

## Assoc. Prof. ÖZLEM KAYA

### Personal Information

**Office Phone:** +90 346 487 0000 Extension: 2803

**Email:** okaya@cumhuriyet.edu.tr

**Web:** <https://avesis.cumhuriyet.edu.tr/okaya>

### International Researcher IDs

ORCID: 0000-0001-7613-3609

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

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

Deputy Head of Department, Sivas Cumhuriyet University, Mühendislik Fakültesi, Maden Mühendisliği, 2010 - 2016

## 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., Yoğunluk İzleyiciler (Tracer) ile TKİ-GLİ Ömerler Lavvar Performansının Değerlendirilmesi, Postgraduate, Y.MOLLAOĞLU(Student), Continues  
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., The evaluation of low grade zinc oxide ore of Niğde Öküzgönü Tepe using sulfuric acid leaching and solvent extraction, Postgraduate, G.UYSAL(Student), 2011

Kaya Ö., Evaluation of Hakkari-Uzumlu oxidized zinc ore by sulphuric acid leaching and solvent extraction, Postgraduate, F.SERİN(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., Taşdöğen 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., Taşdöğen 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. **Enrichment of Sivas/Gemerek Lignite Coal by Oil Agglomeration Using Different Vegetable Oils**  
Kaya Ö., Taşdöğen Cebe N.  
Journal of scientific reports-A (Online), no.54, pp.285-295, 2023 (Peer-Reviewed Journal)
- II. **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)
- III. **Konya-Çoraklıdere Grafit Cevherinin Flotasyonu ve Aşındırmanın Flotasyona Etkisi**  
KAYA Ö., CANBAZOĞLU M.  
Geosound/Yerbilimleri, pp.219-228, 2007 (Peer-Reviewed Journal)
- IV. **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)

V. **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. **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
- II. **Linyit Kömürünün Agloflotasyon ile Zenginleştirilmesi**  
Kaya Ö., Taşdöğen N.  
Euroasia International Congress on Applied Sciences-3, Sivas, Turkey, 28 - 30 June 2019, pp.131-138
- III. **Linyit Kömürünün Flotasyonunda Etkili Parametrelerin İncelenmesi**  
Kaya Ö., Taşdöğen N.  
Euroasia International Congress on Applied Sciences-II, Hatay, Turkey, 12 - 14 April 2019, pp.54-62
- IV. **İnce Kömürün Yağ Aglomerasyonunda Bazı Proses Parametrelerinin Etkileri**  
Kaya Ö., Taşdöğen N.  
International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 22 - 23 November 2018, pp.2511-2516
- V. **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
- VI. **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
- VII. **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
- VIII. **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
- IX. **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
- X. **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
- XI. **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
- XII. **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
- XIII. **Düşük Tenörlü Simitsonit (ZnCO<sub>3</sub>) Cevherlerinin H<sub>2</sub>SO<sub>4</sub> 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

**XIV. Waelz Klinkerinin H<sub>2</sub>SO<sub>4</sub> Liçi**

CANBAZOĞLU M., KUL M., KAYA Ö., URSAVAŞ C., KULAKSIZ M. İ.

Türkiye Kurşun-Çinko Yataklarının Jeolojisi Madencilik ve Mevcut Sorunları Sempozyumu, İstanbul, Turkey, 14 - 16 January 2008, pp.406-414

**XV. 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

**XVI. 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

**XVII. 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

**XVIII. 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

**XIX. 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., Canbazoğlu M., TUBITAK Project, Düşük Tenörlü Çinko Oksit Cevherlerin Sülfürik Asit Liçi ve Solvent Ekstraksiyonla Değerlendirilmesi, 2009 - 2011

Kaya Ö., Canbazoğlu 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., Canbazoğlu 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: 30

Citation (WoS): 20

Citation (Scopus): 24

H-Index (WoS): 2

H-Index (Scopus): 2

## **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