



Assoc. Prof. HASAN ARSLANOĞLU

Personal Information

Mobile Phone: [+90 0533 662 7772](tel:+9005336627772)

Office Phone: [+90 0286 218 0018](tel:+9002862180018) Extension: 21060

Fax Phone: [+90 0286 218 0541](tel:+9002862180541)

Email: hasan.arslanoglu@comu.edu.tr

Other Email: hasanarslano@hotmail.com

Web: <https://avesis.comu.edu.tr/hasan.arslano%C4%9Flu>

Address: Çanakkale Onsekiz Mart Üniversitesi, Mühendislik Fakültesi-Ek Bina, Kimya Mühendisliği Bölümü Oda No: 422, Terzioğlu kampüsü 17100, ÇANAKKALE



Education Information

2009 - 2016	Doctorate, Firat University, Institute Of Science, Turkey
2005 - 2008	Post Graduate, Firat University, Institute Of Science, Turkey
2001 - 2005	Under Graduate, 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, Post Graduate

Research Areas

Pyrometallurgy, 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, Recycling Processes, Hydrometallurgy, Natural Sciences

Academic Titles / Tasks

2021 - Continues	Associate Professor, Çanakkale Onsekiz Mart University, Mühendislik Fakültesi, Kimya Mühendisliği
2020 - 2021	Associate Professor, Kirşehir Ahi Evran University, Faculty Of Engineering-Architecture
2019 - 2020	Assistant Professor, Kirşehir Ahi Evran University, Faculty Of Engineering-Architecture

2010 - 2019

Research Assistant, Firat University, Faculty Of Engineering, Department Of Chemistry Engineering

Academic and Administrative Experience

2021 - 2021

Rektörlük Stratejik Plan Komisyonu Üyesi, Kirşehir Ahi Evran University, Faculty Of Engineering-Architecture

2020 - 2021

Birim Kalite Komisyonu Başkanı, Kirşehir Ahi Evran University, Faculty Of Engineering-Architecture

2020 - 2021

Fakülte Kurulu Üyesi, Kirşehir Ahi Evran University, Faculty Of Engineering-Architecture

2020 - 2021

Vice Dean, Kirşehir Ahi Evran University, Faculty Of Engineering-Architecture

2020 - 2021

Head of Department, Kirşehir Ahi Evran University, Faculty Of Engineering-Architecture

Advising Theses

2019

Arslanoğlu H., Yılmaz M., Post Graduate, E.ŞEYMA(Student), Cibre ve şlempeden elde edilen aktif karbonun bitüm katkı maddesi olarak kullanılabilirliğinin araştırılması

2019

Arslanoğlu H., Yaraş A., Post Graduate, O.ALPAŞLAN(Student), Kullanılmış Co-Mo-/Al₂O₃ katalizörünün kompleksleştirici EDTA varlığında çözünme şartlarının ve kinetiğinin incelenmesi

Jury Memberships

January 2021

Post Graduate, Post Graduate, Firat Üniversitesi

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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 (Journal Indexed in SCI)
- II. **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 (Journal Indexed in SCI)
- III. **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, 2021 (Journal Indexed in SCI)
- IV. **Carbonation sludge reinforced LDPE composites: flame-retardant, dynamic mechanical properties, thermal degradation behaviors**
Yaras A., DEMİREL B., AKKURT F., Arslanoglu H.
POLYMER BULLETIN, 2021 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)
- VI. **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 (Journal Indexed in SCI)
- VII. **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, 2021 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **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, 2021 (Journal Indexed in SCI)
- XII. **Thermal conversion behavior of paper mill sludge: characterization, kinetic, and thermodynamic analyses**
Yaras A., DEMİREL B., AKKURT F., Arslanoglu H.
BIOMASS CONVERSION AND BIOREFINERY, 2021 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **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 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI)
- XX. **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 (Journal Indexed in SCI)
- XXI. **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 (Journal Indexed in SCI)
- XXII. **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 (Journal Indexed in SCI)
- XXIII. **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 (Journal Indexed in SCI)
- XXIV. **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 (Journal Indexed in SCI)
- XXV. **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 (Journal Indexed in SCI)
- XXVI. **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 (Journal Indexed in SCI)
- XXVII. **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 (Journal Indexed in SCI)
- XXVIII. **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 (Journal Indexed in SCI)
- XXIX. **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 (Journal Indexed in SCI)
- XXX. **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 (Journal Indexed in SCI)
- XXXI. **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 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Investigation of Phosphate Adsorption Properties of Zinc Production Residue Cakes**
Çiftçi H., Arslanoğlu H.
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.8, no.1, pp.251-262, 2021 (National Refreed University Journal)
- II. **INVESTIGATION OF THE EFFECT OF CARBONATION CAKE ON RHEOLOGICAL PROPERTIES OF**

BITUMINOUS BINDERS

Özdemir A. M. , Yalçın E., Arslanoğlu H., Yılmaz M., Kök B. V.

The International Journal of Materials and Engineering Technology, vol.4, no.1, pp.10-17, 2021 (National Refreed University Journal)

- III. **Selective Leaching of MO, Co, Ni and Al Metals From Spent Hydrodesulfurization Catalyst Using Complexing Agent: Effect of Roasting Time and Temperature**
Alpaslan O., Yaraş A., Arslanoğlu H.
Bartın Üniversitesi Mühendislik ve Teknoloji Bilimleri Dergisi, vol.7, no.2, pp.21-25, 2019 (National Refreed University Journal)
- IV. **Preparation And Characterization Of Novel Iron (III) Hydroxide/Paper Mill Sludge Composite Adsorbent For Chromium Removal**
Yaraş A., Arslanoğlu H.
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.6, pp.1019-1026, 2019 (National Refreed University Journal)
- V. **APPLICATION OF MULTI CRITERIA DECISION MAKING METHODS TO LEACHING PROCESS OF COPPER FROM MALACHITE ORE**
Kursuncu B., Yaras A., Arslanoglu H.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.36, no.3, pp.783-794, 2018 (Journal Indexed in ESCI)
- VI. **EFFICIENT REMOVAL OF BASIC YELLOW 51 DYE VIA CARBONIZED PAPER MILL SLUDGE USING SULFURIC ACID**
Yaras A., Arslanoglu H.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.36, no.3, pp.803-818, 2018 (Journal Indexed in ESCI)
- VII. **Removal of Cu(II) from aqueous solutions by using marble waste**
Arslanoglu H.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.23, no.7, pp.877-886, 2017 (Journal Indexed in ESCI)
- VIII. **Pb(II) and Cd(II) Removal from Aqueous Solutions by Citric Acid Modified Sugar Beet Pulp**
Arslanoğlu H., Tümen F.
Firat Üniversitesi Mühendislik Bilimleri Dergisi, vol.27, no.1, pp.85-99, 2015 (National Refreed University Journal)
- IX. **The Release of Metals in Various Aqueous Media from the Citric Acid Modified Sugar Beet Pulp Doped with Cu²⁺, Zn²⁺ and Mn²⁺**
Arslanoğlu H., Çiçek A. U. , Kama B. M. , Karadaş M., Tümen F.
Firat Üniversitesi Mühendislik Bilimleri Dergisi, vol.26, no.2, pp.109-122, 2014 (National Refreed University Journal)
- X. **A research on the extraction of metals from kure chalcopyrite concentrate in the pressure reactor system**
Turan M. D. , Arslanoğlu H., Altundoğan H. S.
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.17, no.3, pp.447-455, 2013 (National Refreed University Journal)
- XI. **A Study on the Examination of Potassium Solubilization from the Pyrolysis Products of Vinasse-Carbonatation Cake Mixtures by Percolation with Water**
Taşar Ş., Arslanoğlu H., Tümen F.
Firat Üniversitesi Mühendislik Bilimleri Dergisi, vol.22, no.1, pp.27-35, 2010 (National Refreed University Journal)
- XII. **Potassium Extraction from the Pyrolysis Product of Vinasse-Carbonation Cake Mixtures and Methylene Blue Adsorption of Extraction Residue**
Altın Y., İrende İ., Arslanoğlu H., Tümen F.
Firat Üniversitesi Mühendislik Bilimleri Dergisi, vol.21, no.1, pp.23-32, 2009 (National Refreed University Journal)

- I. **WPET Reinforced Polyester Composite Production and Thermal Characterization by RSM Design**
Arslanoğlu H., Aydoğmuş E.
8th International Conference on Materials Science and Nanotechnology For Next Generation, Elazığ, Turkey, 14 - 16 July 2021, pp.87
- II. **Improvement of Resistance to Moisture-Induced Damage of Activated Carbon Modified Hot Mix Asphalt Using Hydrated Lime, Paper ID: 393**
Yalçın E., Seyrek E. Ş. , Yılmaz M., Kök B. V. , Arslanoğlu H.
7th Euro asphalt & Euro bitume Congress, Barcelona, Spain, 12 - 14 May 2020, pp.122-130
- III. **Removal of Basic Yellow 28 Dyestuff from Aqueous Solutions Using Sugar Beet Pulp Carbonized with Sulfuric Acid**
Arslanoğlu H.
1st International Malatya Congress Of Applied Sciences, Malatya, Turkey, 21 - 22 December 2019, pp.188-205
- IV. **Synthesis and Characterization of Magnetic Activated Carbon Using Activated Carbon Prepared from Binary Mixture**
Orhan R., Arslanoğlu H.
IV. International Scientific and Vocational Studies Congress – Engineering (BILMES EN 2019), Ankara, Turkey, 7 - 10 November 2019, pp.387-392
- V. **Investigation of the Effect of Carbonation Cake on Rheological Properties of Bituminous Binders**
Yılmaz A. M. , Yalçın E., Arslanoğlu H., Yılmaz M., Kök B. V.
The International Conference on Materials and Engineering Technology (TICMET 19), Gaziantep, Turkey, 10 - 12 October 2019, pp.247-255
- VI. **Slow Release Fertilizers**
Arslanoğlu H.
The Hodja Akhmet Yassawi International Congress of Scientific Researches, Adıyaman, Turkey, 26 - 27 August 2019, pp.987-1008
- VII. **Investigations on the Use of Magnesium Oxide as A Magnesium Source in the Production of Potassium-Struvite (KMgPO₄)**
Arslanoğlu H.
International 30 August Scientific Research Symposium, İzmir, Turkey, 28 - 31 August 2019, pp.84-104
- VIII. **Use Of Cr(VI) Reduction of Gas and Solid Products Formed During Carbonization of Grape Marc with Sulfuric Acid**
Arslanoğlu H.
International 30 August Scientific Research Symposium, İzmir, Turkey, 28 - 31 August 2019, pp.69-83
- IX. **A Study on Cr (VI) Reduction from Water Solutions Using Magnetite**
Arslanoğlu H.
UBAK 4th International Scientific Research Congress, Yalova, Turkey, 14 - 17 February 2019, pp.274-283
- X. **Removal of Cr (III) Ions from Aqueous Solution Via Calcium Phosphate**
Arslanoğlu H., Yaraş A.
III. International Engineering and Natural Sciences Conference (IENSC 2018) , Diyarbakır, Turkey, 14 - 17 November 2018, pp.345-351
- XI. **Cr (VI) Removal from Aqueous Solution by Iron (III) Hydroxide-Loaded Paper Mill Sludge**
Yaraş A., Arslanoğlu H.
Fifteenth International Conference on Flow Dynamics, Sendai, Japan, 7 - 09 November 2018, pp.108-109
- XII. **A study on dissolution of Pb and Zn from zinc extraction residual using various chloride salts**
Yaraş A., Arslanoğlu H.
Fifteenth International Conference on Flow Dynamics, Sendai, Japan, 7 - 09 November 2018, pp.106-107
- XIII. **Effect of Roasting Pretreatment on Leaching of Metals**
Yaraş A., Arslanoğlu H.
III. International Engineering and Natural Sciences Conference (IENSC 2018), Diyarbakır, Turkey, 14 - 17 November 2018, pp.942-945
- XIV. **Low-Cost Activated Carbon Production From Peanut-Vinasse Mixture**

Arslanođlu H.

IMASES II. International Multidisciplinary Academic Studies Symposium, İstanbul, Turkey, 16 - 17 November 2018, pp.277-289

- XV. **Photocatalytic Reduction of Cr(VI) in Aqueous Solutions by Formic Acid**
Arslanođlu H.
ZEUGMA I. International Multidisciplinary Studies Congress, Gaziantep, Turkey, 13 - 16 September 2018, pp.963-980
- XVI. **Determination of Optimum Conditions for Cu (II) Adsorption from Aqueous Solutions**
Arslanođlu H., Orhan R., Turan M. D.
ZEUGMA I. International Multidisciplinary Studies Congress, Gaziantep, Turkey, 13 - 16 September 2018, pp.1358-1362
- XVII. **Effects of Recycle Polymer Waste on the Properties of Bituminous Binders**
Yalçın E., Seyrek E. Ş. , Yılmaz M., K k B. V. , Arslanođlu H.
13th International Congress On advances In Civil Engineering, İzmir, Turkey, 12 - 14 September 2018, pp.1-10
- XVIII. **A Study on Removal of Chromate from Aqueous Solutions by Paper Mill Sludge**
Yaraş A., Arslanođlu H.
International Advanced Researches and Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017, pp.1443-1450
- XIX. **Extraction of Copper From Chalcopyrite Concentrated in Presence of Hydrogen Peroxide and Formic Acid**
Yaraş A., Arslanođlu H.
International Advanced Researches and Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017, pp.1554
- XX. **Modelling of Leaching Process of Copper Extraction from Malachite Using Oxalic Acid**
Yaraş A., Arslanođlu H., Kurşuncu B.
International Symposium on Multidisciplinary Studies and Innovative Technologies, Tokat, Turkey, 2 - 04 November 2017, pp.180
- XXI. **Adsorption Removal of the Basic Blue 3 from Aqueous Solution by Polyurethane Waste**
Aydođmuş E., Arslanođlu H.
International Conference on Engineering Technologies, Konya, Turkey, 7 - 09 November 2017, pp.62
- XXII. **The production of Vinasse and Modelling of Rheological Properties**
Aydođmuş E., Arslanođlu H., Kamışlı F.
International Conference on Engineering Technologies, Konya, Turkey, 7 - 09 November 2017, pp.70
- XXIII. **Response Surface Methodology Approach for Optimization of the Copper Leaching from Malachite Using Formic Acid**
Yaraş A., Arslanođlu H., Kurşuncu B.
International Symposium on Multidisciplinary Studies and Innovative Technologies, Tokat, Turkey, 2 - 04 November 2017, pp.181
- XXIV. **Removal of Pb (II) ion from Aqueous Solution by Adsorption Process onto Paper Mill Sludge: Isotherm and Kinetics**
Yaraş A., Arslanođlu H.
1 st International Sustainability Congress, İstanbul, Turkey, 1 - 03 December 2016, pp.76-83
- XXV. **Removal of Reactive Black 5 (RB5) Dye from Aqueous Solution by Paper Mill Sludge: Isotherms and Kinetics**
Yaraş A., Arslanođlu H.
Thirteenth International Conference on Flow Dynamics, Tsuruoka, Japan, 10 - 12 October 2016, pp.144-145
- XXVI. **Cibreden Aktif Karbon Eldesinde Aktivat r Olarak Potasyum İ erikli Konsantre Şlempenin Kullanılması**
Arslanođlu H., T men F.
UKMK-12, On ikinci Ulusal Kimya M hendisliđi Kongresi, İzmir, Turkey, 23 - 26 August 2016, pp.1-2
- XXVII. **Cu²⁺, Zn²⁺ ve Mn²⁺ Bađlamış Sitrik Asitle Modifiye Şeker Pancarı K spesinden H mik Asit, Sitrik**

Asit ve EDTA İçeren Sulu Ortamlarda Metallerin Salınımlarının İncelenmesi

Arslanoğlu H., Çiçek A. U. , Kama B. M. , Karadaş M., Tümen F.

UKMK-11, XI. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014, pp.1-8

XXVIII. Limondan elde edilen sorbent kullanılarak sulu çözeltilerden Bazik Mavi-3 giderilmesi üzerine çalışmalar

Arslanoğlu H., Altundoğan H. S. , Tümen F.

UKMK-10, X. Ulusal Kimya Mühendisliği Kongresi, İstanbul, Turkey, 3 - 06 September 2012, pp.1-6

XXIX. Bakır cüruflarından demir(III) sülfat liçi ile bakır, kobalt ve nikel ekstraksiyonu üzerine bir araştırma

Arslanoğlu H., Altundoğan H. S. , Tümen F.

UKMK-10, X. Ulusal Kimya Mühendisliği Kongresi, İstanbul, Turkey, 3 - 06 September 2012, pp.1-6

XXX. Cevap yüzey metodu (RSM) kullanılarak basınç reaktöründe kalkopirit konsantresinin amonyum persülfat ile liçinin incelenmesi

Turan M. D. , Arslanoğlu H., Altundoğan H. S.

UKMK-9, Dokuzuncu Ulusal Kimya Mühendisliği Kongresi, Ankara, Turkey, 22 - 25 June 2010, pp.1-10

XXXI. Bakır bağlamış modifiye şeker pancarı küspesinden çeşitli sulu ortamlarda bakırın çözünürlüğünün incelenmesi üzerine bir çalışma

Mutlu N. G. , Karatağ A. R. , Umar A., Arslanoğlu H., Tümen F.

UKMK-9, Dokuzuncu Ulusal Kimya Mühendisliği Kongresi, Ankara, Turkey, 22 - 25 June 2010, pp.1-6

XXXII. Fosforik asitle modifiye edilen şeker pancarı küspesinin karakterizasyonu ve sulu şerbetten renkli maddelerin giderilmesinde kullanılması

Arslanoğlu H., Tümen F.

UKMK-9, Dokuzuncu Ulusal Kimya Mühendisliği Kongresi, Ankara, Turkey, 22 - 25 June 2010, pp.1-7

XXXIII. Sitrik asitle modifiye edilen şeker pancarı küspesi kullanılarak sulu şerbetteki katyonların ve renkli maddelerin giderilmesi üzerine bir araştırma

Arslanoğlu H., Tümen F.

UKMK-8, Sekizinci Ulusal Kimya Mühendisliği Kongresi, Malatya, Turkey, 26 - 29 August 2008, pp.1-6

XXXIV. Şlempe-karbonatlı keki karışımlarının piroliz ürünlerinden potasyum ekstraksiyonu ve kalıntının metilen mavisi adsorpsiyonu

Altın Y., İrende I., Arslanoğlu H., Tümen F.

UKMK-8, Sekizinci Ulusal Kimya Mühendisliği Kongresi, Malatya, Turkey, 26 - 29 August 2008, pp.1-6

XXXV. Limondan katyon değiştirici reçine elde edilmesi ve atıksulardan iki değerli metallerin ve boyar maddelerin giderilmesinde kullanılması

Arslanoğlu H., Altundoğan H. S. , Tümen F.

UKMK-6, VI. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 7 - 10 September 2004, pp.1-6

Supported Projects

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 Şlempe-den 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 Poliöl 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 Salımlı 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	Nutrition, Dietetics & Nutraceuticals, Publication Committee Member
2019 - Continues	SF Journal of Agricultural and Crop Management, Publication Committee Member
2019 - Continues	MedRead Journal of Chemistry, Publication Committee Member
2019 - Continues	Integrative Journal of Chemistry, Publication Committee Member

Memberships / Tasks in Scientific Organizations

2004 - Continues	TMMOB Kimya Mühendisleri Odası, Member
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Scientific Refereeing

December 2021	APPLIED GEOCHEMISTRY, SCI Journal
December 2021	TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, SCI Journal
December 2021	JOURNAL OF POLYMER RESEARCH, SCI Journal
December 2021	JOURNAL OF SUSTAINABLE METALLURGY, SCI Journal
September 2021	SUGAR TECH, SCI Journal
September 2021	PETROLEUM SCIENCE AND TECHNOLOGY, SCI Journal
July 2021	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, SCI Journal
July 2021	ACS OMEGA, SCI Journal
July 2021	MINE WATER AND THE ENVIRONMENT, SCI Journal
July 2021	RENEWABLE ENERGY, SCI Journal
July 2021	BIOMASS CONVERSION AND BIOREFINERY, 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	MATERIALS CHEMISTRY AND PHYSICS, SCI Journal
March 2021	CARBOHYDRATE POLYMERS, SCI Journal

March 2021 FOOD CHEMISTRY, SCI Journal

March 2021 JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, SCI Journal

March 2021 ERCİYES ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal

March 2021 ACS SUSTAINABLE CHEMISTRY & ENGINEERING, SCI Journal

March 2021 SCIENCE OF THE TOTAL ENVIRONMENT, 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 WASTE MANAGEMENT, SCI Journal

February 2021 BOR DERGİSİ, National Scientific Refreed 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 CHEMICAL ENGINEERING JOURNAL, SCI Journal

January 2021 BIORESOURCE TECHNOLOGY, SCI Journal

January 2021 JOURNAL OF ENVIRONMENTAL MANAGEMENT, SCI Journal

January 2021 MINERAL PROCESSING AND EXTRACTIVE METALLURGY REVIEW, 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, Bartın University, Turkey

March 2020 Project Supported by Higher Education Institutions, BAP Research Project, Bartın University, Turkey

February 2020 Sustainable Cities and Society, SCI Journal

February 2020 RENEWABLE ENERGY, Journal Indexed in SCIE

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 DESALINATION AND WATER TREATMENT, SCI Journal

February 2020 MATERIALS CHEMISTRY AND PHYSICS, SCI Journal

February 2020 DİCLE ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ, National Scientific Refreed Journal

February 2020 BIORESOURCE TECHNOLOGY, SCI Journal

February 2020 BALIKESİR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, 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	Industrial Crops And Products, SCI Journal
June 2019	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, 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
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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

Citations

- I. Total Citations (WOS): 252
- II. h-index (WOS): 9

Scholarships

2013 - 2015	TÜBİTAK Öncelikli Alanlar Doktora Bursu , TUBİTAK
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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	Valorization of Paper Mill Sludge as Adsorbent in Adsorption Process of Copper (II) Ion from Synthetic Solution: Kinetic, Isotherm and Thermodynamic Studies, Tübitak
July 2018	Leaching behaviour of low-grade copper ore in the presence of organic acid, 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