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Personal Information

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Education Information

Post Doctorate, İstanbul Technical University, Maden, Cevher Hazırlama Mühendisliği, Turkey 2019 - 2019

Doctorate, Inonu University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, Turkey 2012 - 2018

Postgraduate, Inonu University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, Turkey 2009 - 2012

Undergraduate, Inonu University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, Turkey 2004 - 2008

Dissertations

Postgraduate, SU İÇERİSİNDEKİ AĞIR METAL İYONLARININKULUNCAK (MALATYA) VERMİKÜLTLERİ ÜZERİNE
ADSORPSİYONU, Inonu University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2012

Research Areas

Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Munzur University, Tunceli Vocational School, Department Of Chemistry And Chemical Process Technologies, 2021 - Continues

Research Assistant, Inonu University, Mühendislik Fakültesi, Maden Mühendisliği, 2010 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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)
- II. **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)
- III. **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)
- IV. **Effects of mechanical activation of colemanite ($\text{Ca}_2\text{B}_6\text{O}_{11}$ center dot $5\text{H}_2\text{O}$) on its thermal**

transformations

UYDAL T., MUTLU H. S., ERDEMOĞLU M.

INTERNATIONAL JOURNAL OF MINERAL PROCESSING, vol.151, pp.51-58, 2016 (SCI-Expanded)

- V. Removal of heavy metal ions from aqueous medium using Kuluncak (Malatya) vermiculites and effect of precipitation on removal

SİS H., UYSAL T.

APPLIED CLAY SCIENCE, vol.95, pp.1-8, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. The Effect of Beneficiation Methods on Alumina Production from Pyrophyllite Ore

Aydoğmuş R., UYSAL T., ERDEMOĞLU M.

İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.2, pp.1297-1305, 2023 (Peer-Reviewed Journal)

- II. PİROFİLLİT CEVHERİNDEN ASIT LİÇİ YÖNTEMİYLE ALÜMİNYUM KAZANIMINA AKTİVASYONUN ETKİSİ

Uysal T., Erdemoğlu M., Birinci M.

Bilimsel Madencilik, vol.58, no.2, pp.111-120, 2019 (Peer-Reviewed Journal)

- III. Alumina Production from Clay Minerals: Current Reviews

ERDEMOĞLU M., BİRİNCİ M., UYSAL T.

JOURNAL OF POLYTECHNIC-POLITEKNIK DERGİSİ, vol.21, no.2, pp.387-396, 2018 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. 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

- II. 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

- III. Processing of Pyrophyllite Ores of Turkey for Various UsageAlternatives

UYSAL T., BİRİNCİ M., ERDEMOĞLU M.

2nd INTERNATIONAL CONGRESS on ENGINEERING and TECHNOLOGY SCIENCES, 22 - 25 December 2017

- IV. 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

- V. Acidic Leaching Of Thermally Activated Pyrophyllite Ore From Pütürge (Malatya-Turkey) Deposit

BİRİNCİ M., UYSAL T., ERDEMOĞLU M., PORGALI E., BARRY T. S.

XVII. Balkan Mineral Processing Congress, 1 - 03 November 2017

- VI. 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

- VII. 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

- VIII. 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
- IX. Adsorption of chromium ions in water on Kuluncak (Malatya) vermiculites
SİN H., UYSAL T.
XIII. International Mineral Processing Symposium, Aydin, Turkey, 10 - 12 October 2012, vol.1, pp.947-954

Supported Projects

TUBITAK Project, PİROFİLLİT CEVHERİNDEN ALÜMİNA ÜRETİMİ, 2015 - Continues
Uysal T., Sis H., Project Supported by Higher Education Institutions, Su İçerisindeki Ağır Metal İyonlarının Kuluncak (Malatya) Vermikülitleri Üzerine Adsorpsiyonu, 2011 - 2012

Metrics

Publication: 18
Citation (WoS): 103
Citation (Scopus): 67
H-Index (WoS): 4
H-Index (Scopus): 3