

Res. Asst. PhD DENİZ ALTUN

Personal Information

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Education Information

Doctorate, Hacettepe Üniversitesi, Fen Bilimleri, Maden Mühendisliği, Turkey 2011 - 2017

Postgraduate, Hacettepe Üniversitesi, Fen Bilimleri, Maden Mühendisliği, Turkey 2008 - 2011

Undergraduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 2002 - 2007

Foreign Languages

English, C1 Advanced

Research Areas

Mining Engineering and Technology, Ore-Dressing, Grinding and Abrasion Materials Technology, Communiton-Sizing-Classification, Process and Plant Design, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2009 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Estimation of mineral liberation distribution functions to be used in modelling of impact and attrition milling**
Altun O., Altun D.
Minerals Engineering, no.107236, pp.1-13, 2021 (Journal Indexed in SCI Expanded)
- II. **Predicting the grinding energy of vrm depending on material characterization**
ALTUN D., Benzer H., Gerold C., Schmitz C.
Minerals Engineering, vol.171, 2021 (Journal Indexed in SCI)
- III. **Investigation of the effect of multiple impacts on clinker breakage using the impact bed breakage test**
Altun D.
ZKG INTERNATIONAL, no.5, pp.38-44, 2021 (Journal Indexed in SCI Expanded)
- IV. **Developing a methodology to model and predict the grinding performance of the dry stirred mill**
ALTUN D., ALTUN O., Zencirci S.
MINERALS ENGINEERING, vol.139, 2019 (Journal Indexed in SCI)
- V. **The use of impact bed breakage procedure in model fitting of dry stirred mill**
ALTUN D., ALTUN O., Benzer H.

- PARTICULATE SCIENCE AND TECHNOLOGY, 2019 (Journal Indexed in SCI)
- VI. **Operational parameters affecting the vertical roller mill performance**
ALTUN D., Benzer H., Aydogan N., Gerold C.
MINERALS ENGINEERING, vol.103, pp.67-71, 2017 (Journal Indexed in SCI)
- VII. **Modelling of component behaviour around a cement grinding circuit**
ALTUN D., BENZER A. H. , ALTUN O.
ZKG INTERNATIONAL, vol.70, no.10, pp.58-67, 2017 (Journal Indexed in SCI)
- VIII. **Copper ore grinding in a mobile vertical roller mill pilot plant**
ALTUN D., Gerold C., Benzer H., ALTUN O., Aydogan N.
INTERNATIONAL JOURNAL OF MINERAL PROCESSING, vol.136, pp.32-36, 2015 (Journal Indexed in SCI)
- IX. **A new method for determination of fine particle breakage**
Eksi D., BENZER A. H. , SARGIN A., Genc O.
MINERALS ENGINEERING, vol.24, pp.216-220, 2011 (Journal Indexed in SCI)
- X. **Simulation assisted capacity improvement of cement grinding circuit: Case study cement plant**
DÜNDAR H., Benzer H., AYDOĞAN N., ALTUN O., TOPRAK N. A. , ÖZCAN Ö., EKŞİ D., Sargin A.
MINERALS ENGINEERING, vol.24, pp.205-210, 2011 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **THE APPLICABILITY OF SIZE-DEPENDENT BREAKAGE MODEL IN COMPRESSED BED TEST**
Altun D., Benzer A. H.
Niğde Üniversitesi Mühendislik Bilimleri Dergisi, vol.9, no.1, pp.472-479, 2020 (National Refereed University Journal)
- II. **FARKLI KIRILMA TEST PROTOKOLLERİNİN KAMARALI BİLYALI DEĞİRMEN MODELLEMESİNDE KULLANIMI**
ALTUN D., ALTUN O.
Bilimsel Madencilik Dergisi, vol.58, pp.257-266, 2019 (Other Refereed National Journals)
- III. **Modelling of pilot scale vertical roller mill operated in overflow mode**
ALTUN D., BENZER A. H.
Mineral Processing and Extractive Metallurgy, pp.1-9, 2019 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **SİNERLİK DEMİR CEVHERİ KONSANTRESİNİN DRI PELET KEKİ ÜRETİMİNİNDE KULLANILABİLİRLİĞİNİN ARAŞTIRILMASI**
BENZER A. H. , ALTUN D., ÖZAL Ö., CEBECİ V.
IMCET, Turkey, 16 - 19 April 2019
- II. **Comparing Vertical Roller Mill Performance on Two Different Precious Metal Ores**
ALTUN D., Little W., BENZER A. H. , Mainza A., Becker M., Gerold C.
Comminution 18, Cape-Town, South Africa, 16 - 19 April 2018
- III. **Effects of Bed Dimensions on Fine Particle Breakage**
ALTUN D., BENZER A. H. , ALTUN O.
Comminution 18, Cape-Town, South Africa, 16 - 19 April 2018
- IV. **Performance Evaluation of Vertical Roller Mill in Cement Grinding: Case Study ESCH Cement Plant**
ALTUN D., AYDOĞAN N. A. , ALTUN O., BENZER A. H.
15. EUROPEAN SYMPOSIUM ON COMMUNITION CLASSIFICATION, İzmir, Turkey, 11 - 14 September 2017
- V. **Application of HPGR, VRM and dry classification in mineral processing**
DÜNDAR H., BENZER A. H. , AYDOĞAN N. A. , ALTUN O., ALTUN D., TOPRAK N. A.
International Congress on Mineral Comminution 2017, Peru, Lima, Peru, 11 - 13 May 2017

VI. Operational Parameters Affecting the Vertical roller Mill Performance

ALTUN D., BENZER A. H. , AYDOĞAN N. A. , Gerold C.

Comminution 16, 10 - 15 April 2016

VII. Optmization alternatives in cement grinding circuits

TOPRAK N. A. , BENZER A. H. , AYDOĞAN N. A. , ALTUN O., DÜNDAR H., ÖZCAN Ö., ALTUN D.

14th International Mineral Processing Syposium, 15 - 17 October 2014

Citations

Total Citations (WOS):61

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