

Assoc. Prof. MUSTAFA BİRİNCİ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABG-8462-2020

ScopusID: 26434138200

Yoksis Researcher ID: 59305

Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Turkey 2006 - 2011

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Turkey 1999 - 2002

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Dış Manyetik Alanın Flotasyon Sistemine Entegrasyonu ve Manyetik Flotasyonda Demir Minerallerinin Bastırılması, Inonu University, 2011

Postgraduate, Profillit cevherinin zenginleştirilme olanaklarının incelenmesi, Inonu University, Fen Bilimleri Enstitüsü, 2002

Research Areas

Mining Engineering and Technology, Ore-Dressing, Benefication by Gravity, Dense-Medium, Magnetic and Electrostatic, Flotation and Flocculation, Coal Preparation, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Inonu University, Mühendislik Fakültesi, Maden Mühendisliği, 2018 - Continues

Assistant Professor, Inonu University, Mühendislik Fakültesi, Maden Mühendisliği, 2011 - 2018

Research Assistant, Inonu University, Mühendislik Fakültesi, Maden Mühendisliği, 1998 - 2011

Academic and Administrative Experience

Head of Department, Inonu University, Fen Bilimleri Enstitüsü, 2021 - Continues

Courses

CEVHER HAZIRLAMADA ENSTRÜMANTASYON YÖNTEMLERİ, Undergraduate Double Major, 2022-2023
CEVHER ZENGİNLEŞTİRMEDE ATIK YÖNETİMİ, Undergraduate Double Major, 2022-2023
MÜHENDİSLİK MEKANİĞİ, Undergraduate, 2022-2023
BİTİRME ÇALIŞMASI, Undergraduate, 2022-2023
MADEN MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2022-2023
TEHLİKELİ MADDE VE ATIK YÖNETİMİ, Undergraduate Double Major, 2022-2023
CEVHER ZENGİNLEŞTİRMEDE ATIK YÖNETİMİ, Undergraduate Double Major, 2021-2022
ENDÜSTRİYEL HAMMADDELER VE ZENGİNLEŞTİRİLMESİ, Undergraduate, 2021-2022
Mineral Processing Engineering, Undergraduate, 2020 - 2021
CEVHER HAZIRLAMADA ENSTRÜMANTASYON YÖNTEMLERİ, Undergraduate Double Major, 2021-2022
MÜHENDİSLİK MEKANİĞİ, Undergraduate, 2021-2022
CEVHER HAZIRLAMADA MANYETİK SİSTEMLER, Undergraduate Minor, 2021-2022
MADEN MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2021-2022
Mineral Processing Laboratory-I, Undergraduate, 2020 - 2021
Instrumentation Methods in Mineral Processing, Postgraduate, 2020 - 2021
MÜHENDİSLİK MEKANİĞİ, Undergraduate, 2020-2021
CEVHER HAZIRLAMA LABORATUVARI-I, Undergraduate, 2020-2021
Engineering Mechanics, Undergraduate, 2020 - 2021
BİTİRME ÇALIŞMASI, Undergraduate, 2020-2021
UZMANLIK ALAN DERSİ, Undergraduate Double Major, 2020-2021
Introduction to Mining Engineering, Undergraduate, 2020 - 2021
TEZ YÖNETİMİ, Undergraduate Double Major, 2020-2021
MADEN MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2020-2021
CEVHER HAZIRLAMADA ENSTRÜMANTASYON YÖNTEMLERİ, Undergraduate Double Major, 2020-2021
CEVHER ZENGİNLEŞTİRMEDE ATIK YÖNETİMİ, Undergraduate Double Major, 2020-2021
CEVHER ZENGİNLEŞTİRMEDE ATIK YÖNETİMİ, Undergraduate Double Major, 2019-2020
MADEN MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2019-2020
CEVHER HAZIRLAMADA ENSTRÜMANTASYON YÖNTEMLERİ, Undergraduate Double Major, 2019-2020
ENDÜSTRİYEL HAMMADDELER VE ZENGİNLEŞTİRİLMESİ, Undergraduate, 2019-2020
MÜHENDİSLİK MEKANİĞİ, Undergraduate, 2019-2020
CEVHER ZENGİNLEŞTİRMEDE ATIK YÖNETİMİ, Undergraduate Double Major, 2019-2020
TEZ YÖNETİMİ, Undergraduate Double Major, 2019-2020
CEVHER HAZIRLAMA MÜHENDİSLİĞİ, Undergraduate, 2019-2020
UZMANLIK ALAN DERSİ, Undergraduate Double Major, 2019-2020
CEVHER HAZIRLAMADA ENSTRÜMANTASYON YÖNTEMLERİ, Undergraduate Double Major, 2019-2020
BİLİMSEL ARAŞTIRMA TEKNİKLERİ İLE ARAŞTIRMA VE YAYIN ETİĞİ, Undergraduate Double Major, 2019-2020
BİTİRME ÇALIŞMASI, Undergraduate, 2019-2020
CEVHER HAZIRLAMA LABORATUVARI-II, Undergraduate, 2019-2020
CEVHER HAZIRLAMA LABORATUVARI-I, Undergraduate, 2019-2020
BİTİRME ÇALIŞMASI, Undergraduate, 2018-2019
MÜHENDİSLİK MEKANİĞİ, Undergraduate, 2018-2019
CEVHER ZENGİNLEŞTİRMEDE ATIK YÖNETİMİ, Undergraduate Double Major, 2018-2019
BİLİMSEL ARAŞTIRMA TEKNİKLERİ İLE ARAŞTIRMA VE YAYIN ETİĞİ, Undergraduate Double Major, 2018-2019
MADEN MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2018-2019
CEVHER HAZIRLAMA LABORATUVARI-II, Undergraduate, 2018-2019
UZMANLIK ALAN DERSİ, Undergraduate Double Major, 2018-2019

ENDÜSTRİYEL HAMMADDELER VE ZENGİNLEŞTİRİLMESİ, Undergraduate, 2018-2019
CEVHER HAZIRLAMADA ENSTRÜMANTASYON YÖNTEMLERİ, Undergraduate Double Major, 2018-2019
TEZ YÖNETİMİ, Undergraduate Double Major, 2018-2019
CEVHER HAZIRLAMA LABORATUVARI-I, Undergraduate, 2018-2019
CEVHER HAZIRLAMA LABORATUVARI II, Undergraduate, 2016 - 2017
CEVHER HAZIRLAMA LABORATUVARI-II, Undergraduate, 2017-2018
MÜHENDİSLİK MEKANİĞİ, Undergraduate, 2017-2018
CEVHER HAZIRLAMA MÜHENDİSLİĞİ, Undergraduate, 2017-2018
CEVHER ZENGİNLEŞTİRMEDE ATIK YÖNETİMİ, Postgraduate, 2016 - 2017
TEZ YÖNETİMİ, Undergraduate Double Major, 2017-2018
BİLİMSEL ARAŞTIRMA TEKNİKLERİ İLE ARAŞTIRMA VE YAYIN ETİĞİ, Undergraduate Double Major, 2017-2018
CEVHER HAZIRLAMA LABORATUVARI-I, Undergraduate, 2017-2018
MADEN MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2017-2018
ENDÜSTRİYEL HAMMADDELER VE ZENGİNLEŞTİRİLMESİ, Undergraduate, 2017-2018
BİLİMSEL ARAŞTIRMA TEKNİKLERİ İLE ARAŞTIRMA VE YAYIN ETİĞİ, Postgraduate, 2016 - 2017
UZMANLIK ALAN DERSİ, Undergraduate Double Major, 2017-2018
CEVHER HAZIRLAMADA ENSTRÜMANTASYON YÖNTEMLERİ, Undergraduate Double Major, 2017-2018
BİTİRME ÇALIŞMASI, Undergraduate, 2017-2018
CEVHER ZENGİNLEŞTİRMEDE ATIK YÖNETİMİ, Undergraduate Double Major, 2017-2018
MADEN MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2016-2017
ENDÜSTRİYEL HAMMADDELER VE ZENGİNLEŞTİRİLMESİ, Undergraduate, 2016-2017
CEVHER ANALİZ YÖNTEMLERİ, Undergraduate, 2016 - 2017
MÜHENDİSLİK MEKANİĞİ, Undergraduate, 2016-2017
MAGNETIC SYSTEMS IN MINERAL PROCESSING, Doctorate, 2015 - 2016
CEVHER HAZIRLAMA LABORATUVARI-I, Undergraduate, 2015-2016
ENDÜSTRİYEL HAMMADDELER VE ZENGİNLEŞTİRİLMESİ, Undergraduate, 2015-2016
CEVHER HAZIRLAMADA ENSTRÜMANTASYON YÖNTEMLERİ, Undergraduate Double Major, 2015-2016
BİTİRME ÇALIŞMASI, Undergraduate, 2015-2016
MADEN MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2015-2016
CEVHER HAZIRLAMA LABORATUVARI-II, Undergraduate, 2015-2016
MÜHENDİSLİK MEKANİĞİ, Undergraduate, 2015-2016
CEVHER HAZIRLAMA LABORATUVARI-II, Undergraduate, 2014-2015
ENDÜSTRİYEL HAMMADDELER VE ZENGİNLEŞTİRİLMESİ, Undergraduate, 2014-2015
CEVHER HAZIRLAMADA ENSTRÜMANTASYON YÖNTEMLERİ, Undergraduate Double Major, 2014-2015
CEVHER ZENGİNLEŞTİRMEDE ATIK YÖNETİMİ, Undergraduate Double Major, 2014-2015
MÜHENDİSLİK MEKANİĞİ, Undergraduate, 2014-2015
CEVHER ANALİZ YÖNTEMLERİ, Undergraduate, 2014-2015
BİTİRME ÇALIŞMASI, Undergraduate, 2014-2015
CEVHER HAZIRLAMA LABORATUVARI-I, Undergraduate, 2014-2015
MADEN MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2014-2015
CEVHER ANALİZ YÖNTEMLERİ, Undergraduate, 2013-2014
CEVHER HAZIRLAMA LABORATUVARI-II, Undergraduate, 2013-2014
MADEN MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2013-2014
CEVHER HAZIRLAMA LABORATUVARI-I, Undergraduate, 2013-2014
MÜHENDİSLİK MEKANİĞİ, Undergraduate, 2013-2014
ENDÜSTRİYEL HAMMADDELER VE ZENGİNLEŞTİRİLMESİ, Undergraduate, 2013-2014
BİTİRME ÇALIŞMASI, Undergraduate, 2013-2014
ENDÜSTRİYEL HAMMADDELER VE ZENGİNLEŞTİRİLMESİ, Undergraduate, 2012-2013
BİTİRME ÇALIŞMASI, Undergraduate, 2012-2013
CEVHER HAZIRLAMA LABORATUVARI-I, Undergraduate, 2012-2013
CEVHER HAZIRLAMA LABORATUVARI-II, Undergraduate, 2012-2013

MADEN MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2012-2013
UZMANLIK ALAN DERSİ, Undergraduate Double Major, 2012-2013
TEZ YÖNETİMİ, Undergraduate Double Major, 2012-2013
CEVHER ANALİZ YÖNTEMLERİ, Undergraduate, 2012-2013
CEVHER HAZIRLAMA LABORATUVARI-II, Undergraduate, 2011-2012
CEVHER HAZIRLAMADA ENSTRÜMANTASYON YÖNTEMLERİ, Undergraduate Double Major, 2011-2012
BİTİRME ÇALIŞMASI, Undergraduate, 2011-2012
MADEN MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2011-2012
ENDÜSTRİYEL HAMMADDELER VE ZENGİNLEŞTİRİLMESİ, Undergraduate, 2011-2012
CEVHER ZENGİNLEŞTİRMEDE ATIK YÖNETİMİ, Undergraduate Double Major, 2011-2012
CEVHER HAZIRLAMA LABORATUVARI-I, Undergraduate, 2011-2012

Advising Theses

BİRİNCİ M., Düşük Modüllü Metalurjik Boksit Cevherlerinin Zenginleştirme Olanaklarının Araştırılması, Postgraduate, R.GÖK(Student), Continues
Sis H., Birinci M., Beğre (Doğanşehir - Malatya) demir cevherinin zenginleştirme olanaklarının araştırılması, Postgraduate, T.KARAAĞAÇ(Student), 2019

Jury Memberships

Doctoral Examination, Doctoral Examination, İnönü Üniversitesi, January, 2022
Doctorate, Doctorate, İnönü Üniversitesi, December, 2021
Post Graduate, Post Graduate, İnönü Üniversitesi, June, 2021
Post Graduate, Post Graduate, İnönü Üniversitesi, June, 2021
Post Graduate, Post Graduate, Fırat Üniversitesi, October, 2019
Post Graduate, Post Graduate, İnönü Üniversitesi, June, 2019
Doctoral Examination, Doctoral Examination, İnönü Üniversitesi, March, 2019
Doctorate, Doctorate, İnönü Üniversitesi, June, 2018
Doctoral Examination, Doctoral Examination, İnönü Üniversitesi, May, 2018
Post Graduate, Yüksek Lisans Tez Savunma Jurisi, KTÜ, May, 2017
Post Graduate, ASIL JÜRİ, FIRAT ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ, December, 2016
Doctoral Examination, Doctoral Examination, İnönü Üniversitesi, June, 2015
Doctoral Examination, Doctoral Examination, İnönü Üniversitesi, November, 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Characterization and flotation of low-grade boehmitic bauxite ore from Seydisehir (Konya, Turkey)**
BİRİNCİ M., Gok R.
MINERALS ENGINEERING, vol.161, 2021 (SCI-Expanded)
- II. **Thermal Behavior of Pyrophyllite Ore during Calcination for Thermal Activation for Aluminum Extraction by Acid Leaching**
Erdemoğlu M., Birinci M., Uysal T.
CLAYS AND CLAY MINERALS, vol.68, no.2, pp.89-99, 2020 (SCI-Expanded)
- III. **Thermal and Mechanical Activation in Acid Leaching Processes of Non-bauxite Ores Available for Alumina Production-A Review**
Barry T. S., UYSAL T., BİRİNCİ M., ERDEMOĞLU M.
MINING METALLURGY & EXPLORATION, vol.36, no.3, pp.557-569, 2019 (SCI-Expanded)

- IV. **Mechanical activation of pyrophyllite ore for aluminum extraction by acidic leaching**
ERDEMOĞLU M., BİRİNCİ M., UYSAL T., TUZER E. P., Barry T. S.
JOURNAL OF MATERIALS SCIENCE, vol.53, no.19, pp.13801-13812, 2018 (SCI-Expanded)
- V. **Wetting and rheological characteristics of hydrophobic organic pigments in water in the presence of non-ionic surfactants**
SİS H., BİRİNCİ M.
COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, vol.455, pp.58-66, 2014 (SCI-Expanded)
- VI. **Adsorption characteristics of ionic and nonionic surfactants on hydrophobic pigment in aqueous medium**
SİS H., BİRİNCİ M.
COLORATION TECHNOLOGY, vol.128, no.3, pp.244-249, 2012 (SCI-Expanded)
- VII. **Kinetics of hydrochloric acid leaching of smithsonite**
Dhawan N., Safarzadeh M. S., BİRİNCİ M.
RUSSIAN JOURNAL OF NON-FERROUS METALS, vol.52, no.3, pp.209-216, 2011 (SCI-Expanded)
- VIII. **Reductive leaching of cobalt from zinc plant purification residues**
Safarzadeh M. S., Dhawan N., BİRİNCİ M., Moradkhani D.
HYDROMETALLURGY, vol.106, pp.51-57, 2011 (SCI-Expanded)
- IX. **The effect of an external magnetic field on cationic flotation of quartz from magnetite**
BİRİNCİ M., MILLER J. D., SARIKAYA M., WANG X.
MINERALS ENGINEERING, vol.23, no.10, pp.813-818, 2010 (SCI-Expanded)
- X. **Effect of nonionic and ionic surfactants on zeta potential and dispersion properties of carbon black powders**
SİS H., BİRİNCİ M.
COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, vol.341, pp.60-67, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Arguvan (Malatya) Linyitinden Hümik Asit Ekstraksiyonu ve Kömür Yıkamanın Etkisi**
ŞENTÜRK K., BİRİNCİ M.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, pp.2133-2141, 2021 (Peer-Reviewed Journal)
- II. **Enrichment of Apatite-Bearing Iron Ore by Magnetic Separation and Flotation**
Birinci M.
European Journal of Technique, vol.11, no.1, pp.1-6, 2021 (Peer-Reviewed Journal)
- III. **Pirofillit Cevherinden Asit Liçi Yöntemiyle Alüminyum Kazanımına Aktivasyonun Etkisi**
UYSAL T., ERDEMOĞLU M., BİRİNCİ M.
Bilimsel Madencilik Dergisi, vol.58, no.2, pp.111-120, 2019 (Scopus)
- IV. **Remove of Color Minerals from Malatya (Orduzu)-Turkey Feldspar Ores by Magnetic Separation**
BENTLİ İ., ŞENER M., FIRAT C., KARAAĞAÇ T., HARİR İ., BİRİNCİ M.
International Journal of Scientific and Technological Research, vol.4, no.9, pp.18-26, 2018 (Peer-Reviewed Journal)
- V. **ÖN DESİLİKASYON AMAÇLI BOKSİT ZENGİNLEŞTİRME İŞLEMLERİ ÜZERİNE GÜNCEL BİR DEĞERLENDİRME**
BİRİNCİ M., GÖK R.
Bilimsel Madencilik Dergisi, vol.57, pp.197-218, 2018 (Scopus)
- VI. **Alumina Production from Clay Minerals: Current Reviews**
ERDEMOĞLU M., BİRİNCİ M., UYSAL T.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.21, no.2, pp.387-396, 2018 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **VALORIZATION OF MARBLE SLAB CUTTING WASTES AS MICRONIZED MARBLE POWDER (CALCITE)**
KULUŞAKLI Ç. G., BİRİNCİ M.
The 5th International Conference of Materials and Engineering Technology (TICMET'23), Trabzon, Turkey, 13 November 2023, pp.221-227
- II. **Fine Grinding of Marble Waste: Preliminary Test Results**
BİRİNCİ M., KULUŞAKLI Ç. G.
6th INTERNATIONAL CONFERENCE ON COMPUTATIONAL MATHEMATICS AND ENGINEERING SCIENCES, Ordu, Turkey, 20 May 2022, pp.256-262
- III. **ULTRAFINE GRINDING OF MARBLE WASTE WITH PLANETARY MILL**
BİRİNCİ M., KULUŞAKLI Ç. G.
17th INTERNATIONAL MINERAL PROCESSING SYMPOSIUM(IMPS-2022), İstanbul, Turkey, 15 December 2022, pp.155-161
- IV. **RECOVERY OF ALUMINA FROM ALUMINUM CHLORIDE OBTAINED BY LEACHING OF PYROPHYLLITE**
UYSAL T., Barry T. S., BİRİNCİ M., ERDEMOĞLU M.
17th INTERNATIONAL MINERAL PROCESSING SYMPOSIUM(IMPS-2022), İstanbul, Turkey, 15 December - 17 October 2022, pp.603-609
- V. **Applying Design of Experiments (DOE) Methodology to Determine the Optimum Mechanical Activation Conditions of K-feldspar**
Balaz M., Birinci M., Şentürk K., Achimovicova M., Balaz P., Erdemoğlu S., Sis H., Erdemoğlu M.
17th International Mineral Processing Symposium IMPS 2022, İstanbul, Turkey, 15 - 17 December 2022
- VI. **ZERO-WASTE VALORISATION OF FELDSPATHIC ORES: THE PROJECT POTASSIAL**
ERDEMOĞLU M., SIS H., ERDEMOĞLU S., BİRİNCİ M.
XVII. International Mineral Processing Symposium, İstanbul, Turkey, 15 December 2022, vol.1, pp.807-814
- VII. **Recovery of Alumina from Aluminum Chloride Obtained by Leaching of Pyrophyllite Ore**
Uysal T., Barry T. S., Birinci M., Erdemoğlu M.
17th International Mineral Processing Symposium IMPS 2022, İstanbul, Turkey, 15 - 17 December 2022, pp.603-609
- VIII. **Malatya Kömür Yatakları ve Kullanım Olanakları**
ŞENTÜRK K., BİRİNCİ M.
III. ULUSLARARASI BATTALGAZİ BİLİMSEL ÇALIŞMALAR KONGRESİ, Malatya, Turkey, 21 - 23 September 2019, pp.626-634
- IX. **Arguvan (Malatya) Linyitinden Hümat Ekstraksiyonu**
ŞENTÜRK K., BİRİNCİ M.
Türkiye 26. Uluslararası Madencilik Kongresi ve Sergisi (IMCET 2019), Antalya, Turkey, 16 - 19 April 2019, pp.1088-1094
- X. **Humate Extraction from Arguvan (Malatya) Lignite**
ŞENTÜRK K., BİRİNCİ M.
The 26th International Mining Congress And Exhibition of Turkey, Antalya, Turkey, 16 - 19 April 2019, pp.1088-1094
- XI. **Flotasyonda İnovatif Bir Düşünce: Manyetik Flotasyon Kolonu**
BİRİNCİ M.
KTÜ Maden Mühendisliği Sempozyumu, Trabzon, Turkey, 01 March 2019, pp.10
- XII. **POSSIBILITY OF SILICA REMOVAL FROM LOW GRADE METALLURGICAL BAUXITE BY SIZE REDUCTION AND SIEVING**
BİRİNCİ M., GÖK R., GÜLAÇAN H.
INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE, Kastamonu, Turkey, 26 - 29 April 2018, pp.647-650
- XIII. **Magnetic Separation of Color Minerals from Malatya-Turkey Feldspar Ores Used Tree Technique**
BENTLİ İ., ŞENER M., FIRAT C., KARAAĞAÇ T., HARİR İ., BİRİNCİ M.

16th International Mineral Processing Symposium, Antalya, Turkey, 23 - 25 October 2018, pp.92-96

- XIV. **Processing Of Pyrophyllite Ore By Acid Leaching Method For Al₂O₃ Production**
ERDEMOĞLU M., UYSAL T., BİRİNCİ M., BARRY T. S.
16th International Mineral Processing Symposium (IMPS 2018), Antalya, Turkey, 23 - 25 October 2018, pp.267-273
- XV. **Processing of Pyrophyllite Ore by Acid Leaching Method for Al₂O₃ production**
ERDEMOĞLU M., Uysal T., BİRİNCİ M.
The 16th International Mineral Processing Symposium, Antalya, Turkey, 23 - 25 October 2018, vol.1, no.1, pp.267-273
- XVI. **Pre-benefication of High Silica Bauxite Ore by Attrition-Scrubbing**
BİRİNCİ M., GÖK R., GÜLAÇAN H.
INTERNATIONAL CONFERENCE ON INNOVATIVE ENGINEERINGAPPLICATIONS, Sivas, Turkey, 20 - 22 September 2018, pp.565-569
- XVII. **An Experimental Study on Humic Acid Extraction from Arguvan (Malatya) Lignite**
BİRİNCİ M., ŞENTÜRK K.
INTERNATIONAL CONFERENCE ON INNOVATIVE ENGINEERINGAPPLICATIONS, Sivas, Turkey, 20 - 22 September 2018, pp.559-564
- XVIII. **METALURJİK ALÜMİNA ÜRETİMİNDE YÜKSEK SİLİS İÇERİKLİ BOKSİT CEVHERİNDEN KAYNAKLI SORUNLAR VE SİLİS UZAKLAŞTIRMAYA YÖNELİK ÖNERİLEN BAZI ZENGİNLEŞTİRME YÖNTEMLERİ**
BİRİNCİ M., GÖK R., ÖZEN B.
The International Engineering Research Symposium (UMAS'17), Düzce, Turkey, 11 - 13 September 2017
- XIX. **Processing of Pyrophyllite Ores of Turkey for Various Usage Alternatives**
UYSAL T., BİRİNCİ M., ERDEMOĞLU M.
2nd INTERNATIONAL CONGRESS on ENGINEERING and TECHNOLOGY SCIENCES, 22 - 25 December 2017
- XX. **Acidic leaching of thermally activated pyrophyllite ore from Pütürge (Malatya-Turkey) Deposit**
Birinci M., UYSAL T., ERDEMOĞLU M., PORGALI E., Barry T. S.
17th Balkan Mineral Processing Congress, Antalya, Turkey, 01 December 2017, pp.800
- XXI. **Acidic Leaching Of Thermally Activated Pyrophyllite Ore From Pütürge (Malatya-Turkey) Deposit**
BİRİNCİ M., UYSAL T., ERDEMOĞLU M., PORCALI E., BARRY T. S.
XVII. Balkan Mineral Processing Congress, 1 - 03 November 2017
- XXII. **Acid leaching performance of mechanically activated pyrophyllite ore for Al₂O₃ extraction**
ERDEMOĞLU M., Birinci M., UYSAL T., PORGALI E., Barry T. S.
9th International Conference Mechanochemistry and Mechanical Alloying, Kosice, Slovakia, 4 September - 07 December 2017, pp.800
- XXIII. **AMENABILITY OF PARÇIKAN MALATYA LIGNITE COALS TO BINDERLESS BRIQUETTING**
BİRİNCİ M., SİS H.
15th International Mineral Processing Symposium, 19 - 21 October 2016
- XXIV. **Characterization of Mechanically Activated Pyrophyllite Ore for Al₂O₃ Production by Acid Leaching**
ERDEMOĞLU M., Birinci M., Uysal T., PORGALI E., Yumuşak S.
15th International Mineral Processing Symposium, Istanbul-Turkey, October 19-21, 2016, İstanbul, Turkey, 19 - 21 October 2016, pp.800
- XXV. **Enrichment of Pütürge (Malatya, Turkey) Low-Grade Pyrophyllite Ore by Attrition-Scrubbing and Flotation**
Birinci M., ERDEMOĞLU M.
15th International Mineral Processing Symposium, Istanbul-Turkey, October 19-21, 2016, İstanbul, Turkey, 19 - 21 October 2016, pp.800
- XXVI. **Effects of intensive milling on the structural characteristics of pyrophyllite ore**
Uysal T., Birinci M., PORGALI E., ERDEMOĞLU M.
18. Uluslararası Metalurji ve Malzeme Kongresi IMMC 2016, İstanbul, Turkey, 26 - 30 September 2016, pp.800
- XXVII. **Dispersion and stability of carbon black powders in water in the presence of non ionic surfactants**
SİS H., BİRİNCİ M.

- II. International Porous and Powder Materials Symposium and Exhibition, İzmir, Turkey, 15 - 18 September 2015, vol.1, pp.6
- XXVIII. **Selimoğlu Divriği Sivas Linyitlerinin Yıkabilirliği**
BİRİNCİ M., SİS H.
Türkiye 24. Uluslararası Madencilik Kongresi ve Sergisi, Antalya, Turkey, 14 - 17 April 2015, pp.682-688
- XXIX. **Beneficiation of Görgü Malatya complex lead zinc ores by flotation**
SİS H., Coşkun M., Tenekeciogil E., BİRİNCİ M.
XIV. International Mineral Processing Symposium, Aydın, Turkey, 15 - 17 October 2014, vol.1, pp.247-254
- XXX. **Profillit Cevheri İle Metilen Mavisi Adsorpsiyonunun Optimizasyonu**
KIZILAY G., CENGİZ M., KARA T., TURHAN ÖZDEMİR G. D., BİRİNCİ M., DEMİRKIRAN N.
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014, pp.182-183
- XXXI. **Beneficiation of Görgü Malatya Complex Lead Zinc Ores by Flotation**
SİS H., Melike C., Elif T., BİRİNCİ M.
14th International Mineral Processing Symposium (IMPS 2014), Aydın, Turkey, 15 - 17 October 2014, pp.247-254
- XXXII. **Determination of Washability Characteristics of Parçikan Malatya Lignite**
BİRİNCİ M.
XVIIth International Coal Preparation Congress (ICPC 2013), 1 - 06 October 2013, pp.189-192
- XXXIII. **Düşük Tenörlü Demir Cevherleşmelerinin Zenginleştirilmesi**
BİRİNCİ M., SİS H.
Malatya ve Çevre İllerin Maden Sempozyumu Bildiriler Kitabı, Turkey, 27 - 29 April 2013
- XXXIV. **Düşük tenörlü demir cevherlerinin zenginleştirilmesi**
SİS H., BİRİNCİ M.
Malatya ve Çevre İllerinin Maden Sempozyumu, Malatya, Turkey, 27 - 29 April 2013, vol.1, pp.86-95
- XXXV. **Magnetic Column Flotation for Magnetite Removal from a Brazilian Phosphate Ore**
MARİNO S., BİRİNCİ M., SARIKAYA M., WANG X., LİN C., MİLLER J. D.
6th International Conference on Phosphate Beneficiation, Kunming, China, 6 - 11 March 2011, pp.71-79
- XXXVI. **Kuvarlı Profillit Cevherinin Boyut Küçültme Sonrası Sınıflandırma İle Zenginleştirilmesi 14 Ulusal Kil Sempozyumu Bildiriler Kitabı s 248 258 Trabzon 2009**
BİRİNCİ M., SARIKAYA M.
14. Ulusal Kil Sempozyumu, Turkey, 1 - 03 October 2009, pp.248-258
- XXXVII. **Kuvarlı Profillit Cevherinin Boyut Küçültme Sonrası Sınıflandırma İle Zenginleştirilmesi**
BİRİNCİ M., SARIKAYA M.
14 Ulusal Kil Sempozyumu, Turkey, 01 October 2009
- XXXVIII. **Determination of Operation Parameters of a Mineral Processing Study Incorporating Multiple Regression Analysis and Multiobjective Genetic Algorithms**
BİRİNCİ M., KUMRAL M., SARIKAYA M.
21st International Mining Congress and Exhibition of Turkey (IMCET 2009), 6 - 08 May 2009, pp.383-390
- XXXIX. **Profillit Cevherinin Aşındırılmalı Yıkama Yöntemi ile Zenginleştirilme Olanakları**
BİRİNCİ M., SARIKAYA M.
5. Endüstriyel Hammaddeler Sempozyumu, Turkey, 13 - 14 May 2004, pp.69-75

Supported Projects

- BİRİNCİ M., ŞENTÜRK K., Project Supported by Higher Education Institutions, Arguvan-Parçikan (Malatya) Linyitinden Hümik Madde Üretim Olanaklarının Araştırılması, 2018 - 2020
- SİS H., BİRİNCİ M., KARAAĞAÇ T., Project Supported by Higher Education Institutions, Beğre (Doğanşehir) Yöresi Demir Cevherlerinin Zenginleştirilme Özelliklerinin İncelenmesi, 2017 - 2019
- BİRİNCİ M., Project Supported by Higher Education Institutions, DÜŞÜK MODÜLLÜ METALURJİK BOKSİT CEVHERLERİNİN ZENGİNLEŞTİRME OLANAKLARININ ARAŞTIRILMASI, 2016 - 2019
- Sis H., Birinci M., Project Supported by Higher Education Institutions, Malatya Parçikan Yöresi Kömürlerin Yıkabilirlik

Olanaklarının Arařtırılması, 2013 - 2016

Activities in Scientific Journals

KIRKLARELİ ÜNİVERSİTESİ MÜHENDİSLİK VE FEN BİLİMLERİ DERGİSİ, Advisory Committee Member, 2015 - Continues

Scientific Refereeing

Vacuum, SCI Journal, May 2018

Solid State Sciences, SCI Journal, April 2018

Metrics

Publication: 57

Citation (WoS): 182

Citation (Scopus): 143

H-Index (WoS): 8

H-Index (Scopus): 6

Congress and Symposium Activities

15 th INTERNATIONAL MINERAL PROCESSİNG SYMPOSIUM AND EXHIBITION, Attendee, İstanbul, Turkey, 2016

Scholarships

2214-A Yurt Dıřı Doktora Sırası Arařtırma Burs Programı, TÜBİTAK, 2009 - 2010

Non Academic Experience

The University of Utah, Metallurgical Engineering, Salt Lake City, Utah, USA