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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Eskişehir Osmangazi Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Maden Mühendisliği (Dr), Türkiye 1999 - 2005
Yüksek Lisans, Eskişehir Osmangazi Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Maden Mühendisliği (YI) (Tezli), Türkiye 1992 - 1996

Lisans, Anadolu Üniversitesi, Mühendislik-Mimarlık Fakültesi, Maden Mühendisliği Bölümü, Türkiye 1988 - 1992

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Görüntü analizi yöntemi ile ufalanmış minerallerin tane şekil karakterizasyonu, Eskişehir Osmangazi Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Maden Mühendisliği (Dr), 2005

Yüksek Lisans, Görüntü analiz cihazı ile zenginleştirme öncesi tane boyut analizi, Eskişehir Osmangazi Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Maden Mühendisliği (YI) (Tezli), 1996

Araştırma Alanları

Maden Mühendisliği ve Teknolojisi, Katıların Tane Boyutunun Küçültülmesi ve Büyütülmesi, Temizleme ve Arıtma, Kırma, Öğütme, Boyutlandırma, Flotasyon ve Flokülasyon, Susuzlandırma, Kimyasal-Biyolojik Kazanma Teknikleri ve Cevher Hazırlama

Akademik Unvanlar / Görevler

Prof. Dr., Eskişehir Osmangazi Üniversitesi, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MADEN MÜHENDİSLİĞİ BÖLÜMÜ, 2019 - Devam Ediyor

Doç. Dr., Eskişehir Osmangazi Üniversitesi, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MADEN MÜHENDİSLİĞİ BÖLÜMÜ, 2013 - 2019

Akademik İdari Deneyim

Eskişehir Osmangazi Üniversitesi, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, Maden Mühendisliği Bölümü, 2015 - 2018

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Modeling and optimization of reagent dosages and pH for efficient floc-flotation of suspended particles in Jameson flotation cell by CCD**
Taşdemir T., Taşdemir A.
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- II. **Optimization of floc-flotation process in the removal of suspended particles from wastewater in a Jameson cell using central composite design**
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- III. **APPLICATION OF STATISTICAL PROCESS CONTROL FOR PROPER PROCESSING OF THE FORE-SUDETIC MONOCLINE COPPER ORE**
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PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, cilt.50, sa.1, ss.249-264, 2014 (SCI-Expanded)
- IV. **EFFECT OF AUTOCORRELATION ON THE PROCESS CONTROL CHARTS IN MONITORING OF A COAL WASHING PLANT**
Tasdemir A.
PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, cilt.48, sa.2, ss.495-512, 2012 (SCI-Expanded)
- V. **IMAGE ANALYSIS OF NARROW SIZE FRACTIONS OBTAINED BY SIEVE ANALYSIS - AN EVALUATION BY LOG-NORMAL DISTRIBUTION AND SHAPE FACTORS**
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- VI. **Gas entrainment rate and flow characterization in downcomer of a Jameson cell**
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- VII. **A Comparative Study on PSD Models for Chromite Ores Comminuted by Different Devices**
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PARTICLE & PARTICLE SYSTEMS CHARACTERIZATION, cilt.26, ss.69-79, 2009 (SCI-Expanded)
- VIII. **Fractal evaluation of particle size distributions of chromites in different comminution environments**
Tasdemir A.
MINERALS ENGINEERING, cilt.22, sa.2, ss.156-167, 2009 (SCI-Expanded)
- IX. **Evaluation of grain size distribution of unbroken chromites**
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- X. **The effect of particle size and some operating parameters in the separation tank and the downcomer on the Jameson cell recovery**
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MINERALS ENGINEERING, cilt.20, sa.15, ss.1331-1336, 2007 (SCI-Expanded)
- XI. **Air entrainment rate and holdup in the Jameson cell**
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Diğer Dergilerde Yayınlanan Makaleler

- I. **Effect of Secondary Aging of AA7075 Aluminum Alloy to Hardness**
BAKSAN B., TAŞDEMİR A., ÇELİKYÜREK İ.
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- II. **Effect of Secondary Aging of Copper-Chromium Alloys to Electrical Conductivity**
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- The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), cilt.16, ss.63-68, 2021 (Hakemli Dergi)
- III. **Determination ARIMA Model for the Discharge Acid Concentration in Pressure Oxidation Autoclave at A Gold Processing Plant**
TAŞDEMİR A., ÇELİKYÜREK İ., BAKSAN B.
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- IV. **Resistance Spot Weld Ability of Mild Steel Coated with Zn, Galvan and ZA12**
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- V. **Investigation of the Effect of Some Factors on Resistance Spot Welding of DKP Steel Using Response Surface Method**
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- VI. **Effect of Alloying on the Microstructure and Strength of the Ni Bronzes**
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- VII. **Bazı Flokülasyon Parametrelerinin Etkinliğinin Kuvars Kullanılarak Araştırılması**
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- VIII. **Determination of Control Limits for Ash Content of Clean Coal Processed by Heavy Medium Drum**
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- IX. **Prediction of Ash Content for Coarse Coal Prepared with Heavy Medium Drum by ARIMA(1,0,1) Model**
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- X. **Determination of the Effects of Operating Parameters on the Residual Turbidity of Quartz Suspensions by Design of Experiments**
Taşdemir A., Taşdemir T.
European Journal of Engineering and Natural Sciences, cilt.1, sa.1, ss.23-32, 2016 (Scopus)
- XI. **Removal of Fine Particles from Wastewater Using Induced Air Flotation**
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- XII. **Çeneli Kırıcıda Ufalanan Kromitlerin Tane Şekil Karakterizasyonu**
TAŞDEMİR A., ÖTEYAKA B., ÖZDAĞ H.
Eskişehir Osmangazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, cilt.21, sa.1, 2008 (Hakemli Dergi)
- XIII. **Karaburhan Bantlı Kromit Cevherinin Ufalama Öncesi Tane Boyut Analizi**
TAŞDEMİR A., BOZKURT R.
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- XIV. **Jameson Hücrelerinde Önemli Çalışma Parametrelerinin Hava Tutunumu ve Giren Hava Miktarına Etkileri**
TAŞDEMİR T., ÖTEYAKA B., TAŞDEMİR A.
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- I. **Merkezi Kompozit Tasarımı Kullanılarak Koagülasyon Flokülasyon Prosesiyle Atıksu Bulanıklığının Giderilmesi**
TAŞDEMİR A.
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- II. **Kömürün Alt Isıl Değerinin Çoklu Lineer Regresyon İle Tahmininde Değişken Seçiminin Önemi**
TAŞDEMİR A.
International Science and Academic Congress, INSAC'18, Konya, Türkiye, 8 - 09 Aralık 2018, ss.65-75
- III. **Friction Welding of Fe3Al and AZ91 Alloys**
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2nd International Conference on Innovations in Natural Science and Engineering, Kiev, Ukrayna, 7 - 10 Eylül 2018, ss.174-177
- IV. **Microstructure and Strength of Diffusion Bonded Nodular Cast Iron to Pure Copper**
ÇELİKÜREK İ., BAKSAN B., TORUN O., TAŞDEMİR A.
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- V. **Optimization of Resistance Spot Welding Conditions for Mild Steel by Response Surface Method**
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- VI. **Effect of Cold work to Recrystallization Temperature and Grain Size of Cold Worked Pure Copper**
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- VII. **Determination of Parameters Effecting Aging Heat Treatment of AA7075 Aluminum Alloy by Response Surface Method**
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- VIII. **Application of Box-Behnken Experimental Design on Resistance Spot Welding of DKP Steel**
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- IX. **Central Composite Design for Wastewater Treatment by Flocculation in Jameson Cell**
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- X. **Determination of Parameters Effecting Aging Heat Treatment of AA7075 Aluminum Alloy by Response Surface Method**
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- XI. **Normal dağılıma uymayan temiz kömür kısa analiz içeriklerinin normal dağılıma dönüştürülmesi**
TAŞDEMİR A., ATALAY D.
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- XII. **Applying the Normalisation Methods for the Coal Net Calorific Values Data and Their Comparison**
TAŞDEMİR A.
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- XIII. **Some Factors Affecting Flocculation Properties of Fine Quartz Particles**
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- XIV. **Statistical Process Control of Ash Content for 10 0 5 mm Coal Product of Heavy Medium Cyclone**
TAŞDEMİR A.
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- XV. **Prediction of Ash Content for Coarse Coal Prepared with Heavy Medium Drum by ARIMA(1,0,1) Model**
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International Science and Technology Conference, ISTE'2016, Viyana, Avusturya, 13 - 15 Temmuz 2016, ss.832-839
- XVI. **Determination of Control Limits for Ash Content of Clean Coal Processed by Heavy Medium Drum**
TAŞDEMİR A.
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- XVII. **Ni-Al Alaşımının Borlanması ve Box-Behnken Deney Tasarımının Uygulanması**
TORUN O., TAŞDEMİR A., ÇELİKÜREK İ., BAKSAN B.
1st International Conference on Engineering Technology and Applied Sciences, Afyonkarahisar, Türkiye, 21 - 22 Nisan 2016, ss.439
- XVIII. **Estimation of Coal Ash Content Washed in Heavy Medium Cyclone by ARIMA Time Series Model**
TAŞDEMİR A.
1st International Conference on Engineering Technology and Applied Sciences, 21 - 22 Nisan 2016, ss.1399-1406
- XIX. **Determination of the Effects of Operating Parameters on the Residual Turbidity of Quartz Suspensions by Design of Experiments**
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- XX. **Application of ARIMA Residuals Chart for Spiral at A Coal Preparation Plant**
TAŞDEMİR A.
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- XXI. **Effect of Mixing Conditions on Flocculation**
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- XXII. **Prediction of Chromite Concentrate Recovery in A Chromite Processing Plant by ARIMA Model of Time Series**
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- XXIII. **The Mean Projected Area Diameters of Chromite Particles on Polished Sections of Sieved Fractions**
TAŞDEMİR A., ÖZDAĞ H., ÖNAL G.
XIV Balkan Mineral Processing Congress, Tuzla, Bosna-Hersek, 14 - 16 Haziran 2011, ss.109-113
- XXIV. **Usage of Box-Behnken Experimental Design for the Flocculation of Quartz Suspensions**
TAŞDEMİR A., TAŞDEMİR T., KILIÇ H.
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- XXV. **Mermer İşleme Tesisi Atık Sularına Flokülasyon ve Koagülasyon Yöntemlerinin Uygulanması**
TAŞDEMİR T., TAŞDEMİR A.
4. Madencilik ve Çevre Sempozyumu, İzmir, Türkiye, 2 - 03 Haziran 2011, ss.293-299
- XXVI. **Grain Size Distribution of Chromite particles in Polished Sections of Sieve Fractions**
TAŞDEMİR A., ÖZDAĞ H., ÖNAL G.
22nd International Mining Congress and Exhibition of Turkey, Ankara, Türkiye, 11 - 13 Mayıs 2011, ss.367-373
- XXVII. **Box-Behnken Deney Tasarımıyla Doğaltaş İşleme Tesisi Atıksularında Flokülasyon İşleminin Değerlendirilmesi**
TAŞDEMİR T., TAŞDEMİR A., KAKABAYEV H.
Türkiye 22 Uluslararası Madencilik Kongresi ve Sergisi, Ankara, Türkiye, 11 - 13 Mayıs 2011, ss.309-315
- XXVIII. **Removal of Fine Particles from Wastewater Using Induced Air Flotation**
TAŞDEMİR T., TAŞDEMİR A., GEÇGEL Y.
International Science and Technology Conference, Magosa, Kıbrıs (Kktc), 27 - 29 Ekim 2010, ss.606-612
- XXIX. **Length Measurements of Narrowly Sieved Quartz Particles by Image Analysis and Conversion to**

Sieve Size

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- XXX. **Use of Different Image Analysis Size Definions to Compare Sİeve Size for NArrowly Sieved Quartz Particles**
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- XXXI. **Comparison of Geometric Mean Sizes Obtained by Image Analysis and Sieving and Their Correlation**
TAŞDEMİR A., ÖZDAĞ H., ÖNAL G.
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- XXXII. **The role of nozzle and downcomer diameter in Jameson Cell**
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- XXXIII. **Characterization of Some Minerals using Image Analysis Technique**
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- XXXIV. **Breakage Characterization of Pyrite by Image Analyzer**
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7th International Mineral Processing Symposium, İstanbul, Türkiye, 15 - 17 Eylül 1998, ss.49-54
- XXXV. **Particle Size Determination of Unbroken Banded Chromite Ore by Image Analyzer**
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XX International Mineral Processing Congress, Aachen, Almanya, 21 - 26 Eylül 1997, ss.131-139

Metrikler

Yayın: 60

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Atıf (Scopus): 152

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