

Assoc. Prof. Savaş ÖZÜN

Personal Information

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Education Information

Post Doctorate, University of Utah, College Of Mines And Earth Sciences, Department Of Metallurgical Engineering, United States Of America 2017 - 2018

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Graduate School Of Natural And Applied Sciences, Turkey 2002 - 2012

Under Graduate, Eskisehir Osmangazi University, Faculty Of Engineering And Architecture, Department Of Mining Engineering, Turkey 1997 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Flotation characteristics of minerals in feldspar ores, Middle East Technical University, Graduate School Of Natural And Applied Sciences, 2012

Research Areas

Mining Engineering and Technology, Ore-Dressing, Benefication by Gravity, Dense-Medium, Magnetic and Electrostatic, Flotation and Flocculation, Dewatering, Coal Preparation, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Suleyman Demirel University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2020 - Continues

Assistant Professor, Suleyman Demirel University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2013 - 2020

Research Assistant, Middle East Technical University, Faculty Of Engineering, Department Of Mining Engineering, 2002 - 2012

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

- I. **Study of adsorption characteristics of long chain alkyl amine and petroleum sulfonate on silicates by electrokinetic potential, microflotation, FTIR, and AFM analyses**
ÖZÜN S., ATALAY M. V. , DEMİRCİ Ş.
PARTICULATE SCIENCE AND TECHNOLOGY, vol.37, no.4, pp.488-499, 2019 (Journal Indexed in SCI)
- II. **Coagulation and flocculation behavior of fines in foid-bearing rock processing plant (FRPP) wastewater at alkaline environment**

- Ozun S., Ulus D. A.
POWDER TECHNOLOGY, vol.344, pp.335-342, 2019 (Journal Indexed in SCI)
- III. **Collectorless flotation of oxidized pyrite**
Ozun S., Hassas B. V. , Miller J. D.
COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS, vol.561, pp.349-356, 2019
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- IV. **Determination of Optimum Parameters for Flotation of Galena: Effect of Chain Length and Chain Structure of Xanthates on Flotation Recovery**
Özün S., Ergen G.
ACS Omega, vol.4, no.1, pp.1516-1524, 2019 (Journal Indexed in SCI)
- V. **Interfacial Behavior of Anionic/Cationic Flotation Collectors in Mixed Aqueous Solutions and Their Effect on Flotation Recovery of Quartz**
Ozun S., ULUTAŞ S.
JOURNAL OF SURFACTANTS AND DETERGENTS, vol.22, no.1, pp.61-71, 2019 (Journal Indexed in SCI)
- VI. **A COMPARATIVE STUDY ON INTERACTIONS OF IONIC COLLECTORS WITH ORTHOCLASE**
ÖZÜN S., Atalay M. U.
PHYSICO-CHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.52, no.2, pp.955-972, 2016 (Journal Indexed in SCI)
- VII. **Rheological properties of asphaltite-water slurries**
HİÇYILMAZ C., Ozun S., Altun N. E.
ENERGY & FUELS, vol.20, no.5, pp.2037-2045, 2006 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **MADENCİLİKTE ATIKSU YÖNETİMİ VE KATI/SIVI AYRIMI**
ÖZÜN S.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.8, no.4, pp.1278-1289, 2020 (Refereed Journals of Other Institutions)
- II. **An Investigation on the Turbidity Removal from Natural Stone Processing Plant Wastewater by Flocculation**
ÖZÜN S., AĞIRTIŞ ULUS D.
Journal of the Polish Mineral Engineering Society, vol.2, no.1, pp.157-162, 2020 (Journal Indexed in ESCI)
- III. **Pomza'xxnın Fiziksel Özelliklerinin Kuru Birim Hacim Ağırlığı ve Termal İletkenliği Üzerine Etkileri**
ÖZÜN S.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, pp.26-32, 2019 (Other Refereed National Journals)
- IV. **Investigation on possibility of opaque minerals removal from foid bearing rock**
ÖZÜN S., ATALAY M. Ü. , KADIOĞLU Y. K.
Górnictwo i Geoinżynieria AGH Journal of Mining and Geoengineering, vol.33, no.4, pp.269-276, 2009 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **An Investigation on the Turbidity Removal From Natural Stone Processing Plant Wastewater by Flocculation**
ÖZÜN S., AĞIRTIŞ ULUS D.
23rd International Conference on Environment and Mineral Processing, Ostrava, Czech Republic, 30 May - 01 June 2019, vol.1, pp.209-215
- II. **Düz Zincirli Ksantatların Toplayıcı Derişimi ve Hava Akış Hızına (HAH) Bağlı Olarak Galen Flotasyonuna Etkisinin İncelenmesi**
ERGEN G., ÖZÜN S., LIU W.

26th International Mining Congress and Exhibition of Turkey, Antalya, Turkey, 16 - 19 April 2019, vol.1, pp.787-794

- III. **Maden İşletme ve Cevher Zenginleştirme Tesislerinde Atıksu Yönetimi**
ÖZÜN S.
1. Uluslararası İçmesuyu ve Atıksu Sempozyumu, Afyonkarahisar, Turkey, 6 - 07 December 2018, vol.1, pp.73-84
- IV. **Endüstriyel Hammadde Olarak Pomza: Önemi, Özellikleri ve Kullanım Alanları**
ÖZÜN S., SİVRİKAYA O.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, vol.1, pp.1471-1476
- V. **Interaction of Ionic Collectors with Feldspars and Their Influences on Flotation Recovery**
ÖZÜN S., ATALAY M. Ü.
16th International Mineral Processing Symposium (IMPS 2018), Antalya, Turkey, 23 - 25 October 2018, vol.1, pp.639-647
- VI. **Ultrasound Treatment for the Collectorless Flotation of Oxidized Pyrite**
ÖZÜN S., VAZIRI HASSAS B., MIILER J. D.
2018 Society for Mining, Metallurgy and Exploration (SME) Annual Conference and Expo, Minneapolis, United States Of America, 25 - 28 February 2018
- VII. **Mekanize Tünel Açma Esnasında Zemin İyileştirmede Kullanılan Killerin Kesme Performansına Etkileri**
DOĞRUÖZ C., ÖZÜN S., GÜLSÜN KILIÇ M., TOLKACH O.
Uluslararası Madencilik ve Çevre Sempozyumu, Muğla, Turkey, 27 - 29 September 2017, vol.1, pp.469-477
- VIII. **Zemin İyileştirmede Kullanılan Katkı Maddelerinin Kesici Uçlar ve Havalandırma Açısından Önemi**
DOĞRUÖZ C., ÖZÜN S., GÜLSÜN KILIÇ M.
Türkiye 25. Uluslararası Madencilik Kongresi ve Sergisi, Antalya, Turkey, 11 - 14 April 2017, vol.1, pp.548-553
- IX. **Effect of Air Flow Rate AFR on Flotation Recovery Response of Galena with KEX Potassium Ethyl Xanthate**
ÖZÜN S., ERGEN G.
Mineral Engineering Conference MEC2016, ŚWIERADÓW ZDRÓJ, 25 - 28 September 2016
- X. **Phonolite A Feldspar Substitute for Ceramic Industry**
ÖZÜN S., ULUTAŞ Ş.
Mineral Engineering Conference MEC2016, ŚWIERADÓW ZDRÓJ, Poland, 23 - 28 September 2016
- XI. **Feldspat Flotasyonunda Kullanılan Katyonik ve Anyonik Tür Toplayıcıların Miktar ve Ortam pH'sına Bağlı Bulanıklık Değişimlerinin İncelenmesi**
ÖZÜN S., ÖZDEMİR U.
5. Madencilik ve Çevre Sempozyumu, Antalya, Turkey, 26 - 27 November 2015, vol.1, pp.332-342
- XII. **An Investigation on the Washability Treatment for the Removal of Serpentine and Magnesite from Olivine in Three Three Different Size Fractions**
UMUCU Y., DENİZ V., ÖZÜN S., HATİPOĞLU A., TAMGÜÇ B., TUNAY T.
XVI Balkan Mineral Processing Congress, Belgrade, Serbia And Montenegro, 16 - 19 June 2015, vol.1, pp.245-248
- XIII. **Albit Flotasyonunda Kullanılan Toplayıcıların Minerallerle Olan Etkileşiminin Askıda Damla Yöntemiyle İncelenmesi**
ÖZÜN S., KINAY G.
9. Uluslararası Endüstriyel Hammaddeler Sempozyumu, İzmir, Turkey, 14 - 15 May 2015, vol.1, pp.389-398
- XIV. **Anyonik ve Katyonik Türü Toplayıcı Ortoklaz Etkileşiminin Yüzey Gerilim Ölçümleri ile Belirlenmesi**
ÖZÜN S., ŞEMSETTİN U.
Türkiye 24. Uluslararası Madencilik Kongresi ve Sergisi (IMCET 2015), Antalya, Turkey, 14 - 17 April 2015, vol.1, pp.916-922
- XV. **Effect of Anionic and Cationic Flotation Collectors Amount and pH on Surface Tension**
KINAY G., ÖZÜN S.
14th International Mineral Processing Symposium, Aydın, Turkey, 15 - 17 October 2014, vol.1, pp.267-272
- XVI. **Anyonik ve Katyonik Tür Toplayıcıların Mika Mineralleri Üzerine Adsorplanmasının Atomik Kuvvet**

Mikroskobu Kullanılarak İncelenmesi

ÖZÜN S., ATALAY M. Ü. , GEWIRTH A.

8. Uluslararası Endüstriyel Hammaddeler Sempozyumu, İstanbul, Turkey, 29 - 30 November 2012, vol.1, pp.295-304

XVII. **Şarkıkaraağaç'ın Madeni Değeri Barit'in Geliştirilmesine Yönelik Bir Değerlendirme: Stratejik Sinerji Analizi**

ÖZÜN S., KAPLAN M.

Isparta İli Değerleri ve Değer Yaratma Potansiyeli Sempozyumları, Isparta, Turkey, 26 April - 03 May 2010, pp.1024-1031

XVIII. **Investigation of the Rheological Behavior of Asphaltite Water Slurries Possible Mechanisms and Their Impacts on Viscosity**

ALTUN N. E. , ÖZÜN S., HIÇYILMAZ C.

11th International Mineral Processing Symposium, Antalya, Turkey, 21 - 23 October 2008, vol.1, pp.1145-1153

XIX. **A Study on the Rheological Behaviour of Asphaltite Water Slurries**

ÖZÜN S., ALTUN N. E. , CAHİT H.

12th International Conference on Environment and Mineral Processing Exhibition, Ostrava, Czech Republic, 5 - 07 June 2008, vol.1, pp.289-294

XX. **The Effect of Comminution Type on Combustion Properties of Coal**

ÖZÜN S., HIÇYILMAZ C.

XI Balkan Mineral Processing Congress, Tirane, Albania, 22 - 26 May 2005, vol.1, pp.61-66

Activities in Scientific Journals

Mühendislik ve Tasarım Bilimleri Dergisi, Committee Member, 2020 - Continues

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Committee Member, 2015 - Continues

Citations

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