

## Asst. Prof. YAŞAR HAKAN GÜRSOY

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-8987-7818

Publons / Web Of Science ResearcherID: AAA-5050-2020

ScopusID: 55970727800

Yoksis Researcher ID: 182032

### Education Information

Doctorate, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, Maden Mühendisliği Bölümü, Turkey 1998 - 2007

Postgraduate, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Cevher Hazırlama (YI) (Tezli), Turkey 1995 - 1998

Undergraduate, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, Maden Mühendisliği Bölümü, Turkey 1991 - 1995

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Jameson flotasyon hücresinde ince taneli kompleks bakır cevherlerinin zenginleştirilebilirliği, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, Maden Mühendisliği Bölümü, 2007

Postgraduate, Sarıkaya yöresi altere granitlerinden feldspatin kazanımı, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Cevher Hazırlama (YI) (Tezli), 1998

### Research Areas

Size Reduction and Size Increasing of Solids, Grinding and Abrasion Materials Technology, Communiton-Sizing-Classification, Benefication by Gravity, Dense-Medium, Magnetic and Electrostatic, Flotation and Flocculation

### Academic Titles / Tasks

Assistant Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MADEN MÜHENDİSLİĞİ BÖLÜMÜ, 2014 - Continues

Research Assistant, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MADEN MÜHENDİSLİĞİ BÖLÜMÜ, 1998 - 2014

## Academic and Administrative Experience

Deputy Head of Department, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MADEN MÜHENDİSLİĞİ BÖLÜMÜ, 2020 - Continues

Deputy Director of the Center, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MADEN MÜHENDİSLİĞİ BÖLÜMÜ, 2015 - 2020

## Courses

SPECIALIZATION COURSE, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
seminar, Undergraduate, 2020 - 2021

MASTER'S THESIS STUDY, Postgraduate, 2020 - 2021, 2019 - 2020

technical drawing, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

MAGNETIC SEPERATION, Postgraduate, 2020 - 2021, 2019 - 2020

INNOVATION AND ENTREPRENEURSHIP, Undergraduate, 2020 - 2021, 2019 - 2020

GRINDING TECHNOLOGY, Undergraduate, 2018 - 2019, 2017 - 2018

TECHNICAL DRAWING, Undergraduate, 2018 - 2019, 2017 - 2018

TECHNICAL DRAWING, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The relationships between the kinetic grinding parameters with interstitial fillings and the liberation degree of a chromite ore**  
UMUCU Y., Deniz V., GÜRSOY Y. H., TOKCAN I., Arsoy Z.  
Physicochemical Problems of Mineral Processing, vol.59, no.5, 2023 (SCI-Expanded)
- II. **Ultrasonic treatment and its applicability for the selective treatment of borax clayey waste sludge**  
GÜRSOY Y. H., KURAMA H.  
Physicochemical Problems of Mineral Processing, vol.57, no.5, pp.80-90, 2021 (SCI-Expanded)
- III. **Comparison of Jameson cell and jet diffuser flotation column**  
BİLİR K., UÇAR A., ŞAHBAZ O., GURSOY H., Oteyaka B.  
Physicochemical Problems of Mineral Processing, vol.54, no.1, pp.174-181, 2018 (SCI-Expanded)
- IV. **EFFECTS OF AIR-TO-PULP RATIO AND BIAS FACTOR ON FLOTATION OF COMPLEX Cu-Zn SULPHIDE ORE IN THE JAMESON CELL**  
GÜRSOY Y. H., Oteyaka B.  
PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.51, no.2, pp.511-519, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Artificial Intelligence In Mineral Processing: Transforming Mining Operations Through Smart Technology**  
Umucu Y., Deniz V., Gürsoy Y. H.  
Scientific Mining Journal, vol.63, no.2, pp.7-37, 2024 (Scopus)
- II. **INVESTIGATION OF ENERGY - TECHNOLOGY DEVELOPMENT IN ULTRA FINE GRINDING**  
UMUCU Y., DENİZ V., GÜRSOY Y. H.  
Eskişehir Osmangazi Üniversitesi mühendislik ve mimarlık fakültesi dergisi (online), vol.31, no.4, pp.1060-1076, 2023 (Peer-Reviewed Journal)
- III. **INVESTIGATION OF THE RELATIONSHIP BETWEEN BOND GRINDABILITY TEST AND STATIC AND DYNAMIC STRENGTH OF ROCKS**  
UMUCU Y., GÜRSOY Y. H.  
Eskişehir Osmangazi Üniversitesi mühendislik ve mimarlık fakültesi dergisi (online), vol.30, no.1, pp.79-89, 2022

(Peer-Reviewed Journal)

- IV. **THE EFFECT OF PARTICLE SIZE ON THE ENRICHMENT OF A LOW GRADE MANGANESE ORE BY DRY MAGNETIC SEPARATION**  
GÜRSOY Y. H.  
Eskişehir Osmangazi Üniversitesi mühendislik ve mimarlık fakültesi dergisi (online), vol.29, no.3, pp.337-345, 2021  
(Peer-Reviewed Journal)
- V. **Doğal Grafit İhracatı Yoğunlaşmasının Ekonomik Büyüme Üzerindeki Etkisi**  
KONUĞ A., GÜRSOY Y. H., AK H.  
Eskişehir Osmangazi Üniversitesi Mühendislik ve Mimarlık Fakültesi Dergisi (online), vol.29, no.3, pp.316-327, 2021 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Ball Mill Optimization in The Cement Grinding Plant**  
Umucu Y., Ünal N., Fırat A., Deniz V., Gürsoy Y. H., Sendir H.  
XVIII. The International Mineral Processing Symposium (IMPS), Eskişehir, Turkey, 16 - 18 October 2024, vol.1, pp.103-109
- II. **The Effect of Kinetics Model Parameters in Coarse and Fine Particle Size on The Prediction of Simulation Program (MODSIM©)**  
Umucu Y., Deniz V., Gürsoy Y. H.  
XVIII. The International Mineral Processing Symposium (IMPS), Eskişehir, Turkey, 16 - 18 October 2024, vol.1, pp.91-101
- III. **Investigation of the Relationship Between the Grinding Parameters of a Mineral and the Liberation Degree**  
UMUCU Y., DENİZ V., GÜRSOY Y. H., TOKCAN I., ARSOY Z.  
17th International Mineral Processing Symposium (IMPS2022), İstanbul, Turkey, 15 December 2022, pp.1079-1091
- IV. **Investigation of the Grinding Behavior of Different Types of Cement in Fine Sieve Size**  
Umucu Y., Deniz V., Gürsoy Y. H., Gökçen H. S., Oluklulu S.  
27th International Mining Congress and Exhibition, İstanbul, Turkey, 22 March 2022, vol.1, pp.367-373
- V. **INVESTIGATION OF THE GRINDING BEHAVIOR OF DIFFERENT TYPES OF CEMENT IN FINE SIEVE SIZE FARKLI TÜR ÇİMENTOLARIN ÖĞÜTME DAVRANIŞLARININ İNCE TANE BOYUTUNDA ARAŞTIRILMASI**  
UMUCU Y., DENİZ V., GÜRSOY Y. H., GÖKÇEN H. S., OLUKLULU S.  
27th International Mining Congress and Exhibition of Turkey, IMCET 2022, Antalya, Turkey, 22 - 25 March 2022, pp.367-373
- VI. **Design of Jet Diffuser Flotation Column in Pilot Scale**  
Öteyaka B., Şahbaz O., Uçar A., Bilir K., Gürsoy Y. H.  
XXVII International Mineral Processing Congress, Santiago, Chile, 20 - 24 October 2014, vol.1, pp.256-262
- VII. **Design of Jet Diffuser Flotation Column**  
Öteyaka B., Şahbaz O., Uçar A., Bilir K., Gürsoy Y. H.  
XIV International Mineral Processing Symposium, Aydın, Turkey, 15 - 17 October 2014, vol.1, pp.255-259
- VIII. **Determination of Collector Dosage and Conditioning Time in Jameson Cell for Copper-Zinc Sulphide Ore Flotation**  
ÖTEYAKA B., GÜRSOY Y. H.  
XIII. International Mineral Processing Symposium, Bodrum, Turkey, 10 October 2012, pp.409-414
- IX. **The effect of grinding time on flotation of complex Cu-Zn sulphide ore in Jameson cell**  
Gursoy H., ÖTEYAKA B.  
10th International Multidisciplinary Scientific Geoconference and EXPO, SGEM 2010, Varna, Bulgaria, 20 - 26 June 2010, vol.1, pp.683-690
- X. **The Effect of Grinding Time on Flotation of Complex Cu-Zn Sulphide Ore in Jameson Cell**

GÜRSOY Y. H., ÖTEYAKA B.

X.International Multidisciplinary Scientific GeoConference, SGEM, Albena, Bulgaria, 20 June 2010, pp.683

**XI. Effect of Bias and Jet Length on Flotation of Cu- Zn Sulphide Ore**

ÖTEYAKA B., GÜRSOY Y. H., UÇAR A., ŞAHBAZ O.

XI.International Mineral Processing Symposium, Belek / Antalya, Turkey, 21 - 23 October 2008, pp.339-344

**XII. The role of nozzle and downcomer diameter in Jameson Cell**

Öteyaka B., Bilir K., Taşdemir T., Gürsoy Y. H., Taşdemir A., Kasap Y.

9th International Mineral Processing Symposium, Nevşehir, Turkey, 18 - 20 September 2002, vol.1, pp.138-140

**XIII. Possible use of 3mm ulexite tailings as marketable product**

İPEK H., GÜRSOY Y. H.

VI. Southern Hemisphere Meeting on Mineral Technology, Rio de Janeiro, Brazil, 27 May - 01 June 2001, pp.726-731

**XIV. Recovery of feldspar from altered granites**

ÖTEYAKA B., BİLİR K., GÜRSOY Y. H., UCBAŞ Y., bozkurt r., çiftçi m.

8. Uluslararası Cevher Hazırlama Semp., 16 - 18 January 2000, pp.323-326

**XV. Recovery of feldspar from altered granites**

Oteyaka B., BİLİR K., Gursoy H., Ucbas Y., Bozkurt R., Ciftci M.

8th International Mineral Processing Symposium (IMPS-2000), Antalya, Turkey, 16 - 18 October 2000, pp.323-326

## Supported Projects

BÜTÜN V., GÜRSOY Y. H., USLU O., SOLMAZ G., ŞİRİN D. Ü., DAĞ İ., YENİCE GÜRSU B., DİKMEN G., ŞENGEL T., Project Supported by Higher Education Institutions, Biyolojik, Organik ve İnorganik Malzemelerin Elektron Mikroskoplar ile Görüntüleme ve İleri Nitel-Nicel Yapı Analizleri, 2017 - 2019

Bilir K., Öteyaka B., Gürsoy Y. H., Şahbaz O., Uçar A., Project Supported by Higher Education Institutions, Jet difüzör flotasyon kolonu , 2013 - 2016

## Metrics

Publication: 24

Citation (WoS): 6

Citation (Scopus): 8

H-Index (WoS): 2

H-Index (Scopus): 2