yalçın Z. G., ARSLANOĞLU H.
Journal of Building Engineering, vol.47, 2022 (SCI-Expanded)

XXXVI. **Synthesis and Characterization of Waste Polyethylene Reinforced Modified Castor Oil Based Polyester Biocomposite**
Aydoğmuş E., Dağ M., Yalçın Z. G., Arslanoğlu H.

JOURNAL OF APPLIED POLYMER SCIENCE, pp.1-14, 2022 (SCI-Expanded)

XXXVII. **Biodiesel Fuels Produced from Poppy and Canola Oils, Experimental Investigation of the Performance and Emission Values of the Samples Obtained by Adding New Types of Nanoparticles**
Demirpolat A. B., Uyar M. M., Arslanoğlu H.
Petroleum Chemistry, vol.62, no.4, pp.1-11, 2022 (SCI-Expanded)

XXXVIII. **Isothermal and non-isothermal drying behavior for grape (Vitis vinifera) by new improved system: exergy analysis, RSM, and modeling**
Aydogmus E., Demirpolat A. B., ARSLANOĞLU H.
BIOMASS CONVERSION AND BIOREFINERY, vol.12, no.2, pp.527-536, 2022 (SCI-Expanded)

XXXIX. **Drying behavior for Ocimum basilicumLamiaceae with the new system: exergy analysis and RSM modeling**
Demirpolat A. B., Aydogmus E., ARSLANOĞLU H.
BIOMASS CONVERSION AND BIOREFINERY, vol.12, no.2, pp.515-526, 2022 (SCI-Expanded)

XL. **Porous biochar/heptadecane composite phase change material with leak-proof, high thermal energy storage capacity and enhanced thermal**
Hekimo G., SARI A., Arunachalam S., Arslano H., Gencel O.
POWDER TECHNOLOGY, vol.394, pp.1017-1025, 2021 (SCI-Expanded)

XLI. **Production of waste polyethylene terephthalate reinforced biocomposite with RSM design and evaluation of thermophysical properties by ANN**
Aydogmus E., ARSLANOĞLU H., Dag M.
JOURNAL OF BUILDING ENGINEERING, vol.44, 2021 (SCI-Expanded)

XLII. **Photocatalytic Reduction of Cr(VI) from Aqueous Solutions with Formic Acid in the Presence of Bauxite: Kinetics and Mechanism**
Arslanoglu H., Altundogan H. S., Tumen F.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, vol.74, no.12, pp.3075-3084, 2021 (SCI-Expanded)

XLIII. **Investigation of thermo-mechanical characteristics of borax reinforced polyester composites**
Orhan R., Aydogmus E., Topuz S., Arslanoglu H.
JOURNAL OF BUILDING ENGINEERING, vol.42, 2021 (SCI-Expanded)

XLIV. **Use of sulfuric acid-carbonization materials from grape pulp for the removal of hexavalent chromium (Cr(VI)): mechanism and characterization**
Arslanoglu H., Ciftci H.
INTERNATIONAL JOURNAL OF PHYTOREMEDIATION, vol.23, no.11, pp.1145-1156, 2021 (SCI-Expanded)

XLV. **Kinetics of thermal decomposition of the polyester nanocomposites**
Aydogmus E., Arslanoglu H.
PETROLEUM SCIENCE AND TECHNOLOGY, vol.39, no.13-14, pp.484-500, 2021 (SCI-Expanded)

XLVI. **Recovery of molybdenum, cobalt and nickel from spent hydrodesulphurization catalyst through oxidizing roast followed by sodium persulfate leaching**
Arslanoglu H., Yaras A.
SUSTAINABLE MATERIALS AND TECHNOLOGIES, vol.28, 2021 (SCI-Expanded)

XLVII. **Potassium struvite (slow release fertilizer) and activated carbon production: Resource recovery from vinasse and grape marc organic waste using thermal processing**
Arslanoglu H., Tumen F.
PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, vol.147, pp.1077-1087, 2021 (SCI-Expanded)

XLVIII. **Production of low-cost adsorbent with small particle size from calcium carbonate rich residue carbonatation cake and their high performance phosphate adsorption applications**
Arslanoglu H.
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, vol.11, pp.428-447, 2021 (SCI-Expanded)

XLIX. **Selective Recovery of Molybdenum from Petroleum Industry Waste Spent Hydrodesulfurization Mo-Co-Ni/Al2O3 Catalyst in the Presence of Ammonia: Process Optimization and Kinetic Studies**
Arslanoglu H.
PETROLEUM CHEMISTRY, vol.61, no.2, pp.198-205, 2021 (SCI-Expanded)

L. **Production of microporous Cu-doped BTC (Cu-BTC) metal-organic framework composite materials, superior adsorbents for the removal of methylene blue (Basic Blue 9)**
Eren M. S. A., Arslanoglu H., Ciftci H.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.8, no.5, 2020 (SCI-Expanded)

LI. **Cr(VI) adsorption on low-cost activated carbon developed from grape marc-vinasse mixture**
Arslanoglu H., Kaya S., Tumen F.
PARTICULATE SCIENCE AND TECHNOLOGY, vol.38, no.6, pp.768-781, 2020 (SCI-Expanded)

LII. **A Kinetic Model for Chelating Extraction of Metals from Spent Hydrodesulphurization Catalyst by Complexing Agent**
Alpaslan O., Yaras A., Arslanoglu H.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, vol.73, no.7, pp.1925-1937, 2020 (SCI-Expanded)

LIII. **Application of Response Surface Methodology for the Optimization of Copper Removal from Aqueous Solution by Activated Carbon Prepared Using Waste Polyurethane**
Arslanoglu H., Orhan R., Turan M. D.
ANALYTICAL LETTERS, vol.53, no.9, pp.1343-1365, 2020 (SCI-Expanded)

LIV. **Effect of activated carbon obtained from vinasse and marc on the rheological and mechanical characteristics of the bitumen binders and hot mix asphalts**
Seyrek E. S., Yalcin E., Yilmaz M., Kok B. V., Arslanoglu H.
CONSTRUCTION AND BUILDING MATERIALS, vol.240, 2020 (SCI-Expanded)

LV. **Chalcopyrite Leaching with Hydrogen Peroxide in Formic Acid Medium**
Arslanoglu H., Yaras A.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, vol.73, no.3, pp.785-792, 2020 (SCI-Expanded)

LVI. **Utilization of paper mill sludge for removal of cationic textile dyes from aqueous solutions**
Yaras A., Arslanoglu H.
SEPARATION SCIENCE AND TECHNOLOGY, vol.54, no.16, pp.2555-2566, 2019 (SCI-Expanded)

LVII. **Extraction of selected metals from spent hydrodesulfurization catalyst using alkali leaching agent**
Yaras A., Arslanoglu H.
SEPARATION SCIENCE AND TECHNOLOGY, vol.55, no.11, pp.2037-2048, 2019 (SCI-Expanded)

LVIII. **Recovery of precious metals from spent Mo-Co-Ni/Al2O3 catalyst in organic acid medium: Process optimization and kinetic studies**
Arslanoglu H., Yaras A.
PETROLEUM SCIENCE AND TECHNOLOGY, vol.37, no.19, pp.2081-2093, 2019 (SCI-Expanded)

LIX. **Direct and facile synthesis of highly porous low cost carbon from potassium-rich wine stone and their application for high-performance removal**
Arslanoglu H.
JOURNAL OF HAZARDOUS MATERIALS, vol.374, pp.238-247, 2019 (SCI-Expanded)

LX. **Adsorption of micronutrient metal ion onto struvite to prepare slow release multielement fertilizer: Copper(II) doped-struvite**
Arslanoglu H.
CHEMOSPHERE, vol.217, pp.393-401, 2019 (SCI-Expanded)

LXI. **Valorization of Paper Mill Sludge as Adsorbent in Adsorption Process of Copper (II) Ion from Synthetic Solution: Kinetic, Isotherm and Thermodynamic Studies**
Yaras A., Arslanoglu H.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.43, no.5, pp.2393-2402, 2018 (SCI-Expanded)

LXII. **Leaching behaviour of low-grade copper ore in the presence of organic acid**
Yaras A., Arslanoglu H.
CANADIAN METALLURGICAL QUARTERLY, vol.57, no.3, pp.319-327, 2018 (SCI-Expanded)

LXIII. **Cd and Nutrient Elements Release into Various Aqueous Solutions from Synthesized K-Struvite Fertilizer**
Arslanoglu H., Tumen F.
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.49, no.17, pp.2175-2188, 2018 (SCI-Expanded)

LXIV. **Facile synthesis of 2D Zn(II) coordination polymer and its crystal structure, selective removal of methylene blue and molecular simulations**
Sezer G. G., YEŞİLEL O. Z., Sahin O., Arslanoglu H., Erucar I.
JOURNAL OF MOLECULAR STRUCTURE, vol.1143, pp.355-361, 2017 (SCI-Expanded)

LXV. **Optimization of the leaching conditions of chalcopyrite concentrate using ammonium persulfate in an autoclave system**
Turan M. D., Arslanoglu H., Altundogan H. S.
JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS, vol.50, pp.49-55, 2015 (SCI-Expanded)

LXVI. **A study on cations and color removal from thin sugar juice by modified sugar beet pulp**
Arslanoglu H., Tumen F.
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, vol.49, no.3, pp.319-327, 2012 (SCI-Expanded)

LXVII. **Heavy metals binding properties of esterified lemon**
Arslanoglu H., Altundogan H. S., Tumen F.
JOURNAL OF HAZARDOUS MATERIALS, vol.164, no.2-3, pp.1406-1413, 2009 (SCI-Expanded)

LXVIII. **Preparation of cation exchanger from lemon and sorption of divalent heavy metals**
Arslanoglu H., Altundogan H. S., Tumen F.
BIORESOURCE TECHNOLOGY, vol.99, no.7, pp.2699-2705, 2008 (SCI-Expanded)

Articles Published in Other Journals

I. **Determination of thermophysical properties of Ficus elastica leaves reinforced epoxy composite**
Buran A., Durğun M. E., Aydoğmuş E., Arslanoğlu H.
FIRAT UNIVERSITY JOURNAL OF EXPERIMENTAL AND COMPUTATIONAL ENGINEERING, vol.4, pp.1-8, 2023 (Peer-Reviewed Journal)

II. **A review on the removal of viruses by adsorption**
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II. **Potasyum Struvit Eldesi, Karakterizasyonu ve Çeşitli Ortamlarındaki Çözünürlük Özelliklerinin İncelenmesi**
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Supported Projects

2021 - 2022	13.Magnezyum Bileşiklerinden Potasyum Struvit Eldesi Karakterizasyonu ve Çeşitli Sulu Çözelti Ortamlarındaki Çözünürlük Özelliklerinin İncelenmesi, Project Supported by Higher Education Institutions
2021 - 2022	14. Üzüm Cibresinden Aktif Karbon Elde Edilmesinde Aktivatör Olarak Şarap Taşı Kullanılması, Project Supported by Higher Education Institutions
2021 - 2022	12. Entegre İyon Değiştirici Prosesi Kullanılarak Potasyum Nitrat ve Amonyum Klorür Üretimi Prosesi, Company
2019 - 2021	11. Organik ve İnorganik Takviyeli Polyester Esaslı Kompozit Üretimi ve Özelliklerinin Belirlenmesi, Project Supported by Higher Education Institutions
2018 - 2019	10. Cibre ve Şlempeden Elde Edilen Aktif Karbonun Bitüm Katkı Maddesi Olarak Kullanılabilirliğinin Araştırılması, Project Supported by Higher Education Institutions
2017 - 2019	9. Atık ve Kullanılmamış Bitkisel Yağlardan Elde Edilen Poliol ile Poliüretan Üretimi, TUBITAK Project
2017 - 2018	8. Organik Asit Kullanılarak Oksitli Bakır Cevherinin Çözünme Kinetiğinin İncelenmesi, Project Supported by Higher Education Institutions
2013 - 2018	7. Şlempe-Cibre Karışımlarından Elde Edilen Aktif Karbonun Sulu Çözeltilerden Cr(VI) Adsorpsiyonunda Kullanılması, Project Supported by Higher Education Institutions
2015 - 2016	6. Yavaş Salınımlı Fosforlu Gübrelerin Çözünürlüklerinin İncelenmesi, TUBITAK Project
2014 - 2016	5. Tarımsal Artıkların Sülfürik Asitle Karbonizasyon Ürünlerinin Atıksulardan Cr(VI) Giderilmesinde Kullanılması, Project Supported by Higher Education Institutions
2013 - 2016	TUBITAK Project
2012 - 2016	3. Potasyum Struvit Eldesi, Ağır Metallerle Kontaminasyonu ve Çeşitli Ortamlardaki Çözünürlük Özelliklerinin Belirlenmesi, Project Supported by Higher Education Institutions
2006 - 2009	2. Basınç Liçi Yöntemi ve Etkin Yükseltgenler Kullanılarak Kalkopirit Konsantresinden Bakırın Ekstraksiyonu, TUBITAK Project
2006 - 2008	Project Supported by Higher Education Institutions

Activities in Scientific Journals

2020 - Continues	Journal of Chemical Engineering Research Updates, Publication Committee Member
2020 - Continues	SCIREA Journal of Chemical Engineering, Publication Committee Member
2020 - Continues	Advances in Materials, Publication Committee Member
2019 - Continues	MedRead Journal of Chemistry, Publication Committee Member
2019 - Continues	Integrative Journal of Chemistry, Publication Committee Member
2019 - Continues	SF Journal of Agricultural and Crop Management, Publication Committee Member
2019 - Continues	Nutrition, Dietetics & Nutraceuticals, Publication Committee Member

Memberships / Tasks in Scientific Organizations

2004 - Continues	TMMOB Kimya Mühendisleri Odası, Member

Scientific Refereeing

March 2024	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, SCI Journal
March 2024	RENEWABLE AND SUSTAINABLE ENERGY REVIEWS, SCI Journal
March 2024	THE SCIENCE OF THE TOTAL ENVIRONMENT AN INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH INTO THE ENVIRONMENT AND ITS RELATIONSHIP WITH MAN, SCI Journal
March 2024	FOOD BIOSCIENCE, SCI Journal
March 2024	JOURNAL OF FOOD ENGINEERING, SCI Journal
March 2024	COLLOIDS AND SURFACES A: PHYSICOCHEMICAL AND ENGINEERING ASPECTS, SCI Journal
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March 2024	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY, SCI Journal
March 2024	COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, SCI Journal
March 2024	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
March 2024	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
February 2024	JOURNAL OF HAZARDOUS MATERIALS MANAGEMENT - HANDLING - DISPOSAL - RISK - ASSESSMENT, SCI Journal
February 2024	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
February 2024	IRANIAN POLYMER JOURNAL (ENGLISH EDITION), SCI Journal
February 2024	THE SCIENCE OF THE TOTAL ENVIRONMENT AN INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH INTO THE ENVIRONMENT AND ITS RELATIONSHIP WITH MAN, SCI Journal
February 2024	JOURNAL OF FOOD ENGINEERING, SCI Journal
February 2024	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY, SCI Journal
February 2024	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
February 2024	RENEWABLE ENERGY, SCI Journal
February 2024	HAZARDOUS WASTE AND HAZARDOUS MATERIALS, SCI Journal
February 2024	SUSTAINABLE CITIES AND SOCIETY, SCI Journal
February 2024	Journal of Sustainable Metallurgy, SCI Journal
February 2024	CHEMICAL ENGINEERING JOURNAL, SCI Journal
February 2024	FOOD BIOSCIENCE, SCI Journal
February 2024	JOURNAL OF CLEANER PRODUCTION, SCI Journal
January 2024	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
January 2024	JOURNAL OF HAZARDOUS, TOXIC, AND RADIOACTIVE WASTE, SCI Journal
January 2024	RENEWABLE ENERGY, SCI Journal

January 2024	JOURNAL OF HAZARDOUS MATERIALS MANAGEMENT - HANDLING - DISPOSAL - RISK - ASSESSMENT, SCI Journal
January 2024	BIOMASS CONVERSION AND BIOREFINERY, SCI Journal
January 2024	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, SCI Journal
January 2024	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
January 2024	CHEMICAL ENGINEERING RESEARCH AND DESIGN, SCI Journal
January 2024	JOURNAL OF MATERIAL CYCLES AND WASTE MANAGEMENT, SCI Journal
January 2024	CARBOHYDRATE POLYMERS, SCI Journal
January 2024	FOOD BIOSCIENCE, SCI Journal
January 2024	JOURNAL OF FOOD ENGINEERING, SCI Journal
December 2023	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
December 2023	KOREAN JOURNAL OF CHEMICAL ENGINEERING, SCI Journal
December 2023	INTERNATIONAL JOURNAL OF PLANT PRODUCTION, SCI Journal
December 2023	ADSORPTION SCIENCE AND TECHNOLOGY, SCI Journal
December 2023	SCIENTIFIC REPORTS, SCI Journal
December 2023	CHEMICAL ENGINEERING SCIENCES, SCI Journal
December 2023	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
December 2023	CHEMICAL ENGINEERING JOURNAL, SCI Journal
December 2023	MINE WATER AND THE ENVIRONMENT, SCI Journal
December 2023	SCIENTIFIC REPORTS, SCI Journal
December 2023	CHEMICAL ENGINEERING SCIENCES, SCI Journal
December 2023	JOURNAL OF CLEANER PRODUCTION, SCI Journal
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December 2023	WASTE MANAGEMENT AND RESEARCH, SCI Journal
November 2023	RENEWABLE ENERGY, SCI Journal
November 2023	SUSTAINABLE CITIES AND SOCIETY, SCI Journal
November 2023	ENVIRONMENTAL CHEMISTRY LETTERS, SCI Journal
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November 2023	BIOMASS CONVERSION AND BIOREFINERY, SCI Journal
October 2023	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
October 2023	MEDICINAL CHEMISTRY RESEARCH, SCI Journal
October 2023	WASTE MANAGEMENT AND RESEARCH, SCI Journal
October 2023	RENEWABLE ENERGY, SCI Journal
October 2023	JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, SCI Journal
September 2023	CHEMICAL ENGINEERING RESEARCH AND DESIGN, SCI Journal
September 2023	THE SCIENCE OF THE TOTAL ENVIRONMENT AN INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH INTO THE ENVIRONMENT AND ITS RELATIONSHIP WITH MAN, SCI Journal
September 2023	Journal of Sustainable Metallurgy, SCI Journal
September 2023	KOREAN JOURNAL OF CHEMICAL ENGINEERING, SCI Journal
September 2023	BIOMASS CONVERSION AND BIOREFINERY, SCI Journal
September 2023	CHEMICAL ENGINEERING JOURNAL, SCI Journal
September 2023	Energy, Ecology and Environment, SCI Journal
September 2023	JOURNAL OF CLEANER PRODUCTION, SCI Journal
September 2023	FUEL, SCI Journal
September 2023	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
September 2023	APPLIED SURFACE SCIENCE ADVANCES, SCI Journal
September 2023	KOREAN JOURNAL OF CHEMICAL ENGINEERING, SCI Journal
August 2023	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal

August 2023	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
August 2023	WASTE MANAGEMENT AND RESEARCH, SCI Journal
August 2023	MATERIALS LETTERS, SCI Journal
August 2023	CHEMICAL ENGINEERING SCIENCES, SCI Journal
July 2023	JOURNAL OF CLEANER PRODUCTION, SCI Journal
July 2023	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
July 2023	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
July 2023	Journal of Engineering, SCI Journal
June 2023	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
June 2023	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
June 2023	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, SCI Journal
June 2023	JOURNAL OF FOOD ENGINEERING, SCI Journal
June 2023	AGRICULTURE, SCI Journal
June 2023	waste management, National Scientific Refreed Journal
June 2023	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
June 2023	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
June 2023	JOURNAL OF HAZARDOUS MATERIALS MANAGEMENT - HANDLING - DISPOSAL - RISK - ASSESSMENT, SCI Journal
June 2023	THE SCIENCE OF THE TOTAL ENVIRONMENT AN INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH INTO THE ENVIRONMENT AND ITS RELATIONSHIP WITH MAN, SCI Journal
June 2023	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
June 2023	waste Management, SCI Journal
June 2023	FOOD AND BIOPROCESS TECHNOLOGY, SCI Journal
June 2023	RENEWABLE AND SUSTAINABLE ENERGY REVIEWS, SCI Journal
May 2023	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
May 2023	CLAYS AND CLAY MINERALS, SCI Journal
May 2023	BIORESOURCE TECHNOLOGY, SCI Journal
May 2023	BIORESOURCE TECHNOLOGY, SCI Journal
May 2023	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
May 2023	CHEMICAL ENGINEERING JOURNAL, SCI Journal
May 2023	RENEWABLE AND SUSTAINABLE ENERGY REVIEWS, SCI Journal
May 2023	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, SCI Journal
May 2023	BIORESOURCE TECHNOLOGY, SCI Journal
May 2023	BIORESOURCE TECHNOLOGY, SCI Journal
May 2023	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
April 2023	BIOMASS CONVERSION AND BIOREFINERY, SCI Journal
April 2023	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
April 2023	BIORESOURCE TECHNOLOGY, SCI Journal
April 2023	CHEMICAL ENGINEERING JOURNAL, SCI Journal
April 2023	THE SCIENCE OF THE TOTAL ENVIRONMENT AN INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH INTO THE ENVIRONMENT AND ITS RELATIONSHIP WITH MAN, SCI Journal
April 2023	JOURNAL OF MATERIAL CYCLES AND WASTE MANAGEMENT, SCI Journal
April 2023	POLYMER ENGINEERING AND SCIENCE, SCI Journal
March 2023	THE SCIENCE OF THE TOTAL ENVIRONMENT AN INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH INTO THE ENVIRONMENT AND ITS RELATIONSHIP WITH MAN, SCI Journal
March 2023	SUGAR TECH, SCI Journal
March 2023	SUGAR TECH, SCI Journal

March 2023	Thermal Science and Engineering Progress, National Scientific Refreed Journal
March 2023	Materials, SCI Journal
February 2023	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
February 2023	WASTE MANAGEMENT, SCI Journal
February 2023	BIORESOURCE TECHNOLOGY, SCI Journal
February 2023	Iran polymer journal, SCI Journal
February 2023	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
February 2023	BIORESOURCE TECHNOLOGY, SCI Journal
February 2023	BIORESOURCE TECHNOLOGY, SCI Journal
February 2023	CARBOHYDRATE POLYMERS, SCI Journal
February 2023	CHEMICAL ENGINEERING RESEARCH AND DESIGN, SCI Journal
February 2023	BIORESOURCE TECHNOLOGY, SCI Journal
January 2023	CHEMICAL ENGINEERING JOURNAL, SCI Journal
January 2023	WASTE MANAGEMENT, SCI Journal
January 2023	ENVIRONMENTAL CHEMISTRY LETTERS, SCI Journal
January 2023	Bioresource Technology Reports, SCI Journal
January 2023	WASTE MANAGEMENT, SCI Journal
January 2023	ENVIRONMENTAL CHEMISTRY LETTERS, SCI Journal
January 2023	BIORESOURCE TECHNOLOGY, SCI Journal
December 2022	science of the total environment, SCI Journal
December 2022	BIORESOURCE TECHNOLOGY, SCI Journal
December 2022	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
December 2022	journal of hazardous materials, SCI Journal
December 2022	CHEMICAL ENGINEERING RESEARCH AND DESIGN, SCI Journal
December 2022	BIORESOURCE TECHNOLOGY, SCI Journal
December 2022	Journal of Sustainable Metallurgy, SCI Journal
November 2022	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
November 2022	WASTE MANAGEMENT, SCI Journal
November 2022	Energy, Ecology and Environment, SCI Journal
November 2022	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
November 2022	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
November 2022	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
November 2022	WASTE MANAGEMENT, SCI Journal
November 2022	JOURNAL OF CLEANER PRODUCTION, SCI Journal
November 2022	RENEWABLE ENERGY, SCI Journal
October 2022	JOURNAL OF CLEANER PRODUCTION, SCI Journal
October 2022	CARBOHYDRATE POLYMERS, SCI Journal
October 2022	SUSTAINABLE CITIES AND SOCIETY, SCI Journal
October 2022	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
September 2022	GAZI UNIVERSITY JOURNAL OF SCIENCE, SCI Journal
September 2022	science of the total environment, SCI Journal
September 2022	ENVIRONMENTAL CHEMISTRY LETTERS, SCI Journal
September 2022	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, SCI Journal
September 2022	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY, SCI Journal
September 2022	CHEMICAL ENGINEERING JOURNAL, SCI Journal
September 2022	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, SCI Journal
September 2022	BIORESOURCE TECHNOLOGY, SCI Journal
September 2022	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
September 2022	Chemical Industry & Chemical Engineering Quaterly, SCI Journal

August 2022	JOURNAL OF SUSTAINABLE METALLURGY, SCI Journal
August 2022	CHEMICAL ENGINEERING JOURNAL, SCI Journal
August 2022	WASTE MANAGEMENT, SCI Journal
August 2022	RENEWABLE & SUSTAINABLE ENERGY REVIEWS, SCI Journal
August 2022	WASTE MANAGEMENT, SCI Journal
July 2022	BIORESOURCE TECHNOLOGY, SCI Journal
July 2022	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
July 2022	KOREAN JOURNAL OF CHEMICAL ENGINEERING, SCI Journal
July 2022	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
July 2022	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
July 2022	MINE WATER AND THE ENVIRONMENT, SCI Journal
July 2022	THERMAL SCIENCE AND ENGINEERING PROGRESS, SCI Journal
July 2022	BIORESOURCE TECHNOLOGY, SCI Journal
July 2022	WASTE MANAGEMENT, SCI Journal
July 2022	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
July 2022	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
July 2022	CHEMICAL ENGINEERING JOURNAL, SCI Journal
June 2022	RENEWABLE ENERGY, SCI Journal
June 2022	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, SCI Journal
June 2022	CHEMICAL ENGINEERING JOURNAL, SCI Journal
June 2022	BIORESOURCE TECHNOLOGY, SCI Journal
June 2022	CHEMICAL ENGINEERING JOURNAL, SCI Journal
June 2022	CHEMICAL ENGINEERING JOURNAL, SCI Journal
June 2022	MEDICINAL CHEMISTRY RESEARCH, SCI Journal
June 2022	JOURNAL OF CLEANER PRODUCTION, SCI Journal
June 2022	MATERIALS CHEMISTRY AND PHYSICS, SCI Journal
June 2022	CHEMICAL ENGINEERING RESEARCH & DESIGN, SCI Journal
June 2022	JOURNAL OF HAZARDOUS MATERIALS, SCI Journal
June 2022	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
June 2022	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, SCI Journal
May 2022	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
May 2022	CHEMICAL ENGINEERING JOURNAL, SCI Journal
May 2022	BIORESOURCE TECHNOLOGY, SCI Journal
May 2022	KOREAN JOURNAL OF CHEMICAL ENGINEERING, SCI Journal
May 2022	JOURNAL OF CLEANER PRODUCTION, SCI Journal
May 2022	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
May 2022	JOURNAL OF POLYMER RESEARCH, SCI Journal
May 2022	JOURNAL OF HAZARDOUS MATERIALS, SCI Journal
May 2022	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
May 2022	CHEMICAL ENGINEERING JOURNAL, SCI Journal
May 2022	CHEMICAL ENGINEERING JOURNAL, SCI Journal
May 2022	BIOMASS CONVERSION AND BIOREFINERY, SCI Journal
May 2022	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
May 2022	BIORESOURCE TECHNOLOGY, SCI Journal
May 2022	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
April 2022	WASTE MANAGEMENT, SCI Journal
April 2022	KOREAN JOURNAL OF CHEMICAL ENGINEERING, SCI Journal
April 2022	JOURNAL OF MATERIAL CYCLES AND WASTE MANAGEMENT, SCI Journal
April 2022	BIORESOURCE TECHNOLOGY, SCI Journal

April 2022	JOURNAL OF SUSTAINABLE METALLURGY, SCI Journal
April 2022	BIORESOURCE TECHNOLOGY, SCI Journal
April 2022	CHEMICAL ENGINEERING JOURNAL, SCI Journal
April 2022	WASTE MANAGEMENT, SCI Journal
April 2022	RENEWABLE & SUSTAINABLE ENERGY REVIEWS, SCI Journal
April 2022	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, SCI Journal
March 2022	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
March 2022	BIOMASS CONVERSION AND BIOREFINERY, SCI Journal
March 2022	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
March 2022	WASTE MANAGEMENT, SCI Journal
March 2022	KOREAN JOURNAL OF CHEMICAL ENGINEERING, SCI Journal
March 2022	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
March 2022	BIORESOURCE TECHNOLOGY, SCI Journal
March 2022	CHEMICAL ENGINEERING JOURNAL, SCI Journal
March 2022	CHEMICAL ENGINEERING RESEARCH & DESIGN, SCI Journal
February 2022	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
February 2022	CHEMICAL ENGINEERING JOURNAL, SCI Journal
February 2022	BIORESOURCE TECHNOLOGY, SCI Journal
February 2022	BIORESOURCE TECHNOLOGY, SCI Journal
February 2022	KOREAN JOURNAL OF CHEMICAL ENGINEERING, SCI Journal
February 2022	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
February 2022	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
February 2022	JOURNAL OF HAZARDOUS MATERIALS, SCI Journal
February 2022	WASTE MANAGEMENT, SCI Journal
January 2022	MATERIALS CHEMISTRY AND PHYSICS, SCI Journal
January 2022	BIORESOURCE TECHNOLOGY, SCI Journal
January 2022	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, SCI Journal
January 2022	RENEWABLE ENERGY, SCI Journal
January 2022	Sustainable Cities and Society, SCI Journal
January 2022	JOURNAL OF SUSTAINABLE METALLURGY, SCI Journal
January 2022	BIORESOURCE TECHNOLOGY, SCI Journal
January 2022	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
January 2022	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
January 2022	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, SCI Journal
January 2022	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
January 2022	JOURNAL OF SUSTAINABLE METALLURGY, SCI Journal
January 2022	BIORESOURCE TECHNOLOGY, SCI Journal
January 2022	BIOMASS CONVERSION AND BIOREFINERY, SCI Journal
January 2022	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
December 2021	RENEWABLE & SUSTAINABLE ENERGY REVIEWS, SCI Journal
December 2021	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, SCI Journal
December 2021	RENEWABLE ENERGY, SCI Journal
December 2021	BIOMASS CONVERSION AND BIOREFINERY, SCI Journal
December 2021	CARBOHYDRATE POLYMERS, SCI Journal
December 2021	RENEWABLE & SUSTAINABLE ENERGY REVIEWS, SCI Journal
December 2021	CHEMICAL ENGINEERING RESEARCH & DESIGN, SCI Journal
December 2021	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
December 2021	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
December 2021	KOREAN JOURNAL OF CHEMICAL ENGINEERING, SCI Journal

December 2021	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
December 2021	KOREAN JOURNAL OF CHEMICAL ENGINEERING, SCI Journal
December 2021	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, SCI Journal
December 2021	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
December 2021	RENEWABLE & SUSTAINABLE ENERGY REVIEWS, SCI Journal
December 2021	JOURNAL OF HAZARDOUS MATERIALS, SCI Journal
December 2021	JOURNAL OF MATERIAL CYCLES AND WASTE MANAGEMENT, SCI Journal
November 2021	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
November 2021	CARBOHYDRATE POLYMERS, SCI Journal
November 2021	ÇANAKKALE ONSEKİZ MART ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal
November 2021	CHEMICAL ENGINEERING RESEARCH & DESIGN, SCI Journal
November 2021	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
November 2021	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
November 2021	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, SCI Journal
November 2021	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
November 2021	CARBOHYDRATE POLYMERS, SCI Journal
November 2021	PETROLEUM SCIENCE AND TECHNOLOGY, SCI Journal
November 2021	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
October 2021	CHEMICAL ENGINEERING JOURNAL, SCI Journal
October 2021	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
October 2021	ÇANAKKALE ONSEKİZ MART ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal
October 2021	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
October 2021	BIORESOURCE TECHNOLOGY, SCI Journal
October 2021	WASTE MANAGEMENT, SCI Journal
October 2021	PETROLEUM SCIENCE AND TECHNOLOGY, SCI Journal
October 2021	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
October 2021	BIORESOURCE TECHNOLOGY, SCI Journal
October 2021	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
October 2021	CHEMICAL ENGINEERING RESEARCH & DESIGN, SCI Journal
October 2021	Energy, Ecology and Environment, Journal Indexed in ESCI
October 2021	CARBOHYDRATE POLYMERS, SCI Journal
September 2021	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
September 2021	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
September 2021	SUGAR TECH, SCI Journal
September 2021	PETROLEUM SCIENCE AND TECHNOLOGY, SCI Journal
September 2021	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
September 2021	CARBOHYDRATE POLYMERS, SCI Journal
September 2021	CHEMICAL ENGINEERING RESEARCH & DESIGN, SCI Journal
September 2021	BIOMASS CONVERSION AND BIOREFINERY, SCI Journal
September 2021	Bioresource Technology, SCI Journal
September 2021	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
August 2021	JOURNAL OF POLYMER RESEARCH, SCI Journal
August 2021	BIORESOURCE TECHNOLOGY, SCI Journal
August 2021	TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, SCI Journal
August 2021	APPLIED GEOCHEMISTRY, SCI Journal
August 2021	JOURNAL OF SUSTAINABLE METALLURGY, SCI Journal
July 2021	BIOMASS CONVERSION AND BIOREFINERY, SCI Journal

July 2021	MINE WATER AND THE ENVIRONMENT, SCI Journal
July 2021	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
July 2021	RENEWABLE ENERGY, SCI Journal
July 2021	ACS OMEGA, SCI Journal
July 2021	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, SCI Journal
July 2021	IRANIAN POLYMER JOURNAL, SCI Journal
June 2021	SUSTAINABLE CITIES AND SOCIETY, SCI Journal
June 2021	CLEAN-SOIL AIR WATER, SCI Journal
June 2021	CHEMICAL ENGINEERING RESEARCH & DESIGN, SCI Journal
June 2021	DİCLE ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ, National Scientific Refreed Journal
April 2021	JOURNAL OF MATERIAL CYCLES AND WASTE MANAGEMENT, SCI Journal
April 2021	RENEWABLE & SUSTAINABLE ENERGY REVIEWS, SCI Journal
April 2021	Project Supported by Higher Education Institutions, BAP Research Project, Firat University, Turkey
March 2021	ERCİYES ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal
March 2021	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, SCI Journal
March 2021	FOOD CHEMISTRY, SCI Journal
March 2021	CARBOHYDRATE POLYMERS, SCI Journal
March 2021	ACS SUSTAINABLE CHEMISTRY & ENGINEERING, SCI Journal
March 2021	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
March 2021	MATERIALS CHEMISTRY AND PHYSICS, SCI Journal
March 2021	Project Supported by Higher Education Institutions, BAP Research Project, Kirşehir Ahi Evran University, Turkey
March 2021	Project Supported by Higher Education Institutions, BAP Research Project, Firat University, Turkey
February 2021	BOR DERGİSİ, National Scientific Refreed Journal
February 2021	WASTE MANAGEMENT, SCI Journal
February 2021	SEPARATION SCIENCE AND TECHNOLOGY, SCI Journal
February 2021	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, SCI Journal
February 2021	ENVIRONMENTAL CHEMISTRY LETTERS, SCI Journal
January 2021	MINERAL PROCESSING AND EXTRACTIVE METALLURGY REVIEW, SCI Journal
January 2021	BIORESOURCE TECHNOLOGY, SCI Journal
January 2021	CHEMICAL ENGINEERING JOURNAL, SCI Journal
January 2021	JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal
January 2021	JOURNAL OF HAZARDOUS MATERIALS, SCI Journal
January 2021	Project Supported by Higher Education Institutions, BAP Research Project, Firat University, Turkey
July 2020	INSTRUMENTATION SCIENCE & TECHNOLOGY, SCI Journal
July 2020	ANALYTICAL LETTERS, SCI Journal
June 2020	MINE WATER AND THE ENVIRONMENT, SCI Journal
May 2020	WATER RESEARCH, SCI Journal
March 2020	BIORESOURCES, SCI Journal
March 2020	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
March 2020	RENEWABLE & SUSTAINABLE ENERGY REVIEWS, SCI Journal
March 2020	INDUSTRIAL CROPS AND PRODUCTS, SCI Journal
March 2020	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, SCI Journal
March 2020	JOURNAL OF THE AIR & WASTE MANAGEMENT ASSOCIATION, SCI Journal
March 2020	Project Supported by Higher Education Institutions, BAP Research Project, Bartin University, Turkey

March 2020	Project Supported by Higher Education Institutions, BAP Research Project, Bartin University, Turkey
February 2020	DESALINATION AND WATER TREATMENT, SCI Journal
February 2020	Sustainable Cities and Society, SCI Journal
February 2020	JOURNAL OF HAZARDOUS MATERIALS, SCI Journal
February 2020	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
February 2020	FOOD CHEMISTRY, SCI Journal
February 2020	RENEWABLE ENERGY, Journal Indexed in SCI-E
February 2020	MATERIALS CHEMISTRY AND PHYSICS, SCI Journal
February 2020	BIORESOURCE TECHNOLOGY, SCI Journal
February 2020	BALIKESİR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal
February 2020	DİCLE ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ, National Scientific Refreed Journal
January 2020	CARBOHYDRATE POLYMERS, SCI Journal
January 2020	JOURNAL OF CLEANER PRODUCTION, SCI Journal
January 2020	WASTE MANAGEMENT, SCI Journal
January 2020	CHEMICAL ENGINEERING JOURNAL, SCI Journal
September 2019	SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal
July 2019	ERCİYES ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal
June 2019	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, SCI Journal
June 2019	Industrial Crops And Products, SCI Journal
May 2019	BIORESOURCE TECHNOLOGY, SCI Journal
February 2019	SELÇUK ÜNİVERSİTESİ MÜHENDİSLİK, BİLİM VE TEKNOLOJİ DERGİSİ, National Scientific Refreed Journal
February 2019	SEPARATION SCIENCE AND TECHNOLOGY, SCI Journal
December 2018	SEPARATION SCIENCE AND TECHNOLOGY, SCI Journal
October 2018	BALIKESİR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal

Scientific Consultations

2021 - Continues	Scientific Consultancy, İGSAŞ İSTANBUL GÜBRE SAN. A.Ş. KÜTAHYA FABRİKASI

Tasks In Event Organizations

10 Haziran 2020	Arslanoğlu H., 14. Ulusal Kimya Mühendisliği Kongresi , Scientific Congress, Konya, Turkey
10 Mayıs 2017	Arslanoğlu H., International Conference on Advances and Innovations in Engineering, Scientific Congress, Elazığ, Turkey

Metrics

Publication: 131
Citation (WoS): 729
Citation (Scopus): 795
H-Index (WoS): 16
H-Index (Scopus): 18

Scholarships

2013 - 2015	TÜBİTAK Öncelikli Alanlar Doktora Bursu , TUBITAK

Awards

May 2021	Production of low-cost adsorbent with small particle size from calcium carbonate rich residue carbonatation cake and their high performance phosphate adsorption applications, Tübitak
April 2021	Potassium struvite (slow release fertilizer) and activated carbon production: Resource recovery from vinasse and grape marc organic waste using thermal processing, Tübitak
January 2021	Akademik Yayın Teşvik Ödülü (2020 yılı akademik çalışmaları için), Yök
June 2020	Effect of activated carbon obtained from vinasse and marc on the rheological and mechanical characteristics of the bitumen binders and hot mix asphalts, Tübitak
January 2020	Akademik Yayın Teşvik Ödülü (2019 yılı akademik çalışmaları için), Yök
October 2019	Utilization of paper mill sludge for removal of cationic textile dyes from aqueous solutions, Tübitak
July 2019	Direct and facile synthesis of highly porous low cost carbon from potassium-rich wine stone and their application for high-performance removal, Tübitak
May 2019	Adsorption of micronutrient metal ion onto struvite to prepare slow release multielement fertilizer: Copper(II) doped-struvite, Tübitak
January 2019	Akademik Yayın Teşvik Ödülü (2018 yılı akademik çalışmaları için). , Yök
September 2018	Cd and Nutrient Elements Release into Various Aqueous Solutions from Synthesized K-Struvite Fertilizer, Tübitak
July 2018	Leaching behaviour of low-grade copper ore in the presence of organic acid, Tübitak
July 2018	Valorization of Paper Mill Sludge as Adsorbent in Adsorption Process of Copper (II) Ion from Synthetic Solution: Kinetic, Isotherm and Thermodynamic Studies, Tübitak
January 2018	Akademik Yayın Teşvik Ödülü (2017 yılı akademik çalışmaları için), Yök
November 2017	Endüstriyel Atıklar ve Yenilenebilir Kaynaklardan Konut ve Sanayinin Kullanımına Uygun Yalıtım Malzemesi Üretimi, İstanbul Kimyevi Maddeler Ve Mamulleri Sektöründe 7. Ar-Ge Proje Pazarı
January 2017	Akademik Yayın Teşvik Ödülü (2016 yılı akademik çalışmaları için), Yök
January 2016	Akademik Yayın Teşvik Ödülü (2015 yılı akademik çalışmaları için), Yök
July 2015	Optimization of the leaching conditions of chalcopyrite concentrate using ammonium persulfate in an autoclave system, Tübitak
March 2009	Heavy metals binding properties of esterified lemon, Tübitak
February 2008	Preparation of cation exchanger from lemon and sorption of divalent heavy metals, Tübitak