

Prof. AHMET HAKAN BENZER

Personal Information

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Education Information

Doctorate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Maden Mühendisliği, Turkey 1996 - 2000

Postgraduate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Maden Mühendisliği, Turkey 1992 - 1996

Undergraduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 1988 - 1992

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Klinker öğütme prosesinin matematiksel modellemesi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Maden Mühendisliği (YI) (Tezli), 2000

Postgraduate, Çubuklu değirmenlerin matematiksel modellenmesi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Maden Mühendisliği (YI) (Tezli), 1996

Research Areas

Mining Engineering and Technology, Ore-Dressing, Communiton-Sizing-Classification, Engineering and Technology

Academic Titles / Tasks

Professor, Hacettepe Üniversitesi, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2011 - Continues

Academic and Administrative Experience

Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Maden Mühendisliği (YI) (Tezli), 2015 - Continues

Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Maden Mühendisliği (YI) (Tezli), 2012 - 2015

Hacettepe Üniversitesi, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2012 - 2015

Advising Theses

BENZER A. H. , Mathematical modelling of vertical roller mills, Doctorate, D.ALTUN(Student), 2017

BENZER A. H. , Kokoya altın cevherinin değerlendirme olanaklarının araştırılması, Postgraduate, S.UMURHAN(Student), 2017

BENZER A. H. , Öğütme yardımcılarının çimento öğütme devresi performansı üzerine etkilerinin modellenmesi ve

simülasyonu, Doctorate, N.ALPER(Student), 2015

BENZER A. H. , Investigation of effect of operational parameters on vertical roller mills' performance, Postgraduate, H.KONURAY(Student), 2015

BENZER A. H. , Altın yığın liçi projesinde farklı kırma boylarının verimlilik ve geçirimlilik performanslarının incelenmesi, Postgraduate, E.ERKAN(Student), 2015

BENZER A. H. , Amin Bazlı Kimyasalların Çimentonun Hidratasyonu Ve Dayanımına Etkisinin İncelenmesi, Postgraduate, G.ÖZER(Student), 2015

BENZER A. H. , Investigation of dry horizontal stirred milling applications for cement grinding circuits, Doctorate, O.ALTUN(Student), 2013

BENZER A. H. , Yüksek basınçlı merdaneli değirmenlerin mineral endüstrisinde cevher öğütme performanslarının incelenmesi, Doctorate, H.DÜNDAR(Student), 2012

BENZER A. H. , Çimento üretiminde kapalı devre çalışan iki bilyalı öğütme devresinin çimento kalitesi ve enerji tüketimi açısından karşılaştırılması, Postgraduate, A.HAKTANIR(Student), 2011

BENZER A. H. , İnce tanelerin kırılma davranımlarının belirlenebileceği bir test yöntemi geliştirilmesi, Postgraduate, D.EKŞİ(Student), 2011

BENZER A. H. , Darbe ve sıkıştırılmış yatak ile kırma mekanizmalarının karşılaştırılması ve serbestleşmeye etkisi, Postgraduate, Ö.ÖZCAN(Student), 2010

BENZER A. H. , Öğütme yardımcıların ve dayanım artırıcıların devre performansı ve çimento kalitesi üzerine etkilerinin araştırılması, Postgraduate, N.ALPER(Student), 2010

BENZER A. H. , Bilya boyutunun öğütme model parametreleri üzerine etkisinin modellenmesi, Doctorate, A.SEYFİ(Student), 2009

BENZER A. H. , TKİ-GLİ Müessesesi Ömerler Kömür Hazırlama Tesisi'nin performansının değerlendirilmesi, Postgraduate, C.OLGAÇ(Student), 2008

BENZER A. H. , Farklı kırılma karakteristiği gösteren malzemelerin birlikte öğütüldükleri koşuldaki davranımlarının incelenmesi, Postgraduate, M.DOĞRUEK(Student), 2007

BENZER A. H. , Havalı sınıflandırıcıların modellenmesinde performans eğrisine dayalı farklı model yaklaşımlarının karşılaştırılması, Postgraduate, O.ALTUN(Student), 2007

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

- I. **The impacts of dry stirred milling application on quality and production rate of the cement grinding circuits**
ALTUN O., Benzer H., Karahan E., Zencirci S., Toprak A.
MINERALS ENGINEERING, vol.155, 2020 (Journal Indexed in SCI)
- II. **Effects of grinding aids on model parameters of a cement ball mill and an air classifier**
TOPRAK N. A. , BENZER A. H.
Powder Technology, 2018 (Journal Indexed in SCI Expanded)
- III. **Development of a preliminary media wear measurement test procedure for cement ball milling applications**
ÇOLAK S. S. , ALTUN O., BENZER A. H. , GENCER Z., KOÇAK H.
POWDER TECHNOLOGY, vol.325, pp.678-686, 2018 (Journal Indexed in SCI)
- IV. **The effects of grinding aids on modelling of air classification of cement**
TOPRAK N. A. , ALTUN O., BENZER A. H.
CONSTRUCTION AND BUILDING MATERIALS, vol.160, pp.564-573, 2018 (Journal Indexed in SCI)
- V. **Improving early-age strength of fly ash cement and increasing fly ash content by inter-grinding**
ZENCİRCİ S., ALTUN O., BENZER A. H. , ONAT L., NEMLİ O.
ZKG INTERNATIONAL, vol.71, no.10, pp.52-63, 2018 (Journal Indexed in SCI)
- VI. **Operational parameters affecting the vertical roller mill performance**
ALTUN D., Benzer H., Aydoğan 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. **Multi component modelling of an air classifier**
ALTUN O., Toprak A., Benzer H., DARILMAZ O.
MINERALS ENGINEERING, vol.93, pp.50-56, 2016 (Journal Indexed in SCI)
- IX. **Effect of High Pressure Grinding Rolls (HPGR) pre-grinding and ball mill intermediate diaphragm grate design on grinding capacity of an industrial scale two-compartment cement ball mill classification circuit**
Genc O., BENZER A. H.
MINERALS ENGINEERING, vol.92, pp.47-56, 2016 (Journal Indexed in SCI)
- X. **Utilization of grinding aids in dry horizontal stirred milling**
ALTUN O., Benzer H., Toprak A., Enderle U.
POWDER TECHNOLOGY, vol.286, pp.610-615, 2015 (Journal Indexed in SCI)
- XI. **Investigating multicomponent breakage in cement grinding**
DÜNDAR H., Benzer H.
MINERALS ENGINEERING, vol.77, pp.131-136, 2015 (Journal Indexed in SCI)
- XII. **Analysis of specific discharge rate functions in industrial scale cement grinding multi-compartment ball mills to assist ball mill modeling**
Genc O., BENZER A. H.
MINERALS ENGINEERING, vol.74, pp.20-29, 2015 (Journal Indexed in SCI)
- XIII. **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)
- XIV. **Effect of operational parameters and recycling load on the high pressure grinding rolls (HPGR) performance**
ÖZCAN Ö., AYDOĞAN N., Benzer H.
INTERNATIONAL JOURNAL OF MINERAL PROCESSING, vol.136, pp.20-25, 2015 (Journal Indexed in SCI)
- XV. **The effects of chamber diameter and stirrer design on dry horizontal stirred mill performance**
ALTUN O., Benzer H., Enderle U.
MINERALS ENGINEERING, vol.69, pp.24-28, 2014 (Journal Indexed in SCI)
- XVI. **The influences and selection of grinding chemicals in cement grinding circuits**
TOPRAK N. A. , ALTUN O., Aydogan N., Benzer H.
CONSTRUCTION AND BUILDING MATERIALS, vol.68, pp.199-205, 2014 (Journal Indexed in SCI)
- XVII. **Selection and mathematical modelling of high efficiency air classifiers**
ALTUN O., BENZER H.
POWDER TECHNOLOGY, vol.264, pp.1-8, 2014 (Journal Indexed in SCI)
- XVIII. **Analysis of single particle impact breakage characteristics of raw and HPGR-crushed cement clinkers by drop weight testing**
Genc O., BENZER A. H. , ERGÜN Ş.
POWDER TECHNOLOGY, vol.259, pp.37-45, 2014 (Journal Indexed in SCI)
- XIX. **Application of population balance model to HPGR crushing**
DÜNDAR H., BENZER H., Aydogan N.
MINERALS ENGINEERING, pp.114-120, 2013 (Journal Indexed in SCI)
- XX. **Comparison of different breakage mechanisms in terms of product particle size distribution and mineral liberation**
ÖZCAN Ö., Benzer H.
MINERALS ENGINEERING, vol.49, pp.103-108, 2013 (Journal Indexed in SCI)
- XXI. **The dependence of specific discharge and breakage rate functions on feed size distributions, operational and design parameters of industrial scale multi-compartment cement ball mills**
Genc O., ERGÜN Ş., BENZER A. H.

- POWDER TECHNOLOGY, vol.239, pp.137-146, 2013 (Journal Indexed in SCI)
- XXII. **Effects of operating parameters on the efficiency of dry stirred milling**
ALTUN O., Benzer H., Enderle U.
MINERALS ENGINEERING, pp.58-66, 2013 (Journal Indexed in SCI)
- XXIII. **Comparison of open and closed circuit HPGR application on dry grinding circuit performance**
ALTUN O., BENZER H., DÜNDAR H., AYDOĞAN N. A.
MINERALS ENGINEERING, vol.24, pp.267-275, 2011 (Journal Indexed in SCI)
- XXIV. **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)
- XXV. **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)
- XXVI. **Horizontal roller mill (Horomill (R)) application versus hybrid HPGR/ball milling in finish grinding of cement**
GENC O., BENZER A. H.
MINERALS ENGINEERING, vol.22, no.15, pp.1344-1349, 2009 (Journal Indexed in SCI)
- XXVII. **Single particle impact breakage characteristics of clinkers related to mineral composition and grindability**
GENC O., BENZER A. H.
MINERALS ENGINEERING, vol.22, no.13, pp.1160-1165, 2009 (Journal Indexed in SCI)
- XXVIII. **Modeling of the classification behavior of the diaphragms used in multi-chamber cement mills**
OZER C. E. , Ergun S. L. , Benzer A. H.
INTERNATIONAL JOURNAL OF MINERAL PROCESSING, vol.80, no.1, pp.58-70, 2006 (Journal Indexed in SCI)
- XXIX. **Modeling and simulation of a fully air swept ball mill in a raw material grinding circuit**
Benzer H.
POWDER TECHNOLOGY, vol.150, no.3, pp.145-154, 2005 (Journal Indexed in SCI)
- XXX. **Simulation of a closed cement grinding circuit**
Lynch A., Oner M., Benzer H.
ZKG INTERNATIONAL, vol.53, no.10, pp.560-567, 2000 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Effect of Mill Feed Size Distribution and Grinding Media Size on Size Reduction Performance of an Industrial Scale Vibrating Ball Mill (VBM) in Cement Clinker Grinding**
GENÇ Ö., BENZER A. H.
Scientific Mining Journal, vol.58, no.4, 2019 (Refereed Journals of Other Institutions)
- II. **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)
- III. **Operational Performance of a Conventional Two-compartment Ball Mill Grinding Circuit at Different Cement Productions**
GENÇ Ö., BENZER A. H.
Scientific Mining Journal, 2018 (Other Refereed National Journals)
- IV. **HPGR simulation from piston-die tests with an itabirite ore**
BENZER A. H. , DÜNDAR H., ALTUN O., TAVARES L. M. , POWELL M., MAZZINGHY D. B. , RUSSO J. F.
REM - International Engineering Journal, vol.70, no.1, pp.99-107, 2017 (Refereed Journals of Other Institutions)
- V. **Bilyalı Değirmen Separatör Kapalı Devre Sisteminde Performans Değerlendirme**
BENZER A. H.
Sintek Plus, pp.16-31, 2016 (Other Refereed National Journals)

Books & Book Chapters

I. Classifiers

Alban L., Mark W., DÜNDAR H., BENZER A. H. , Jobe W.

in: Comminution Handbook, Alban Lynch, Editor, The Australasian Institute of Mining and Metallurgy, Melbourne, pp.145-166, 2015

II. Comminution Circuits for Ores, Cement and Coal

Walter W., BENZER A. H. , Cliff K., Glenn S.

in: Comminution Handbook, Alban Lynch, Editor, The Australasian Institute of Mining and Metallurgy, Melbourne, pp.167-190, 2015

Refereed Congress / Symposium Publications in Proceedings

I. Optimisation of the Crushing Circuit in a Copper Operation

Sönmez B., LynchWatson S., Villalobos S., DÜNDAR H., BENZER A. H.

IMCET 2019 (26th International Mining Congress and Exhibition of Turkey), Antalya, Turkey, 16 - 19 April 2019

II. PROPOSED FLOWSHEET DESIGN FOR A CEMENT GRINDING CIRCUIT BY CONSIDERING FINE GRINDING TECHNOLOGY

ALTUN O., Karahan C. E. , Zencirci E. S. , TOPRAK N. A. , BENZER A. H.

IMCET 2019, 15 - 19 April 2019

III. Effect of operational conditions on energy efficiencies of air swept ball mill and classification circuits in cement raw material production

GENÇ Ö., BENZER A. H.

Türkiye 26. Uluslararası Madencilik Kongresi ve Sergisi, 16 - 19 April 2019

IV. SİNTERLİK DEMİR CEVHERİ KONSANTRESİNİN DRI PELET KEKİ ÜRETİMİNİNDE KULLANILABİLİRLİĞİNİN ARAŞTIRILMASI

BENZER A. H. , ALTUN D., ÖZAL Ö., CEBEÇİ V.

IMCET, Turkey, 16 - 19 April 2019

V. Comminution Process

BENZER A. H.

Weir MCU Conference, 06 November 2018

VI. The Impacts of Fine Grinding Around Different Streams of Cement Grinding Circuits

ALTUN O., Sert T., Zencirci S. E. , TOPRAK N. A. , BENZER A. H.

IMPC 2018 Turkey, 23 - 25 October 2018

VII. The impacts of fine grinding around different streams of cement grinding circuit

ALTUN O., Sert T., Zencirci E. S. , TOPRAK N. A. , BENZER A. H.

IMPS 2018, 23 - 25 October 2018

VIII. Discussing the ball mill circuit design in cement production performance

GENÇ Ö., BENZER A. H.

16th International Mineral Processing Symposium, 23 - 25 October 2018

IX. First application of a Vertical-Roller-Mill in a sulfide copper-gold ore project

BENZER A. H. , Gerold C.

Comminution-18, 16 - 19 April 2018

X. Prediction of the pilot HPGR product size distribution by using population balance model

Sonmez B., BENZER A. H. , DÜNDAR H., Watson Lynch S.

Comminution 18, 16 - 19 April 2018

XI. 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

XII. 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
- XIII. **Energy Efficient Cement Production in a Conventional Two-Compartment Ball Mill Grinding Circuit**
GENÇ Ö., BENZER A. H.
International Symposium on Mining and Environment, Muğla, Turkey, 27 - 29 September 2017
- XIV. **Development of a preliminary media wear test procedure for cement ball milling applications**
ALTUN O., Çolak S., BENZER A. H. , Gencer Z., Koçak H.
ESCC'2017 Uluslararası öğütme ve sınıflandırma sempozyumu, 11 - 14 September 2017
- XV. **Fine grinding of fly ash and its effect on cement recipe**
Zencirci S., ALTUN O., BENZER A. H. , Onat L., Nemli O.
ESCC 2017 Uluslararası öğütme ve sınıflandırma kongresi, 11 - 14 September 2017
- XVI. **Effects of Grinding Aid Dosage on Cement Grinding Circuit**
TOPRAK N. A. , BENZER A. H.
ESCC 2017 15th European Symposium of Comminution and Classification, 11 - 14 September 2017
- XVII. **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
- XVIII. **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
- XIX. **High pressure grinding rolls: Moving from cement to minerals**
DÜNDAR H., AYDOĞAN N. A. , BENZER A. H.
IMCET 2017: New Trends in Mining - Proceedings of 25th International Mining Congress of Turkey 2017, 11 - 14 April 2017
- XX. **Performance Evaluation of a Conventional Closed Circuit Process at Different Cement Productions**
GENÇ Ö., BENZER A. H.
25th International Mining Congress of Turkey 2017, 11 January - 14 April 2017
- XXI. **Performance Evaluation of An industrial Scale Two Compartment Cement Ball Mill and Dynamic Classifier Closed Circuit Process at Different Feed Conditions**
GENÇ Ö., BENZER A. H.
15th Mineral Processing Symposium, 19 - 21 October 2016
- XXII. **Media wear measurements in a laboratory scale ball mill**
ÇOLAK S., ALTUN O., TOPRAK N. A. , BENZER A. H.
15th International Mineral Processing Symposium, 19 - 21 October 2016
- XXIII. **Possible applications of dry stirred milling in a cement grinding circuit**
ALTUN O., BENZER A. H. , Udo E.
8th International Symposium Fine Grinding and Dispersing, 13 - 14 October 2016
- XXIV. **High Pressure Grinding Technology Roller Presses Application and Modelling**
BENZER A. H.
KHD Technology Summit, 28 - 30 September 2016
- XXV. **Operational Parameters Affecting the Vertical roller Mill Performance**
ALTUN D., BENZER A. H. , AYDOĞAN N. A. , Gerold C.
Comminution 16, 10 - 15 April 2016
- XXVI. **Closed circuiting the HPGRs air classification their operations and efficiencies**
ALTUN O., BENZER A. H. , DÜNDAR H.
Comminution'xx16, 10 - 14 April 2016
- XXVII. **Optimization 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 Symposium, 15 - 17 October 2014
- XXVIII. **Optimization Alternatives in Cement Grinding Circuits**
TOPRAK N. A. , BENZER A. H. , AYDOĞAN N. A. , ALTUN O., DÜNDAR H., ÖZCAN Ö., ALTUN D.

IMPS, 15 - 17 October 2014

- XXIX. **Simulation aided energy optimization of a Cu Zn ore grinding circuit**
ALTUN O., BENZER A. H. , AYDOĞAN N. A. , TOPRAK N. A. , Arslan A., Nihan S.
14th International Mineral Processing Symposium, 15 - 17 October 2014
- XXX. **Effect of the Recycling Load on the High Pressure Grinding Rolls HPGR Performance**
ÖZCAN Ö., AYDOĞAN N. A. , BENZER A. H.
13th EUROPEAN SYMPOSIUM ON COMMINUTION AND CLASSIFICATION, Braunschweig, Germany, 9 - 12 September 2013, pp.51-52
- XXXI. **Improving material transportation of dry horizontal stirred mill in cement grinding**
ALTUN O., BENZER A. H. , Udo E.
ESCC 2013, 9 - 12 September 2013
- XXXII. **Modelling and Simulation Studies at an Aggregate Plant**
Sönmez B., Nozawa E., Corsini J., Jankovic A., Valery W., DÜNDAR H., BENZER A. H. , Ribeiro R.
BMPC 2013 (XV Balkan Mineral Processing Congress), Sozopol, Bulgaria, 12 - 16 June 2013
- XXXIII. **Design exercise of an HPGR**
DÜNDAR H., BENZER A. H. , AYDOĞAN N. A.
Comminution 12, Cape-Town, South Africa, 17 - 20 April 2012
- XXXIV. **Effects of the Rolls Speed and Pressure on the HPGR Performance During Gold Ore Grinding**
DÜNDAR H., BENZER A. H. , Mainza A., Dzomeku C.
SAG Conference 2011 (Fifth International Conference on Autogenous Grinding, Semiautogenous Grinding and HPGR Technology), Vancouver, Canada, 25 - 28 September 2011
- XXXV. **LKAB Autogenous Milling of Magnetite**
Powell M., BENZER A. H. , DÜNDAR H., AYDOĞAN N. A. , Adolfsson G., Partapuoli A., Wikström P., Fredriksson A., Tano K.
SAG Conference 2011 (Fifth International Conference on Autogenous Grinding, Semiautogenous Grinding and HPGR Technology), Vancouver, Canada, 25 - 28 September 2011
- XXXVI. **Importance of the Feed Size Distribution and Recycle on the HPGR Performance**
DÜNDAR H., BENZER A. H. , AYDOĞAN N. A. , Powell M., Mainza A.
SAG Conference 2011 (Fifth International Conference on Autogenous Grinding, Semiautogenous Grinding and HPGR Technology), Vancouver, Canada, 25 - 28 September 2011
- XXXVII. **Reducing the Energy Required in Grinding Clinker to Cement – Some Case Studies**
BENZER A. H. , AYDOĞAN N. A. , DÜNDAR H., Lynch A. J.
MetPlant 2011 (Metallurgical Plant Design and Operating Strategies), Perth, Australia, 8 - 09 August 2011
- XXXVIII. **Modelling and Simulation of the Crushing Screening Plant in a Gold Mine**
DÜNDAR H., BENZER A. H. , ÖZCAN Ö., TOPRAK N. A. , EROL U. K. , SHERREN K., DEMİR M.
12th International Mineral Processing Symposium, Nevşehir, Turkey, 6 - 08 October 2010
- XXXIX. **Modelling and Simulation of the Crushing and Screening Plant in a Gold Mine**
DÜNDAR H., BENZER A. H. , ÖZCAN Ö., TOPRAK N. A. , Erol U. K. , Sherren K., Demir M.
IMPS 2010 (XII International Mineral Processing Symposium), Nevşehir, Turkey, 6 - 08 October 2010
- XL. **Decreasing specific energy consumption of a cement plant by adjusting the separator parameters**
ALTUN O., BENZER A. H.
12th International mineral processing symposium, 6 - 08 October 2010
- XLI. **Investigation of producing cement with lower cost and higher quality by chemicals used in grinding operation**
TOPRAK N. A. , ALTUN O., AYDOĞAN N. A. , BENZER A. H.
12th International mineral processing symposium, 6 - 08 October 2010
- XLII. **Comparison of wet and dry centrifugal based classification efficiency**
BENZER A. H. , Mainza A., ALTUN O.
Comminution 2010, Cape-Town, South Africa, 13 - 16 April 2010
- XLIII. **Effect of the Recycling Load on the High Pressure Grinding Rolls' Performance - A Case Study with the Industrial Unit During Cement Clinker Grinding**

- DÜNDAR H., AYDOĞAN N., Benzer H., Lynch A. J.
10th Mill Operators Conference, Adelaide, Australia, 12 - 14 October 2009, pp.161-163
- XLIV. **Modelling of the high efficiency air classifiers**
ALTUN O., BENZER A. H.
SAIMM Mineral Processing, 7 - 08 August 2008
- XLV. **Exploring The Potential Use of Barmac B-Series Vertical Shaft Impactors in Cement Plants**
Esen S., DÜNDAR H., BENZER A. H.
BMPC 2007 (XII Balkan Mineral Processing Congress), Delhi, Canada, 10 - 14 June 2007
- XLVI. **The improvement of mill throughput using Barmac pregrinding technology at cement plants**
Esen S., Benzer H.
20th International Mining Congress and Exhibition of Turkey (IMCET 2007), Ankara, Turkey, 6 - 08 June 2007, pp.79-80
- XLVII. **Simulation aided design of Soma Deniz coal washing plant and comparison with the actual performance**
ANAÇ S., ERSUN E., BENZER A. H. , CAN N. M.
International Mineral Processing Congress, İstanbul, Turkey, 3 - 08 September 2006, pp.2520-2524
- XLVIII. **Flotasyonda kalma süresi ve besleme tane boyunun verim üzerine etkisinin simülasyonla incelenmesi**
CAN N. M. , GÜLSOY Ö. Y. , EKMEKÇİ Z. , ERGÜN Ş. L. , BENZER A. H.
Türkiye 19. Uluslararası Madencilik Kongresi, 9 - 12 June 2005
- XLIX. **Performance evaluation studies in Çayeli Grinding Circuit**
ERGÜN Ş. L. , GÜLSOY Ö. Y. , CAN N. M. , BENZER A. H.
International Mining Congress of Turkey, İzmir, Turkey, 9 - 12 June 2005, pp.213-222
- L. **Optimization of Çayeli ÇBİ grinding circuit by modeling and simulation**
ERGÜN Ş. L. , GÜLSOY Ö. Y. , CAN O. M. , BENZER A. H.
The 19th International Mining Congress, 9 - 12 June 2005
- LI. **Performance evaluation of ÇBİ Flotation Plant using Mineralogical Analysis**
EKMEKÇİ Z. , CAN N. M. , ERGÜN Ş. L. , GÜLSOY Ö. Y. , BENZER A. H. , ÇELİK İ. B.
The 19th International Mining Congress of Turkey, 9 - 12 June 2005
- LII. **Performance evaluation studies in Çayeli Grinding Circui**
ERGÜN Ş. L. , GÜLSOY Ö. Y. , CAN N. M. , BENZER A. H.
The 19th International Mining Congress of Turkey, 10 - 12 May 2005
- LIII. **Simulation Studies at Madneuli Copper Flotation Plant**
ERGÜN Ş. L. , GÜLSOY Ö. Y. , EKMEKÇİ Z. , BENZER A. H.
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- LIV. **Performance of a pitched sluice for the concentration of very low grade chromite ore**
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