Lect. PhD EREN CANER ORHAN

Personal Information

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International Researcher IDs
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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Bölümü, Turkey 2001 - 2008
Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Bölümü, Turkey 1999 - 2001
Undergraduate, Hacettepe University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, Turkey 1993 - 1999

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Yüksek alan şiddetli kalıcı mıknatıslı rulo tipi kuru manyetik ayırıcıların ayrık elemanlar yöntemi ile modellenmesi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Maden Mühendisliği (Dr), 2008
Postgraduate, FELDİSPAT FLOTASYONUNDA AMİN OLEAT ETKİLEŞİMİ, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Maden Mühendisliği (Yl) (Tezli), 2002

Research Areas

Mining Engineering and Technology, Ore-Dressing, Communition-Sizing-Classification, Benefication by Gravity, Dense-Medium, Magnetic and Electrostatic, Coal Preparation, Process and Plant Design, Engineering and Technology

Academic Titles / Tasks

Lecturer PhD, Hacettepe University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2008 - Continues
Research Assistant, Hacettepe University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 1999 - 2008

Courses

KATI SIVI AYRIMI, Undergraduate, 2017 - 2018, 2016 - 2017

CEVHER HAZIRLAMADA TESİS HESAPLAMALARI, Undergraduate, 2017 - 2018, 2016 - 2017
MEZUNİYET PROJESİ I, Undergraduate, 2017 - 2018, 2016 - 2017
ÖZEL KONULAR, Postgraduate, 2017 - 2018
KÖMÜR HAZIRLAMA, Undergraduate, 2017 - 2018, 2016 - 2017
MEZUNİYET PROJESİ II, Undergraduate, 2016 - 2017
MALZEME BİLİMİ, Undergraduate, 2016 - 2017
CEVHER HAZIRLAMADA BİLGİSAYAR DESTEKLİ TASARIM, Undergraduate, 2016 - 2017
CEVHER HAZIRLAMADA VERİ ANALİZİ, Postgraduate, 2016 - 2017
CEVHER ZENGİNLEŞTİRMEDE TESİS TASARIMI, Doctorate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Performance evaluation studies at the griding circuit of a gold-containing pyrite flotation plant**
Ergün Ş. L., Orhan E. C., Özcan Ö.
MINING ENGINEERING, vol.72, no.8, pp.18-26, 2020 (SCI-Expanded)
II. **Application of density tracers in a dense medium circuit: A case study**
İZERDEM D., ORHAN E. C., ÖZCAN Ö., ALPAY E.
MINERALS ENGINEERING, vol.121, pp.39-46, 2018 (SCI-Expanded)

Articles Published in Other Journals

I. **Beneficiation and flowsheet development of a low grade iron ore: a case study**
Özcan Ö., Harzanagh A. A., Orhan E. C., Ergün Ş. L.
Bulletin Of The Mineral Research and Exploration, vol.165, no.1, pp.235-251, 2021 (ESCI)
II. **Manyetik ayırma ve flotasyonla magmatik ve metamorfik kayaçlardan feldispat üretimi**
GÜLSOY Ö. Y., ORHAN E. C., CAN N. M., BAYRAKTAR İ.
Yerbilimleri/Hacettepe Üniversitesi Yerbilimleri Uygulama ve Araştırma Merkezi Dergisi, no.30, pp.49-61, 2004 (Scopus)
III. **Bursa Orhaneli siyenitlerinden feldispat üretimi**
GÜLSOY Ö. Y., ORHAN E. C., CAN N. M.
Madencilik Dergisi, vol.43, pp.17-28, 2004 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **ENRICHMENT OF COLEMANITE MIDDLING PRODUCTS WITH ALTERNATIVE METHODS**
Özgür Ö. C., GÜLCAN E., ÖZCAN Ö., ORHAN E. C.
IMPS 2022 17th International Mineral Processing Symposium, İstanbul, Turkey, 15 - 17 December 2022, pp.945-954
II. **CHARACTERIZATION OF A TURKISH RARE-EARTH ORE TO ASSESS THE ENRICHMENT POTENTIAL**
CAMALAN M., Temizkalb A., Kılınç M. G., ORHAN E. C., ERGÜN Ş. L., GÜLCAN E.
IMPS 2022 17th International Mineral Processing Symposium, İstanbul, Turkey, 15 - 17 December 2022, pp.915-920
III. **Performance Evaluation Studies at The Grinding Circuit of a Gold Containing- Pyrite Flotation Plant**
Ergün Ş. L., Orhan E. C., Özcan Ö.
MineXchange 2020 SME Annual Conference Expo, Arizona, United States Of America, 23 - 26 February 2020
IV. **Application of density tracers in a dense medium circuit: A case study**
İzerdem D., Orhan E. C., Özcan Ö., Alpay E.
Physical Separation'17, Plymouth, United Kingdom, 15 - 16 June 2017, pp.1-8

V. **Discrete element modelling of vibrating screens**
AGHLMANDI HARZANAGH A., ORHAN E. C., ERGÜN Ş. L.
Computational Modelling 'xx17, Falmouth, Antigua And Barbuda, 13 - 14 June 2017

VI. **Numerical study of parameters affecting industrial screening performance**
AGHLMANDI HARZANAGH A., ORHAN E. C., ERGÜN Ş. L.
25th International Mining Congress and Exhibition of Turkey, Antalya, Turkey, 11 - 14 April 2017, pp.408-415

VII. **Performance Evaluation Practices At Dense Medium Separation Circuits**
ORHAN E. C., CAN N. M., OLGUN Z., ÖZER A.
XVIII International Coal Preparation Congress, St. Petersburg, Russia, 28 June - 01 July 2016, pp.839-847

VIII. **Strategies For Modeling And Simulation Aided Design Of A Coal Washing Plant For Gasifier Feed Preparation**
ORHAN E. C., GÜLCAN E., GÜLSOY Ö. Y., ERGÜN Ş. L., CAN O. M., AHAD A.
32nd International Pittsburgh Coal Conference, 5 - 08 October 2015

IX. **Evaluation of Ömerler Coal Washing Plant Performance Using Density Tracers**
ORHAN E. C., GÜLSOY Ö. Y., ERGÜN Ş. L., CAN N. M., ÖZER A.
14th International Mineral Processing Symposium, 15 - 17 October 2014

X. **Investigations on Improvement of Clean Coal Recovery at TKI**
GÜLSOY Ö. Y., ERGÜN Ş. L., CAN N. M., ORHAN E. C., GÜLCAN E., ERKAN E.
XIV Balkan Mineral Processing Congress, 14 - 16 June 2011

XI. **Application of De stoning Equipment for Power Plant Coal Production**
GÜLSOY Ö. Y., ERGÜN Ş. L., CAN N. M., ORHAN E. C.
XIV Balkan Mineral Processing Congress, 14 - 16 June 2011

XII. **Evaluation Of Alternative Coal Washing Flowsheets By Simulation To Prepare Coal For Gasification**
ERGÜN Ş. L., GÜLSOY Ö. Y., CAN O. M., ORHAN E. C.
XIV Balkan Mineral Processing Congress, 14 - 16 June 2011

XIII. **Simulation of Three Product Heavy Medium Cyclone Application For Soma Region Coals**
GÜLSOY Ö. Y., ERGÜN Ş. L., CAN N. M., ORHAN E. C.
XIV Balkan Mineral Processing Congress, 14 - 16 June 2011

XIV. **Application of FGX separator in the enrichment of Catalagzi coal a simulation study**
ORHAN E. C., ERGÜN Ş. L., Altıparmak B.
16th International Coal Preparation Congress, 25 - 30 April 2010, pp.1

XV. **Nd Fe B Alaşımlı kalıcı Mıknatısların İnce Tane Boyunda Seramik Hammaddelerinin Yaş Manyetik Zenginleştirmede Kullanılması**
GÜLSOY Ö. Y., ORHAN E. C., DİKMEN S., OBUT A.
Türkiye 19. Uluslararası Madencilik Kongresi, 9 - 12 June 2005

XVI. **Kırka A Konsantratörü Performans Değerlendirme Çalışmaları**
ERGÜN Ş. L., GÜLSOY Ö. Y., ORHAN E. C., OBUT A., DİKMEN S., HASSOY H.
2. Uluslararası Bor Sempozyumu, 23 - 25 September 2004

XVII. **Granitik Kayaçlardan Feldispat Üretimi**
BAYRAKTAR İ., GÜLSOY Ö. Y., CAN O. M., ORHAN E. C.
Seramik Semineri, Turkey, 17 - 23 November 2003

XVIII. **Feldispatların Zenginleştirilmesi**
BAYRAKTAR İ., GÜLSOY Ö. Y., CAN O. M., ORHAN E. C.
4. Endüstriyel Hammaddeler Sempozyumu, 18 - 19 October 2001

XIX. **Investigation on the Alternatives to Obtain Finer Flotation Feed at Küre Grinding Circuit by Simulation**
ERGÜN Ş. L., EKMEKÇİ Z., GÜLSOY Ö. Y., CAN N. M., ORHAN E. C., DİKMEN S., OBUT A.
International Mineral Processing Symposium-Mineral Processing on the Verge of the 21st Century, Antalya, Turkey, 16 - 18 October 2000, pp.59-64

Supported Projects

ORHAN E. C., Alpay E., İZERDEM D., ÖZCAN Ö., Project Supported by Higher Education Institutions, AĞIR ORTAM DEVRELERİNDE YOĞUNLUK İZLEYİCİLERİN KULLANIMI: BİR VAKA ÇALIŞMASI, 2017 - 2017

Metrics

Publication: 24
Citation (WoS): 3
Citation (Scopus): 2
H-Index (WoS): 1
H-Index (Scopus): 1

Non Academic Experience

Hacettepe Üniversitesi Maden Müh. Bölümü