

Assoc. Prof. ÖZLEM KAYA

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: HZL-7240-2023

ScopusID: 57196739883

Yoksis Researcher ID: 28418

Education Information

Doctorate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Maden Mühendisliği, Turkey 1999 - 2006

Postgraduate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Maden Mühendisliği, Turkey 1996 - 1999

Undergraduate, Sivas Cumhuriyet University, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 1992 - 1996

Dissertations

Doctorate, Methods of the graphite enrichment and the research of the parameters that influencing the enrichment, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Maden Mühendisliği, 2006

Postgraduate, Investigation of the effects of pH and various electrolytes with the beneficiation of oil agglomeration of the lignites, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Maden Mühendisliği, 1999

Research Areas

Mining Engineering and Technology, Ore-Dressing, Metallurgical and Materials Engineering, Production Metallurgy, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Sivas Cumhuriyet University, Mühendislik Fakültesi, Metalürji Mühendisliği, 2021 - Continues

Associate Professor, Sivas Cumhuriyet University, Mühendislik Fakültesi, Maden Mühendisliği, 2020 - 2021

Assistant Professor, Sivas Cumhuriyet University, Mühendislik Fakültesi, Maden Mühendisliği, 2009 - 2020

Research Assistant, Sivas Cumhuriyet University, Mühendislik Fakültesi, Maden Mühendisliği, 1997 - 2009

Academic and Administrative Experience

Deputy Head of Department, Sivas Cumhuriyet University, Mühendislik Fakültesi, Metalürji Mühendisliği, 2024 - Continues

Head of Department, Sivas Cumhuriyet University, Mühendislik Fakültesi, Metalürji Mühendisliği, 2023 - Continues

Deputy Head of Department, Sivas Cumhuriyet University, Mühendislik Fakültesi, Maden Mühendisliği, 2019 - 2021

Courses

SOLVENT EKSTRAKSİYON VE UYGULAMALARI, Postgraduate, 2019 - 2020
MADEN EKONOMİSİ, Undergraduate, 2019 - 2020
MALZEME, Undergraduate, 2019 - 2020
HİDROMETALURJİ, Postgraduate, 2019 - 2020
ÇÖZELTİ MADENCİLİĞİ, Undergraduate, 2019 - 2020
Çözelti Madenciligi, Undergraduate, 2018 - 2019
Hidrometalurji, Postgraduate, 2018 - 2019
Hidrometalurjik Proseslerde Çözelti Arıtma Teknikleri, Postgraduate, 2019 - 2020
METALURJİ, Undergraduate, 2019 - 2020
Solvent Ekstraksiyon ve Uygulamaları, Postgraduate, 2018 - 2019
İŞ SAĞLIĞI VE GÜVENLİĞİ KAVRAM, KURAL VE MEVZUATI, Postgraduate, 2019 - 2020
Malzeme, Undergraduate, 2018 - 2019
BİTİRME ÖDEVİ, Undergraduate, 2019 - 2020
Uzmanlık Alan Dersi, Postgraduate, 2018 - 2019
Cevher Hazırlama III Laboratuvarı, Undergraduate, 2019 - 2020
İş Sağlığı ve Güvenliği Kavram, Kural ve Mevzuatı, Postgraduate, 2019 - 2020
HİDROMETALURJİK PROSESLERDE ÇÖZELTİ ARITMA TEKNİKLERİ, Postgraduate, 2019 - 2020
Maden Ekonomisi, Undergraduate, 2018 - 2019
Metalurji, Undergraduate, 2019 - 2020
Seminer Dersi, Postgraduate, 2019 - 2020
İş Sağlığı ve Güvenliği Kavram, Kural ve Mevzuatı, Postgraduate, 2019 - 2020
Değerli Metallerin Zenginleştirilmesi, Postgraduate, 2019 - 2020
CEVHER HAZIRLAMA I, Undergraduate, 2019 - 2020
CEVHER HAZIRLAMA III LABORATUVARI, Undergraduate, 2019 - 2020
DEĞERLİ METALLERİN ZENGİNLEŞTİRİLMESİ, Postgraduate, 2019 - 2020
Bitirme Ödevi, Undergraduate, 2019 - 2020
Uzmanlık Alan Dersi, Postgraduate, 2018 - 2019
Malzeme, Undergraduate, 2016 - 2017
Çözelti Madenciligi, Undergraduate, 2016 - 2017
Cevher Hazırlama III Laboratuvarı, Undergraduate, 2017 - 2018
Metalurji, Undergraduate, 2017 - 2018
Cevher Hazırlama II Laboratuvarı, Undergraduate, 2015 - 2016
Metalurjik Atıklar ve Çevre, Undergraduate, 2012 - 2013
Metalurjik Atıklar ve Çevre, Undergraduate, 2012 - 2013
Cevher Hazırlama I Laboratuvarı, Undergraduate, 2009 - 2010

Advising Theses

Kaya Ö., Obtaining Clean Coal From Çorum/İskilip Lignite Coal With The Flotation Method, Postgraduate, T.UZUNALP(Student), 2022
Kaya Ö., Investigation of settling characteristics of feldspar mineral by flocculation, Postgraduate, A.ÖZKAN(Student), 2021
Kaya Ö., Investigation of enrichment of coal with flotation method, Postgraduate, Ş.ÖZÜTÜRKER(Student), 2019
Kaya Ö., Investigation of enrichment of coal with agglomeration, flotation, agglototation methods, Postgraduate, N.TAŞDÖĞEN(Student), 2019

Kaya Ö., Enrichment of coal with oil agglomeration by the mixtures of bridging liquid, Postgraduate, M.ARI(Student), 2017

Kaya Ö., Evaluation of Hakkari-Uzumlu oxidized zinc ore by sulphuric acid leaching and solvent extraction, Postgraduate, F.SERİN(Student), 2011

Kaya Ö., The evaluation of low grade zinc oxide ore of Niğde Öküzgözü Tepe using sulfuric acid leaching and solvent extraction, Postgraduate, G.UYSAL(Student), 2011

Jury Memberships

Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, January, 2024

Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, January, 2023

Post Graduate, Post Graduate, İnönü Üniversitesi, June, 2022

Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, September, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The use of petroleum derivative mixtures as bridging liquid for oil agglomeration of lignite coal**
Kaya Ö., Taşdoğan Cebe N.
International Journal of Coal Preparation and Utilization, vol.44, no.4, pp.388-398, 2024 (SCI-Expanded)
- II. **An experimental study on the effects of some process parameters on lignite flotation**
Kaya Ö., Taşdoğan N.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.42, no.19, pp.2397-2404, 2020 (SCI-Expanded)
- III. **Investigation of the factors affecting oil agglomeration using different reagent mixtures as a bridging liquid**
Kaya Ö., Ari M.
INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION, vol.40, no.7, pp.483-490, 2020 (SCI-Expanded)
- IV. **The Effects of a Novel Bridging Liquid Mixtures on Lignite Enrichment Using the Oil Agglomeration Process**
Kaya Ö., Ari M.
INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION, vol.39, no.6, pp.293-301, 2019 (SCI-Expanded)
- V. **Chemical demineralization of three different graphite ores from Turkey**
Kaya Ö., Canbazoglu M.
MINERALS & METALLURGICAL PROCESSING, vol.26, pp.158-162, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Effect of Various Parameters in the Sulfuric Acid Leaching of Low Grade Zinc Oxide Ore of Niğde-Türkiye**
KAYA Ö., UYSAL G.
SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.28, no.5, pp.930-936, 2024 (Peer-Reviewed Journal)
- II. **Enrichment of Sivas/Gemerek Lignite Coal by Oil Agglomeration Using Different Vegetable Oils**
Kaya Ö., Taşdoğan Cebe N.
Journal of scientific reports-A (Online), no.54, pp.285-295, 2023 (Peer-Reviewed Journal)
- III. **Recovery of Zinc from Zinc Oxide Ore by Sulfuric Acid Leaching**
Kaya Ö., Serin Çakır F.

CUMHURİYET SCIENCE JOURNAL, vol.40, pp.179-185, 2019 (Peer-Reviewed Journal)

- IV. **Konya-Çoraklıdere Grafit Cevherinin Flotasyonu ve Aşındırmanın Flotasyona Etkisi**
KAYA Ö., CANBAZOĞLU M.
Geosound/Yerbilimleri, pp.219-228, 2007 (Peer-Reviewed Journal)
- V. **A Study on the Floatability of Graphite Ore from Yozgat Akdağmadeni (Turkey)**
KAYA Ö., CANBAZOĞLU M.
Ore Dressing, vol.9, no.17, pp.40-44, 2007 (Peer-Reviewed Journal)
- VI. **Ufalanma Farklılığından Yararlanılarak Yozgat Ayrıdam Linyitinin Zenginleştirilebilirliğinin İncelenmesi**
CEBECİ Y., KAYA Ö., ADMIŞ S.
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.3, no.2, pp.41-50, 2001 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of some process parameters in the flotation of lignite coal: Effect of pulp pH, solid ratio, flotation time and particle size**
Kaya Ö., Özütürker Ş.
International Euroasia Congress on Scientific Researches and Recent Trends XIII, Ankara, Turkey, 5 - 06 November 2024, pp.364-370
- II. **The Effect of Depressant, Collector and Frother Reagents on The Flotation of Sivas/Gemerek Lignite Coal**
Kaya Ö., Özütürker Ş.
6. Baskent International Conference on Multidisciplinary Studies, Ankara, Turkey, 24 - 26 July 2024, pp.561-566
- III. **An Investigation into The Performance of Different Frothers in The Flotation of Yozgat/Sorgun Lignite Coal**
Kaya Ö., Özütürker Ş.
6. International Ankara Multidisciplinary Studies Congress, Ankara, Turkey, 13 - 14 October 2023, pp.469-474
- IV. **Linyit Kömürünün Agloflotasyon ile Zenginleştirilmesi**
Kaya Ö., Taşdoğan N.
Euroasia International Congress on Applied Sciences-3, Sivas, Turkey, 28 - 30 June 2019, pp.131-138
- V. **Linyit Kömürünün Flotasyonunda Etkili Parametrelerin İncelenmesi**
Kaya Ö., Taşdoğan N.
Euroasia International Congress on Applied Sciences-II, Hatay, Turkey, 12 - 14 April 2019, pp.54-62
- VI. **İnce Kömürün Yağ Aglomerasyonunda Bazı Proses Parametrelerinin Etkileri**
Kaya Ö., Taşdoğan N.
International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 22 - 23 November 2018, pp.2511-2516
- VII. **Beneficiation of Graphite Ore from Yozgat Akdağmadeni (Turkey) by Leaching**
KAYA Ö., CANBAZOĞLU M.
XIV Balkan Mineral Processing Congress, Tuzla, Bosnia And Herzegovina, 14 - 16 June 2011, vol.1, pp.292-294
- VIII. **The Floatability of Balıkesir-Demirkapı (Turkey) Semi-Graphite Ore**
KAYA Ö., CANBAZOĞLU M.
XIIth International Mineral Processing Symposium, Kapadokya-Nevşehir, Turkey, 6 - 08 October 2010, pp.977-983
- IX. **Zinc Recovery from Flotation Tailings with Sulphuric Acid Leaching**
CANBAZOĞLU M., KAYA Ö., KULAKSIZ M. İ., NİZAMOĞLU Y. S.
XIIth International Mineral Processing Symposium, Kapadokya-Nevşehir, Turkey, 6 - 08 October 2010, pp.581-587
- X. **Sulphuric Acid Leaching of Zinc from Low Grade Lead Zinc Ores**
CANBAZOĞLU M., NİZAMOĞLU Y. S., KAYA Ö., KULAKSIZ M. İ.
XIII Balkan Mineral Processing Congress, Bükreş, Romania, 14 - 17 June 2009, vol.2, pp.587-593

- XI. **Demineralization of Çoraklıdere Graphite Ore**
KAYA Ö., CANBAZOĞLU M.
XIII Balkan Mineral Processing Congress, Bükreş, Romania, 14 - 17 June 2009, vol.1, pp.325-329
- XII. **Extraction of Zinc and Other Valuable Metals from Waelz Clinker**
CANBAZOĞLU M., KAYA Ö., URSAVAŞ C., KULAKSIZ M. İ., KUL M.
11th International Mineral Processing Symposium, Belek-Antalya, Turkey, 21 - 23 October 2008, pp.473-478
- XIII. **Removal of Gangue Minerals from Graphite Ore by Acid Leaching**
KAYA Ö., CANBAZOĞLU M.
11th International Mineral Processing Symposium, Belek-Antalya, Turkey, 21 - 23 October 2008, pp.613-618
- XIV. **Leaching of Zinc and Other Valuable Metals from Zinc Clinker**
CANBAZOĞLU M., KAYA Ö., URSAVAŞ C., KULAKSIZ M. İ., KUL M.
XXIV International Mineral Processing Congress, Beijing, China, 24 - 28 September 2008, pp.2924-2930
- XV. **Waelz Klinkerinin H₂SO₄ Liçi**
CANBAZOĞLU M., KUL M., KAYA Ö., URSAVAŞ C., KULAKSIZ M. İ.
Türkiye Kurşun-Çinko Yataklarının Jeolojisi Madenciligi ve Mevcut Sorunları Sempozyumu, İstanbul, Turkey, 14 - 16 January 2008, pp.406-414
- XVI. **Düşük Tenörlü Simitsonit (ZnCO₃) Cevherlerinin H₂SO₄ Liçi Olanakları**
CANBAZOĞLU M., KAYA M., KAYA Ö., KULAKSIZ M. İ.
Türkiye Kurşun-Çinko Yataklarının Jeolojisi Madenciligi ve Mevcut Sorunları Sempozyumu, İstanbul, Turkey, 14 - 16 January 2008, pp.415-424
- XVII. **The Enrichment of Turkey Kastamonu-Inebolu Graphite Ore by Flotation**
KAYA Ö., CANBAZOĞLU M.
XII Balkan Mineral Processing Congress 2007, Delhi, Canada, 10 - 14 June 2007, pp.291-296
- XVIII. **Recovering of Ni, Co and Cu from Divriği Iron Plant Tailings by Sulphuric Acid Oxygen Pressure Leaching**
CANBAZOĞLU M., KAYA Ö., AKDEMİR Ü., İNAN A., AYDOĞAN S.
XXIII International Mineral Processing Congress, İstanbul, Turkey, 3 - 08 September 2006, vol.2, pp.1415-1418
- XIX. **Recovering of Ni, Co and Cu from Divriği Iron Plant tailings by sulphuric acid oxygen pressure leaching**
CANBAZOĞLU M., KAYA Ö., AKDEMİR Ü., İNAN A., AYDOĞAN S.
Proceedings of 23rd International Mineral Processing Congress 2006, 3 - 08 September 2006, vol.1415
- XX. **Klinkerin Öğütülebilirliği ve Ürünlerin Boyut Dağılımının Simülasyonu**
YEKELER M., ÖZKAN A., KAYA Ö., COŞGUN F.
3. Endüstriyel Hammaddeler Sempozyumu, Turkey, 14 - 15 October 1999, pp.201-207
- XXI. **Investigation of Bridging Liquid Type and Effect of pH and Various Electrolytes on Oil Agglomeration of Lignites**
CEBECİ Y., KAYA Ö., CANBAZOĞLU M.
VIII Balkan Mineral Processing Conference, Belgrade, Serbia And Montenegro, 13 - 18 September 1999, pp.593-596

Supported Projects

Kavak K. Ş., Başbüyük H. H., Cirhinlioğlu Z., Korkmaz E. M., Özdemir Ö., Işidan H., Kaya Ö., Akkoyun S., Altuntaş E. E., Turan M., et al., TUBITAK Project, Development of Awareness Raising and Producing Acceptance Potential in National and International Research Projects Supported by TUBITAK for Academic Staff of Cumhuriyet University, 2014 - 2016

Kaya Ö., Canbazoglu M., TUBITAK Project, Düşük Tenörlü Çinko Oksit Cevherlerin Sülfürik Asit Liçi ve Solvent Ekstraksiyonla Değerlendirilmesi, 2009 - 2011

Kaya Ö., Canbazoglu M., Kul M., Kulaksız M. İ., TUBITAK Project, Çinkur da Üretilen Klinkerden Zn, Cu, Ni, Co, Cd, Ge ve In'un Solvent Ekstraksiyonla Seçimli Kazanılması Araştırmaları, 2006 - 2008

Kaya Ö., Canbazoglu M., Project Supported by Higher Education Institutions, Grafit Zenginleştirme Yöntemleri ve

Zenginleştirmeye Etki Eden Parametrelerin Araştırılması, 2001 - 2003

Scientific Refereeing

AVRUPA BİLİM VE TEKNOLOJİ DERGİSİ, National Scientific Refreed Journal, November 2019

Cumhuriyet Science Journal, National Scientific Refreed Journal, November 2019

BİLİMSEL MADENCİLİK DERGİSİ, National Scientific Refreed Journal, May 2017

Tasks In Event Organizations

Kaya Ö., 6. Ulusal Kırmataş Sempozyumu, Scientific Congress, Sivas, Turkey, Ekim 2011

Kaya Ö., Madencilik ve Çevre Toplantısı, Scientific Congress, Sivas, Turkey, Temmuz 1997

Metrics

Publication: 33

Citation (WoS): 23

Citation (Scopus): 29

H-Index (WoS): 2

H-Index (Scopus): 3

Congress and Symposium Activities

Madencilik Şûrası Çalıştayı, Working Group, Ankara, Turkey, 2019

8. Maden Mühendisliği Eğitimi Çalıştayı, Working Group, İstanbul, Turkey, 2014

7. Maden Mühendisliği Eğitimi Çalıştayı, Working Group, Eskişehir, Turkey, 2011