

Assoc. Prof. ERSİN YENER YAZICI

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: V-3572-2017

ScopusID: 14064299800

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Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği Anabilimdalı, Turkey 2005 - 2012

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği Anabilimdalı, Turkey 2002 - 2005

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, Turkey 1998 - 2002

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Quality Management, International Cyanide Management Code Conference (Uluslararası Siyanür Kodu Yönetimi Konferansı), International Cyanide Management Institute (ICMI)-Turkish Gold Miners Association, 2023

Project Management, Ufuk Avrupa Programına Yönelik Teorik ve Uygulamalı Proje Hazırlama Eğitimi (Project Preparation Course for Horizon Europe Programme), KTÜ TTM (organizasyon) - PwC Türkiye (eğitim) (3 tam gün), 2021

Personal Evolution, Enneagram Eğitimi (Uzmanlık; 60 saat), 2020, 2020

Project Management, Agile Project Management with PMI Standards (PMI Standartları ile Çevik Proje Yönetimi), 10-11 June, 2020, İzge Eğitim ve Danışmanlık (Instructor: Dilek Kocak) , 2020

Personal Evolution, Enneagram Eğitimi (Temel; 12 saat), 2020, 2020

Project Management, Project Management with PMI Standards (PMI Standartları ile Proje Yönetimi) 20-21 May, 2020, İzge Eğitim ve Danışmanlık (Instructor: Dilek Kocak), 2020

Data Analysis, Uygulamalı Veri Bilimi ve Görselleştirmeye Giriş Eğitimi (Introduction Course to Data Science and Visualisation) (Eğitmen/Instructor: Dr. Mustafa Kahraman), Gümüşhane Üniversitesi GÜSUD Koordinatörlüğü, 2019

IT, Robotik Kodlama Temel Seviye, Türk Hava Kurumu Üniversitesi, 2019

Vocational Course, Leaching and Recovery of Gold Ores, Short course (2 days), Instructor: Dr. Michael Drozd, org. by Hacettepe Mineral Tech. (HMT), Ankara, 2018

Vocational Course, 3rd Electrochemical Impedance Spectroscopy (EIS) Workshop, Instructor: A/Prof. Dr. Burak Ulgut (Bilkent Univ., Dept. of Chemistry), Ankara, 2017
Vocational Course, Comminution & Control & Modelling in Mineral Processing,, Karadeniz Teknik Üniversitesi, 2016
Vocational Course, Experiment to Modelling-Modelling to Plant Design-Design to Optimisation, certified by The Eng. Institute of Canada, Instructor: Dr. E. T. Tuzcu, org. by MPES Eng., Ankara, 2016
Vocational Training, Mass Balance and Modelling in Comminution Circuits, Karadeniz Teknik Üniversitesi, 2016
Vocational Training, USIMPAC Cevher Hazırlama Simülasyon Yazılımı Eğitimi, MPES Engineering, Ankara (2 gün), 2015
Vocational Training, Kemometri (Chemometrics), Karadeniz Teknik Üniversitesi, 2012

Dissertations

Doctorate, Recovery of metals from electronic wastes using physical separation and hydrometallurgical methods, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, 2012
Postgraduate, Removal of cyanide from wastewaters using hydrogen peroxide, activated carbon adsorption and ultrasonic waves, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, 2005

Research Areas

Environmental Chemistry and Technology, Mining Engineering and Technology, Ore-Dressing, Benefication by Gravity, Dense-Medium, Magnetic and Electrostatic, Chemical-Biological Winning Techniques and Mineral Processing, Metallurgical and Materials Engineering, Production Metallurgy, Recycling Processes, Hydrometallurgy

Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, 2018 - Continues
Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, 2018 - 2018
Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, 2013 - 2018
Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, 2002 - 2011

Academic and Administrative Experience

Deputy Head of Department, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, 2021 - 2023
Rektörlük Kalite Komisyonu Üyesi, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, 2021 - 2023

Courses

Kentsel Atıkların Değerlendirilmesi (2022-2023), Doctorate, 2022 - 2023
İstatistiksel Deney Tasarımı ve Veri Analizi (2022-2023), Doctorate, 2022 - 2023
Cevher Hazırlama Laboratuvarı-I (2022-2023), Undergraduate, 2022 - 2023
Cevher Hazırlama Laboratuvarı-II (2021-2022), Undergraduate, 2021 - 2022
İstatistiksel Deney Tasarımı ve Veri Analizi (2021-2022; Bahar), Doctorate, 2021 - 2022
Cevher Hazırlama Laboratuvarı-I (2020-2021), Undergraduate, 2020 - 2021
Cevher Hazırlama Laboratuvarı-I (2021-2022), Undergraduate, 2021 - 2022
Cevher Hazırlama Laboratuvarı-II (2020-2021), Undergraduate, 2020 - 2021
İstatistiksel Deney Tasarımı ve Veri Analizi (2019-2020; Bahar), Doctorate, 2019 - 2020
İstatistiksel Deney Tasarımı ve Veri Analizi (2021-2022; Güz), Doctorate, 2020 - 2021

Cevher Hazırlama Laboratuvarı-II (2019-2020), Undergraduate, 2019 - 2020
İstatistiksel Deney Tasarımı ve Veri Analizi (2018-2019 Bahar), Doctorate, 2018 - 2019
İstatistiksel Deney Tasarımı ve Veri Analizi (2019-2020; Güz), Doctorate, 2019 - 2020
Cevher Hazırlama Laboratuvarı-I (2019-2020), Undergraduate, 2019 - 2020
Ekstraktif Metalurji (2018-2019), Doctorate, 2018 - 2019
Bitirme Projesi (2 modül (1.Çevre ve Atık Yönetimi, 2. Pompa Seçimi); 2017-2018), Undergraduate, 2017 - 2018
İstatistiksel Deney Tasarımı ve Veri Analizi (2018-2019; Güz), Doctorate, 2018 - 2019
Cevher Hazırlama Laboratuvarı-II (2017-2018), Undergraduate, 2017 - 2018
Cevher Hazırlama Laboratuvarı-I (2018-2019), Undergraduate, 2018 - 2019
Bitirme Projesi (2 modül (1.Çevre ve Atık Yönetimi, 2. Pompa Seçimi); 2016-2017), Undergraduate, 2016 - 2017
Kentsel Atıkların Değerlendirilmesi (2016-2017), Doctorate, 2016 - 2017
Cevher Hazırlama Laboratuvarı-I (2017-2018), Undergraduate, 2017 - 2018
İstatistiksel Deney Tasarımı ve Veri Analizi (2017-2018), Doctorate, 2017 - 2018
İstatistiksel Deney Tasarımı ve Veri Analizi (2016-2017), Doctorate, 2016 - 2017
Bitirme Projesi (2 modül (1.Çevre ve Atık Yönetimi, 2. Pompa Seçimi); 2015-2016), Undergraduate, 2015 - 2016
Cevher Hazırlama Laboratuvarı-I (2016-2017), Undergraduate, 2016 - 2017
Cevher Hazırlama Laboratuvarı-I (2015-2016), Undergraduate, 2015 - 2016
Cevher Hazırlama Laboratuvarı-I (2014-2015), Undergraduate, 2014 - 2015

Advising Theses

Yazıcı E. Y., Recovery of Metals from Scrap Saw-blade Segments, Doctorate, F.Ahlatcı(Student), 2022
Yazıcı E. Y., Refrakter Altın Cevherlerinin Basınç Oksidasyonu, Postgraduate, S.Mohamed(Student), 2019
Yazıcı E. Y., Refrakter cevherlerden altın kazanımında liç performansının artırılması, Postgraduate, M.Kuzu(Student), 2019
Yazıcı E. Y., Bakır ve pirit içeriği yüksek cevher ve konsantrelerden tiyosülfat liçi ile altın/gümüş kazanımı, Postgraduate, F.Ahlatcı(Student), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Recovery of critical and strategic metals from scrap marble-cutting tools by oxidative leaching and precipitation**
CELEP O., AHLATCI F., Yazici E. Y., DEVECİ H.
SEPARATION AND PURIFICATION TECHNOLOGY, vol.338, 2024 (SCI-Expanded)
- II. **The green reductive leaching of manganiferous iron ore and Mn₃O₄ nanoparticles production: Kinetic modeling and comparison of various reductants**
Karimi M., Karimi S., YAZICI E. Y.
Journal of the Taiwan Institute of Chemical Engineers, vol.159, 2024 (SCI-Expanded)
- III. **Extraction of cobalt from a cobaltiferous pyrite concentrate using H₂SO₄-NaNO₃ lixiviant system**
Yaylali B., DEVECİ H., Yener Yazici E. Y., CELEP O.
MINERALS ENGINEERING, vol.198, 2023 (SCI-Expanded)
- IV. **Recovery of Au and Ag from the roasted calcine of a copper-rich pyritic refractory gold ore using ion exchange resins**
Albert MSUMANGE D., Yener YAZICI E. Y., CELEP O., DEVECİ H., KRITSKII A., KARIMOV K.
MINERALS ENGINEERING, vol.195, 2023 (SCI-Expanded)
- V. **Recovery of base and precious metals from scrap TV boards using zigzag air separator**
YAZICI E. Y., CELEP O., Ibrahim B. O. Y. L., DEVECİ H.
Physicochemical Problems of Mineral Processing, vol.59, no.5, 2023 (SCI-Expanded)

- VI. **Effects of lead nitrate and pre-aeration on the deportment of base/precious metals in cyanide leaching of a pyritic refractory gold concentrate**
DEVECİ H., YAZICI E. Y., CELEP O., Mercimek M., Demirel C., Çakmak S., Cingöz M. B., Kavlu Ö. H., Kömürcü H.
Physicochemical Problems of Mineral Processing, vol.59, no.5, 2023 (SCI-Expanded)
- VII. **Hydrothermal treatment of sphalerite and pyrite particles with CuSO₄ solution**
Kritskii A., CELEP O., YAZICI E. Y., DEVECİ H., Naboichenko S.
Minerals Engineering, vol.180, 2022 (SCI-Expanded)
- VIII. **A novel method for the recovery of silver from thiosulphate leach solutions using trimercapto-s-triazine (TMT)**
Ahlatici F., Yazici E. Y., Yilmaz E., Celep O., DEVECİ H.
MINERALS ENGINEERING, vol.177, 2022 (SCI-Expanded)
- IX. **Precipitation of copper from cyanide leach solutions using sodium dimethyldithiocarbamate (SDDC)**
Yilmaz E., Yazici E. Y., AHLATCI F., Celep O., DEVECİ H.
HYDROMETALLURGY, vol.202, 2021 (SCI-Expanded)
- X. **A novel approach based on solvent displacement crystallisation for iron removal and copper recovery from solutions of semi-pilot scale bioleaching of WPCBs**
Erust C., Akcil A., TUNCUK A., DEVECİ H., YAZICI E. Y., PANDA S.
Journal of Cleaner Production, vol.294, 2021 (SCI-Expanded)
- XI. **Extraction of Metals from Scrap Marble Cutting Segments in Nitric Acid Solutions**
CELEP O., Orak M., YAZICI E. Y., DEVECİ H.
JOM, vol.73, no.3, pp.923-933, 2021 (SCI-Expanded)
- XII. **A Multi-stage Process for Recovery of Neodymium (Nd) and Dysprosium (Dy) from Spent Hard Disc Drives (HDDs)**
Erust C., Akcil A., Tuncuk A., Deveci H., Yazici E. Y.
Mineral Processing and Extractive Metallurgy Review, vol.42, no.2, pp.90-101, 2021 (SCI-Expanded)
- XIII. **Precipitation of zinc from cyanide leach solutions using Trimercapto-s-triazine (TMT)**
Yazici E. Y., Ahlatci F., Yilmaz E., Celep O., Deveci H.
HYDROMETALLURGY, vol.191, 2020 (SCI-Expanded)
- XIV. **Characterization of a refractory arsenical silver ore by mineral liberation analysis (MLA) and diagnostic leaching**
CELEP O., YAZICI E. Y., ALTINKAYA P., DEVECİ H.
HYDROMETALLURGY, vol.189, 2019 (SCI-Expanded)
- XV. **Atıklardan Siyanürün Geri Kazanımı: SART Prosesi**
YILMAZ E., YAZICI E. Y., CELEP O., DEVECİ H.
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.9, no.3, pp.600-615, 2019 (AHCI)
- XVI. **Atıklardan Siyanürün Geri Kazanımı: SART Prosesi**
YILMAZ E., YAZICI E. Y., CELEP O., DEVECİ H.
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.9, no.3, pp.600-615, 2019 (AHCI)
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- XVIII. **Atıklardan Siyanürün Geri Kazanımı: SART Prosesi**
YILMAZ E., YAZICI E. Y., CELEP O., DEVECİ H.
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.9, no.3, pp.600-615, 2019 (AHCI)
- XIX. **Thiosulphate leaching of silver from an arsenical refractory ore**
CELEP O., ALTINKAYA P., YAZICI E. Y., DEVECİ H.
MINERALS ENGINEERING, vol.122, pp.285-295, 2018 (SCI-Expanded)
- XX. **Recovery of silver from cyanide leach solutions by precipitation using Trimercapto-s-triazine (TMT)**
YAZICI E. Y., YILMAZ E., AHLATCI F., CELEP O., DEVECİ H.
HYDROMETALLURGY, vol.174, pp.175-183, 2017 (SCI-Expanded)
- XXI. **Influence of polyoxometallates as additive on electro-winning of copper**

- EHSANİ A., YAZICI E. Y., DEVECİ H.
HYDROMETALLURGY, vol.162, pp.79-85, 2016 (SCI-Expanded)
- XXII. **Improvement of Silver Extraction by Ultrafine Grinding Prior to Cyanide Leaching of the Plant Tailings of a Refractory Silver Ore**
CELEP O., BAS A. D., YAZICI E. Y., ALP İ., DEVECİ H.
MINERAL PROCESSING AND EXTRACTIVE METALLURGY REVIEW, vol.36, no.4, pp.227-236, 2015 (SCI-Expanded)
- XXIII. **Treatment of copper-rich gold ore by cyanide leaching, ammonia pretreatment and ammoniacal cyanide leaching**
Bas A. D., Yılmaz E., Yazıcı E. Y., Deveci H.
TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA, vol.25, no.2, pp.597-607, 2015 (SCI-Expanded)
- XXIV. **Cupric chloride leaching (HCl-CuCl₂-NaCl) of metals from waste printed circuit boards (WPCBs)**
YAZICI E. Y., DEVECİ H.
INTERNATIONAL JOURNAL OF MINERAL PROCESSING, vol.134, pp.89-96, 2015 (SCI-Expanded)
- XXV. **Improvement of Silver Extraction by Ultra-fine Grinding prior to Cyanide Leaching of the Plant Tailings of a Refractory Silver Ore**
CELEP O., BAŞ A. D., YAZICI E. Y., DEVECİ H., Alp İ.
MINERAL PROCESSING AND EXTRACTIVE METALLURGY REVIEW, vol.36, pp.227-236, 2015 (SCI-Expanded)
- XXVI. **Ferric sulphate leaching of metals from waste printed circuit boards**
YAZICI E. Y., DEVECİ H.
INTERNATIONAL JOURNAL OF MINERAL PROCESSING, vol.133, pp.39-45, 2014 (SCI-Expanded)
- XXVII. **Treatment of manufacturing scrap TV boards by nitric acid leaching**
Bas A. D., DEVECİ H., YAZICI E. Y.
SEPARATION AND PURIFICATION TECHNOLOGY, vol.130, pp.151-159, 2014 (SCI-Expanded)
- XXVIII. **Ultra fine grinding of silver plant tailings of refractory ore using vertical stirred media mill**
CELEP O., YAZICI E. Y.
TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA, vol.23, no.11, pp.3412-3420, 2013 (SCI-Expanded)
- XXIX. **Extraction of metals from waste printed circuit boards (WPCBs) in H₂SO₄-CuSO₄-NaCl solutions**
YAZICI E. Y., DEVECİ H.
HYDROMETALLURGY, vol.139, pp.30-38, 2013 (SCI-Expanded)
- XXX. **Bioleaching of copper from low grade scrap TV circuit boards using mesophilic bacteria**
Bas A. D., DEVECİ H., YAZICI E. Y.
HYDROMETALLURGY, vol.138, pp.65-70, 2013 (SCI-Expanded)
- XXXI. **Recovery of silver from X-ray film processing effluents by hydrogen peroxide treatment**
Bas A. D., YAZICI E. Y., DEVECİ H.
HYDROMETALLURGY, vol.121, pp.22-27, 2012 (SCI-Expanded)
- XXXII. **Aqueous metal recovery techniques from e-scrap: Hydrometallurgy in recycling**
TUNCUK A., Stazi V., AKÇİL A. U., YAZICI E. Y., DEVECİ H.
MINERALS ENGINEERING, vol.25, no.1, pp.28-37, 2012 (SCI-Expanded)
- XXXIII. **Recovery of Silver from X-Ray Film Processing Effluents Using Trimercapto-s-triazine (TMT)**
YAZICI E. Y., DEVECİ H., Yazici R.
SEPARATION SCIENCE AND TECHNOLOGY, vol.46, no.14, pp.2231-2238, 2011 (SCI-Expanded)
- XXXIV. **Leachable Characteristics of Arsenical Borogypsum Wastes and Their Potential Use in Cement Production**
Alp İ., DEVECİ H., Sungun Y. H., YAZICI E. Y., Savas M., Demirci S.
ENVIRONMENTAL SCIENCE & TECHNOLOGY, vol.43, no.18, pp.6939-6943, 2009 (SCI-Expanded)
- XXXV. **Treatment of cyanide effluents by oxidation and adsorption in batch and column studies**
YAZICI E. Y., DEVECİ H., ALP İ.
JOURNAL OF HAZARDOUS MATERIALS, vol.166, pp.1362-1366, 2009 (SCI-Expanded)
- XXXVI. **Potential use of pyrite cinders as raw material in cement production: Results of industrial scale trial operations**
ALP İ., DEVECİ H., YAZICI E. Y., TÜRK T., Sungun Y. H.

- JOURNAL OF HAZARDOUS MATERIALS, vol.166, no.1, pp.144-149, 2009 (SCI-Expanded)
- XXXVII. **Generation of hydrogen peroxide and removal of cyanide from solutions using ultrasonic waves**
Yazici E. Y., Deveci H., Alp I., Uslu T.
DESALINATION, vol.216, pp.209-221, 2007 (SCI-Expanded)
- XXXVIII. **Removal of cyanide from aqueous solutions by plain and metal-impregnated granular activated carbons**
Deveci H., Yazici E. Y., Alp I., Uslu T.
INTERNATIONAL JOURNAL OF MINERAL PROCESSING, vol.79, no.3, pp.198-208, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **A comparison of ion-exchange resins and activated carbon in recovering gold from cyanide leach solutions with low levels of copper**
Msumange D. A., YAZICI E. Y., CELEP O., Devec H.
BULLETIN OF THE MINERAL RESEARCH AND EXPLORATION, vol.168, pp.35-41, 2022 (ESCI)
- II. **Recovery of lithium from ores and brines**
DEVECİ H., CELEP O., YAZICI E. Y.
Scientific Mining Journal, vol.61, pp.105-120, 2022 (Scopus)
- III. **BAKIR İÇEREN SİYANÜR LİÇİ ÇÖZELTİLERİNDEN ALTININ SEÇİMLİ OLARAK KAZANIMINDA ADSORBANLARIN ETKİNLİĞİ**
Msumange A. D., YAZICI E. Y., DEVECİ H., CELEP O.
Scientific Mining Journal, vol.60, pp.21-30, 2021 (Scopus)
- IV. **Nadir toprak elementlerinin birincil ve ikincil kaynaklardan üretimi**
CELEP O., YAZICI E. Y., DEVECİ H.
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.11, pp.264-280, 2021 (Peer-Reviewed Journal)
- V. **Leaching behaviour of lithium from a clay sample of Kırka borate deposit in sulfuric acid solutions**
Obut A., Ehsani İ., Aktosun Z., Yörükoğlu A., Girgin İ., Temel A., Deveci H.
BOR DERGİSİ, vol.5, no.4, pp.170-175, 2020 (Peer-Reviewed Journal)
- VI. **KRİTİK METAL KONUMUNDAKİ KOBALTIN BİRİNCİL VE İKİNCİL KAYNAKLARDAN ÜRETİMİ**
YAYLALI B., YAZICI E. Y., CELEP O., DEVECİ H.
Bilimsel Madencilik Dergisi, vol.59, no.1, pp.35-50, 2020 (Scopus)
- VII. **INVESTIGATION OF THE AMENABILITY OF A COPPER-RICH REFRACTORY GOLD ORE TO CYANIDE LEACHING**
Msumange D. A., Yazıcı E. Y., Celep O., Deveci H.
Bilimsel Madencilik Dergisi, vol.59, no.4, pp.225-234, 2020 (Scopus)
- VIII. **Influence of a polycarboxylate based solution on stability of hydrogen peroxide and application to e-waste leaching**
YAZICI E. Y.
Acta Metallurgica Slovaca, vol.26, no.1, pp.17-23, 2020 (ESCI)
- IX. **LİÇ Atıklarından Siyanürün Geri Kazanımı Yöntemleri**
YILMAZ E., YAZICI E. Y., CELEP O., DEVECİ H.
BİLİMSEL MADENCİLİK DERGİSİ, vol.58, no.1, pp.53-71, 2019 (Scopus)
- X. **LİÇ ATIKLARINDAN SİYANÜRÜN GERİ KAZANIMI YÖNTEMLERİ**
YILMAZ E., YAZICI E. Y., CELEP O., DEVECİ H.
BİLİMSEL MADENCİLİK DERGİSİ, vol.58, no.1, pp.53-71, 2019 (Scopus)
- XI. **LİÇ ATIKLARINDAN SİYANÜRÜN GERİ KAZANIMI YÖNTEMLERİ**
YILMAZ E., YAZICI E. Y., CELEP O., DEVECİ H.
Bilimsel Madencilik Dergisi, vol.58, pp.53-71, 2019 (Scopus)
- XII. **LİÇ ATIKLARINDAN SİYANÜRÜN GERİ KAZANIMI YÖNTEMLERİ**
YILMAZ E., YAZICI E. Y., CELEP O., DEVECİ H.

- BİLİMSEL MADENCİLİK DERGİSİ, vol.58, no.1, pp.53-71, 2019 (Scopus)
- XIII. **Altın Cevherlerinin Karakterizasyonunda Kullanılan Mikro Analitik Yöntemler (Micro-Analytical Methods Used in Characterization Of Gold Ores)**, Bilimsel Madencilik Dergisi
CELEP O., BAŞ A. D., YAZICI E. Y., DEVECİ H.
Bilimsel Madencilik, vol.57, no.4, pp.281-298, 2018 (Scopus)
- XIV. **Atık Siyanür Çözeltilerinden Anyonik Reçineler ile Ağır Metallerin Adsorpsiyonu**
AHLATCI F., YILMAZ E., YAZICI E. Y., CELEP O., DEVECİ H.
Bilimsel Madencilik, vol.57, pp.17-22, 2018 (Scopus)
- XV. **Atık Siyanür Çözeltilerinden Anyonik Reçineler ile Ağır Metallerin Adsorpsiyonu (Adsorption of Heavy Metals From Waste Cyanide Solutions With Anionic Resins)**
AHLATCI F., YILMAZ E., YAZICI E. Y., CELEP O., DEVECİ H.
Bilimsel Madencilik, vol.57, pp.17-22, 2018 (Scopus)
- XVI. **LİÇ ATIKLARINDAN SİYANÜRÜN GERİ KAZANIMI YÖNTEMLERİ**
YILMAZ E., YAZICI E. Y., CELEP O., DEVECİ H.
BİLİMSEL MADENCİLİK DERGİSİ, vol.58, no.1, pp.53-71, 2018 (Scopus)
- XVII. **Bakırlı Altın Cevherlerinden Altın Kazanımı**
YAZICI E. Y., CELEP O., DEVECİ H.
Madencilik Türkiye, vol.75, pp.146-150, 2018 (Non Peer-Reviewed Journal)
- XVIII. **Atık Siyanür Çözeltilerinden Anyonik Reçineler İle Ağır Metallerin Adsorpsiyonu**
AHLATCI F., YILMAZ E., YAZICI E. Y., CELEP O., DEVECİ H.
Bilimsel Madencilik, pp.17-22, 2018 (Scopus)
- XIX. **ATIK SİYANÜR ÇÖZELTİLERİNDEN ANYONİK REÇİNELER İLE AĞIR METALLERİN ADSORPSİYONU**
AHLATCI F., YILMAZ E., YAZICI E. Y., CELEP O., DEVECİ H.
Bilimsel Madencilik, 2018 (Scopus)
- XX. **Altın Cevherlerinin Karakterizasyonunda Kullanılan Mikro Analitik Yöntemler**
CELEP O., BAŞ A. D., YAZICI E. Y., DEVECİ H.
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- XXI. **Tiyosülfat Liçi: Yüklü Liç Çözeltilerinden Altın Kazanımı ve Endüstriyel Uygulamalar – Bölüm II**
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International Conference of Modern Management of Mine Producing, Geology and Environmental Protection (SGEM), Varna, Bulgaria, 14 - 18 June 2004, pp.259-266

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International Conference of Modern Management of Mine Producing, Bulgaria, 9 - 13 June 2003

Supported Projects

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CELEP O., DEVECİ H., YAZICI E. Y., Project Supported by Higher Education Institutions, Lityum İyon Pillerden Hidrometalurjik Yöntemlerle Metallerin Geri Kazanımı, 2021 - Continues

Yazıcı E. Y., Deveci H., Celep O., EU Supported Other Project, End-of-life Li-ion battery management integration and technology evaluation (ELiMINATE) (Atık Li-iyon pil yönetimi, entegrasyonu ve teknolojilerin değerlendirilmesi), 2021 - 2024

YAZICI E. Y., YACİNE LAWAN İBRAHİM B. O., AHLATCI F., DEVECİ H., CELEP O., YILMAZ E., Project Supported by Higher Education Institutions, Atık Baskılı Devre Kartlarından Metallerin Havalı Ayırma ve Glisin Liçi ile Kazanımı, 2020 - 2024
DEVECİ H., YAZICI E. Y., CELEP O., YILMAZ E., Project Supported by Higher Education Institutions, Elektronik Atıklardan Metallerin Geri Kazanımı İçin Yeni Reaktif Sistemlerinin Araştırılması, 2020 - 2024

Ahlatcı F., Yazıcı E. Y., Deveci H., Celep O., Project Supported by Higher Education Institutions, Atık Kesici Uçlardan

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DEVECİ H., YAZICI E. Y., CELEP O., YILMAZ E., AHLATCI F., MSUMANGE D. A., Project Supported by Higher Education Institutions, İyon Değiştirici Reçineler Kullanılarak Yüksek Bakır İçeren Cevherlerden Altın Kazanımı, 2018 - 2021

Celep O., Yazıcı E. Y., Deveci H., TUBITAK Project, Mermer Üretiminde Kullanılan Soket Atıklarından Sentetik Elmas Ve Metallerin Geri Kazanımı, 2017 - 2020

YAZICI E. Y., CELEP O., KUZU M., DEVECİ H., Project Supported by Higher Education Institutions, Refrakter Cevherlerden Altın Kazanımında Liç Performansının Arttırılması, 2016 - 2019

YAZICI E. Y., DEVECİ H., AHLATCI F., KOÇ E., CELEP O., KUZU M., Project Supported by Higher Education Institutions, Elektronik Atıklardan Metallerin Gravite Ayırma Yöntemleri ile Geri Kazanımı, 2015 - 2019

YAZICI E. Y., Other International Funding Programs, Biotechnological Approach For Recovery Of Rare Earth Elements And Precious Metals From E-Waste – (BIOREEs), 2014 - 2018

YAZICI E. Y., TUBITAK Project, Altın Yüklü Liç Çözeltilerinin Saflaştırılması, Metallerin Uzaklaştırılması Ve Siyanürün Geri Kazanımı İçin Yeni Bir Yöntemin Geliştirilmesi (Development of a Novel Process for Solution Purification, Removal of Metals and Recovery of Cyanide from Gold-Laden Pregnant Leach Solutions), 2014 - 2017

YAZICI E. Y., TUBITAK Project, Refrakter Cevher ve Tesis Atıklarından İnce Öğütme Sonrası Siyanür ve Tiyosülfat Liçi İle Gümüşün Kazanımı (Silver recovery by thiosulphate and ultra-fine grinding from refractory ore and plant tailings), 2014 - 2016

TUBITAK Project, Elektronik Atıklardan Metallerin Fiziksel Ve Hidrometalurjik Yöntemlerle Geri Kazanımı (Recycling and Recovery of Metals from Electronic Wastes using Physical Separation and Hydrometallurgical Processes), 2009 - 2012

Activities in Scientific Journals

Fırat Üniversitesi Deneysel ve Sayısal Mühendislik Dergisi / Fırat University Journal of Experimental and Computational Engineering(FUJECE), Committee Member, 2021 - Continues

Chemical and Materials Engineering, Committee Member, 2013 - Continues

Memberships / Tasks in Scientific Organizations

Maden Mühendisleri Odası, Member, 2002 - Continues

COST Action, CA20133 - Cross-Border Transfer and Development of Sustainable Resource Recovery Strategies Towards Zero Waste (WG2 member), Member, 2021 - 2025, Belgium

COST Action, CA18224 - Green Chemical Engineering Network towards upscaling sustainable processes (MC member), Country Representative, 2019 - 2023, Belgium

The Australasian Institute of Mining and Metallurgy (AusIMM), Member, 2010 - 2011

Scientific Refereeing

Communications Chemistry, Other Indexed Journal, May 2021

Waste Management, SCI Journal, January 2020

Journal of Rare Earths, SCI Journal, January 2020

Dokuz Eylül Üniversitesi (DEÜ) Mühendislik Fakültesi Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, June 2019

Bilimsel Madencilik Dergisi, National Scientific Refreed Journal, June 2019

Waste Management, SCI Journal, June 2019

Resources, Conservation & Recycling, SCI Journal, May 2018

Water, Air, & Soil Pollution, SCI Journal, March 2018

Hydrometallurgy, SCI Journal, November 2017

Chemical Engineering and Processing: Process Intensification, SCI Journal, May 2017

Çukurova Mühendislik-Mimarlık Fakültesi Dergisi, National Scientific Refreed Journal, May 2017

Minerals & Metallurgical Processing, SCI Journal, May 2017

Waste Management, SCI Journal, April 2017

Hydrometallurgy, SCI Journal, February 2017

Waste Management, SCI Journal, August 2016

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International Journal of Mineral Processing (IJMP), SCI Journal, April 2015

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Environmental Science & Technology, SCI Journal, April 2015

Hydrometallurgy, SCI Journal, January 2015

Separation Science and Technology, SCI Journal, January 2015

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Scientific Research / Working Group Memberships

Hydromet B&PM Research Group (Hydrometallurgy of Base and Precious Metals), KARADENİZ TEKNİK ÜNİVERSİTESİ, Turkey, www.hydrometbpm.com, 2010 - Continues

Metrics

Publication: 191

Citation (WoS): 1373

Citation (Scopus): 1727

H-Index (WoS): 17

H-Index (Scopus): 18

Congress and Symposium Activities

Madencilik Çalıştayı (Mining Workshop), 2019. Organised by Gümüşhane University, 17-18 October, Gümüşhane., Attendee, Gümüşhane, Turkey, 2019

Nadir Toprak Elementleri Çalıştayı (Rare Earth Elements Workshop), 2019. Organised by MUNTEAM (Munzur University Rare Earth Elements Application and Research Center) at Munzur University and FIRAT Development Agency, 20-21 June, Tunceli., Attendee, Tunceli, Turkey, 2019

1. Nadir Toprak Elementleri ve Toryum Çalıştayı (1. Rare Earth Elements and Thorium Workshop), 2019. Organised by ETİ MADEN General Directorate, 11-12 June, Kırka Boron Mine Works, Eskişehir., Attendee, Eskişehir, Turkey, 2019

International Health-Care Waste Workshop, Organised by Turkish National Committee (Katı Atık Kirlenmesi Araştırma ve Denetimi Türk Milli Komitesi), Boğaziçi Univ., ISWA and Kriton Curi Environment Foundation. Certified by Turkish National Committee on Solid Waste and International Solid Waste Association (ISWA) Health-Care Waste Working Group, 24-27 September, Gaziantep, Attendee, Gaziantep, Turkey, 2018

TÜRKİYE (Türkiye'de Tüm Yönleriyle Atık Yönetimi Paneli), 21-22 October, Attendee, Ankara, Turkey, 2015

Scholarships

Başarılı lisans öğrencileri için karşılıksız burs, Foundation, 1999 - Continues