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Personal Information

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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Maden Mühendisliği, Turkey 2008 - 2014

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Maden Mühendisliği, Turkey 2005 - 2008

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 2000 - 2005

Foreign Languages

English, B2 Upper Intermediate

Research Areas

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

Academic Titles / Tasks

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2006 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Direct conversion of alkaline earth metal hydroxides and sulfates to carbonates in ammonia solutions**
Ehsani I., Ehsani A., ÜÇYILDIZ A., OBUT A.
PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.58, no.1, pp.169-180, 2022 (SCI-Expanded)
- II. **Leaching behaviour of zinc from a smithsonite ore in sodium hydroxide solutions**
EHSANI İ., ÜÇYILDIZ A., OBUT A.
PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.55, no.2, pp.407-416, 2019 (SCI-Expanded)
- III. **HIGH PRESSURE SULPHURIC ACID LEACHING OF LATERITIC NICKEL ORE**
ÜÇYILDIZ A., Girgin I.
PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.53, no.1, pp.475-488, 2017 (SCI-Expanded)
- IV. **Dissolution behaviour of a Turkish lateritic nickel ore**
GİRGIN İ., OBUT A., ÜÇYILDIZ A.
MINERALS ENGINEERING, vol.24, no.7, pp.603-609, 2011 (SCI-Expanded)
- V. **Controlled synthesis, characterization and thermal properties of Mg₂B₂O₅**

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect Of Sulphuric Acid Addition On Thermal Behaviour Of A Limonitic Nickel Laterite Ore**
ÜÇYILDIZ A., Ünalđı Ç. T., OBUT A., GİRĞİN İ.
17.Balkan Mineral Processing Congress, Turkey, 1 - 03 November 2017, vol.477
- II. **A Comparative Dry Grinding Study Of A Natural And A Heated Vermiculite**
EHSANİ İ., TOPRAK N. A., ALTUN O., ÜÇYILDIZ A., OBUT A.
3.International Porous And Powder Materials Symposium And Exhibition, Turkey, 12 - 15 September 2017, pp.6-11
- III. **Structure And Colour Properties Of Nickel Containing Magnesium Borates**
ÜÇYILDIZ A., GİRĞİN İ., OBUT A.
Proceedings Of The 12. International Mineral Processing Symposium, Turkey, 6 - 08 October 2010, pp.775-782
- IV. **Kobalt İçeren Magnezyum Boratların Sentezlenmesi Ve Karakterizasyonu**
GİRĞİN İ., OBUT A., ÜÇYILDIZ A., KARAN B., Balaz P.
4. Uluslararası Bor Sempozyumu Bildiriler Kitabı, Turkey, 15 - 17 October 2009, pp.145-152

Metrics

Publication: 9

Citation (WoS): 58

Citation (Scopus): 43

H-Index (WoS): 3

H-Index (Scopus): 2

Non Academic Experience

Hacettepe Üniversitesi