

Asst. Prof. SERKAN İNAL

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAX-1244-2020

ScopusID: 57194399771

Yoksis Researcher ID: 185176

Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 2011 - 2022

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği Anabilimdalı, Turkey 2008 - 2011

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği Anabilimdalı, Turkey 2003 - 2008

Foreign Languages

English, B2 Upper Intermediate

German, B1 Intermediate

Dissertations

Doctorate, DETERMINATION OF SAW BLADE WEAR AND CUTTING QUALITY FOR DIFFERENT KINDS OF ROCKS PROCESSING BY CIRCULAR SAW BLADE , Karadeniz Technical University, Mühendislik Fakültesi, Maden Mühendisliği, 2022

Postgraduate, AŞINDIRICI KATKILI SU JETİ İLE KESMEDE ÇALIŞMA PARAMETRELERİ VE KAYAÇ ÖZELLİKLERİNİN KESME KALİTESİ ÜZERİNDEKİ ETKİLERİNİN ARAŞTIRILMASI, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Maden Mühendisliği Anabilimdalı, 2011

Research Areas

Mining Engineering and Technology, Ore-Dressing, Benefication by Gravity, Dense-Medium, Magnetic and Electrostatic, Coal Preparation, Mining Operations, Production Methods (open-pit and underground), Excavation Techniques, Marble Management and Processing, Engineering and Technology

Academic Titles / Tasks

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Central composite design modelling and developing a method for removing sulphate from an alunitic kaolin ore**
Erkan İ., İNAL S., ALP İ.
Minerals Engineering, vol.216, 2024 (SCI-Expanded)
- II. **Determination of the wear performance of diamond saw blades using inductively coupled plasma**
İNAL S., ERKAN İ., AYDINER K.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.44, no.5, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Importance of Domestic Coal (Lignite) Reserves on Turkey's Energy Independency**
İnal S., Yaşar Ö., Aydın K.
MT Bilimsel, no.19, pp.11-32, 2021 (Peer-Reviewed Journal)
- II. **Kömürün Kendiliğinden Yanması ve Etkileyen Faktörler**
İNAL S., AYDINER K.
BİLİMSEL MADENCİLİK DERGİSİ, vol.58, no.2, pp.145-165, 2019 (Scopus)
- III. **Geçmişten Günümüze Kömürün Kendiliğinden Yanması ve Kömür Yangınları**
İNAL S., ERKAN İ., AYDINER K.
MT Bilimsel, no.15, pp.31-53, 2019 (Peer-Reviewed Journal)
- IV. **Recovery of Chromite from Processing Plant Tailing by Vertical Ring and Pulsating High-Gradient Magnetic Separation (IBSMTS 2016'dan seçilmiş bildiri olarak basılmıştır)**
ALTIN G., İNAL S., ALP İ., LEKİLLİ M. E.
MT Bilimsel, vol.13, no.13, pp.23-35, 2018 (Peer-Reviewed Journal)
- V. **Geçmişten Günümüze Büyük Maden Kazaları**
YAŞAR S., İNAL S., YAŞAR Ö., KAYA S.
Madencilik, vol.54, no.2, pp.33-43, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Environmental Conditions on The Indirect Tensile Strength of Iyidere Tuff**
İnal S., Karahan M., Aydın K., Ersoy H.
4. Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, Antalya, Turkey, 30 November - 03 December 2023, vol.2, pp.324-330
- II. **Turkey's Natural Stone Sector: Assessment from the Past to the Present and Recommendations for the Future**
İnal S., Aydın K.
4. Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, Antalya, Turkey, 30 November - 03 December 2023, vol.2, pp.316-323
- III. **Investigation of the Effects of Environmental Factors on the Strength of Iyidere Tuffs**
İnal S., Karahan M., Aydın K., Ersoy H.
28th International Mining Congress and Exhibition of Türkiye, Antalya, Turkey, 28 November - 01 December 2023, pp.167-174
- IV. **Kömürün Kendiliğinden Yanma Eğilimi Tespit Yöntemlerinin İncelenmesi**

İnal S., Erkan İ., Aydiner K.

2. Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, Antalya, Turkey, 7 - 09 November 2019, vol.3, pp.292-301

V. Mineral Carbonation for Carbondioxide Sequestration

Beşer M. H., İnal S., Aydiner K.

International Conference on Viable Energy Trends, Helsinki, Finland, 28 - 30 April 2019, pp.225-231

VI. Beneficiation of Low Grade Chromite Concentrate by Vertical Ring and Pulsating High-Gradient Magnetic Separation

Aslan U., İNAL S., ALP İ., Lekili M. E.

International Black Sea Mining and Tunnelling Symposium, Trabzon, Turkey, 2 - 04 November 2016, pp.501-506

VII. Recovery of Chromite from Processing Plant Tailing by Vertical Ring and Pulsating High-Gradient Magnetic Separation

Altın G., İNAL S., ALP İ., Lekili M. E.

International Black Sea Mining & Tunnelling Symposium, Trabzon, Turkey, 2 - 04 November 2016, pp.491-500

VIII. Production of Chromite Concentrate from Magnetic Wastes of Ore Processing Plant

İnal S., Erkan İ., Alp İ.

15th International Mineral Processing Symposium, İstanbul, Turkey, 19 - 21 October 2016, pp.1270-1284

IX. Türkiye’de Meydana Gelen Maden Kazalarının İstatistiksel Olarak İncelenmesi

Yaşar S., İnal S., Yaşar Ö., Kaya S.

Maden İşletmelerinde İşçi Sağlığı ve İş Güvenliği Sempozyumu 2015,, Adana, Turkey, 21 - 22 December 2015, vol.1, no.1, pp.25-37

X. Beneficiation of Magnetite Rich Chromite Ore with Magnetic Separation

İnal S., Alp İ., Yazıcı U.

14th International Mineral Processing Symposium, Aydın, Turkey, 15 - 18 October 2014, pp.135-140

Supported Projects

AYDINER K., İNAL S., BEŞER M. H., ROUDINI A., YAŞAR S., Project Supported by Higher Education Institutions, Kazı Makinelerinin Performans Değerlendirmesi için Laboratuvar Ölçekli Bir Kesici Kafanın Geliştirilmesi, 2020 - 2024

AYDINER K., FIRAT ERSOY A., BABACAN A. E., İNAL S., YAŞAR S., BEŞER M. H., Project Supported by Higher Education Institutions, Düşük GenlikDüşük Frekans Tekrarlı Yüklemelerinin Kaya Deformasyonuna Etkisinin Araştırılması, 2019 - 2022

AYDINER K., İNAL S., BEŞER M. H., Project Supported by Higher Education Institutions, Tekrarlı Yükleme Koşullarında Doygun Kayaçların Deformasyon Davranışlarının İncelenmesi, 2016 - 2017

Metrics

Publication: 17

Citation (WoS): 4

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 1

Non Academic Experience

Other, Montan Universitat, Leoben

Business Establishment Private, Şetat Madencilik