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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Maden Mühendisliği, Turkey 2015 - Continues
Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Maden Mühendisliği, Turkey 2012 - 2015
Undergraduate, Hacettepe University, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 2008 - 2012

Foreign Languages

English, B2 Upper Intermediate
Persian, C1 Advanced

Research Areas

Mining Engineering and Technology, Ore-Dressing, Chemical-Biological Winning Techniques and Mineral Processing, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Preparation of different zinc compounds from a smithsonite ore through ammonia leaching and subsequent heat treatment**
Ehsani A., EHSANİ İ., OBUT A.
PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.57, no.4, pp.96-106, 2021 (SCI-Expanded)

II. **Conversion behaviours of Sr- and Ca-containing solids in dissolved carbonate containing alkaline pregnant zinc leaching solutions**
EHSANİ İ., OBUT A.
MINERALS ENGINEERING, vol.135, pp.9-12, 2019 (SCI-Expanded)

III. **Leaching behaviour of zinc from a smithsonite ore in sodium hydroxide solutions**
EHSANİ İ., ÜÇYILDIZ A., OBUT A.
PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.55, no.2, pp.407-416, 2019 (SCI-Expanded)

IV. **Effects of sulphuric acid dissolution on the physical and chemical properties of a natural and a heated vermiculite**
EHSANİ İ., TURIANICOVA E., BALAZ M., OBUT A.
ACTA MONTANISTICA SLOVACA, vol.20, no.2, pp.110-115, 2015 (SCI-Expanded)

Articles Published in Other Journals

I. **DISSOLUTION PROPERTIES OF A DOLOMITE CONTAINING ZINC ORE IN SODIUM HYDROXIDE SOLUTIONS**
KUMAŞ C., EHSANİ İ., OBUT A.
Bilimsel Madencilik Dergisi, vol.59, no.2, pp.93-100, 2020 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. **Leaching Of A Commercial Vermiculite In H2SO4 Solutions**
EHSANİ İ., Turianicova E., Balaz M., OBUT A.
Proceedings Of The 14.International Mineral Processing Symposium, Turkey, 15 - 17 October 2014, pp.757-763

Supported Projects

OBUT A., BALAZ M., TOTHOVA (TURİANİCOVA) E., EHSANİ İ., Project Supported by Higher Education Institutions, Sülfürik Asitte Çözündürmenin Doğal ve Isıtılmış Vermikülitin Fiziksel ve Kimyasal Özellikleri Üzerindeki Etkileri, 2017 - 2017

Metrics

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