

Prof.Dr. ADEM TAŞDEMİR

Kişisel Bilgiler

Web: <https://avesis.ogu.edu.tr/atasdem>

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0003-4601-4849

Yoksis Araştırmacı ID: 171804

Eğitim Bilgileri

Doktora, Eskişehir Osmangazi Üniversitesi, Fen Bilimleri Enstitüsü, Maden Mühendisliği (Dr), Türkiye 1999 - 2005

Yüksek Lisans, Eskişehir Osmangazi Üniversitesi, Fen Bilimleri Enstitüsü, 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 Bilimleri Enstitüsü, Maden Mühendisliği (Dr), 2005

Yüksek Lisans, Görüntü analiz cihazı ile zenginleştirme öncesi tane boyut analizi, Eskişehir Osmangazi Üniversitesi, Fen Bilimleri Enstitüsü, 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, Mühendislik-Mimarlık Fakültesi, Maden Müh.Bölümü, 2019 - Devam Ediyor
Doç.Dr., Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, Maden Müh.Bölümü, 2013 - 2019

Akademik İdari Deneyim

Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, 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-flootation of suspended particles in Jameson flotation cell by CCD**
Taşdemir T., Taşdemir A.
Journal of Water Process Engineering, cilt.55, 2023 (SCI-Expanded)
- II. **Optimization of floc-flootation process in the removal of suspended particles from wastewater in a Jameson cell using central composite design**
Taşdemir T., Taşdemir A.
Journal of Water Process Engineering, cilt.52, 2023 (SCI-Expanded)
- III. **APPLICATION OF STATISTICAL PROCESS CONTROL FOR PROPER PROCESSING OF THE FORE-SUDETIC MONOCLINE COPPER ORE**
TAŞDEMİR A., Kowalcuk P. B.
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**
TAŞDEMİR A., Ozdag H., Onal G.
PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, cilt.46, ss.95-106, 2011 (SCI-Expanded)
- VI. **Gas entrainment rate and flow characterization in downcomer of a Jameson cell**
TAŞDEMİR T., TAŞDEMİR A., Oteyaka B.
PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, cilt.47, ss.61-78, 2011 (SCI-Expanded)
- VII. **A Comparative Study on PSD Models for Chromite Ores Comminuted by Different Devices**
TAŞDEMİR A., TAŞDEMİR T.
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**
Tasdemir A.
MINERALS ENGINEERING, cilt.21, sa.10, ss.711-719, 2008 (SCI-Expanded)
- X. **The effect of particle size and some operating parameters in the separation tank and the downcomer on the Jameson cell recovery**
Tasdemir A., Tasdemir T., Oteyaka B.
MINERALS ENGINEERING, cilt.20, sa.15, ss.1331-1336, 2007 (SCI-Expanded)
- XI. **Air entrainment rate and holdup in the Jameson cell**
Tasdemir T., Oteyaka B., Tasdemir A.
MINERALS ENGINEERING, cilt.20, sa.8, ss.761-765, 2007 (SCI-Expanded)

Düzen Dergilerde Yayınlanan Makaleler

- I. **Effect of Secondary Aging of AA7075 Aluminum Alloy to Hardness**
BAKSAN B., TAŞDEMİR A., ÇELİKYÜREK İ.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), cilt.16, ss.20-25, 2021
(Hakemli Dergi)
- II. **Effect of Secondary Aging of Copper-Chromium Alloys to Electrical Conductivity**
BAKSAN B., ÇELİKYÜREK İ., TAŞDEMİR A.

- 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.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), cilt.16, ss.39-46, 2021
(Hakemli Dergi)
- IV. Resistance Spot Weld Ability of Mild Steel Coated with Zn, Galfan and ZA12**
ÇELİKYÜREK İ., TAŞDEMİR A., BAKSAN B.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), cilt.16, ss.57-62, 2021
(Hakemli Dergi)
- V. Investigation of the Effect of Some Factors on Resistance Spot Welding of DKP Steel Using Response Surface Method**
TAŞDEMİR A., BAKSAN B., ÇELİKYÜREK İ.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), cilt.16, ss.145-152, 2021
(Hakemli Dergi)
- VI. Effect of Alloying on the Microstructure and Strength of the Ni Bronzes**
ÇELİKYÜREK İ., BAKSAN B., TAŞDEMİR A.
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), cilt.16, ss.8-13, 2021
(Hakemli Dergi)
- VII. Bazı Flokülasyon Parametrelerinin Etkinliğinin Kuvars Kullanılarak Araştırılması**
Taşdemir T., Taşdemir A.
El-Cezerî Journal of Science and Engineering, cilt.5, sa.3, ss.807-815, 2018 (Hakemli Dergi)
- VIII. Determination of Control Limits for Ash Content of Clean Coal Processed by Heavy Medium Drum**
TAŞDEMİR A.
The Online Journal of Science and Technology, cilt.7, sa.2, ss.41-50, 2017 (Hakemli Dergi)
- IX. Prediction of Ash Content for Coarse Coal Prepared with Heavy Medium Drum by ARIMA(1,0,1) Model**
TAŞDEMİR A.
The Online Journal of Science and Technology, cilt.7, sa.1, ss.87-94, 2017 (Hakemli Dergi)
- 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**
TAŞDEMİR T., TAŞDEMİR A., GEÇGEL Y.
TOJSAT-The Online Journal of Science and Technology, cilt.1, sa.3, ss.14-22, 2011 (Hakemli Dergi)
- XII. Çeneli Kırcıda Ufalanın 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 BAnlı Kromit Cevherinin Ufalama Öncesi Tane Boyut Analizi**
TAŞDEMİR A., BOZKURT R.
Dumlupınar Üniversitesi Fen Bilimleri Enstitüsü Dergisi, sa.14, ss.87-96, 2007 (Hakemli Dergi)
- XIV. Jameson Hücresinde Önemli Çalışma Parametrelerinin Hava Tutunumu ve Giren Hava Miktarına Etkileri**
TAŞDEMİR T., ÖTEYAKA B., TAŞDEMİR A.
Madencilik, cilt.45, sa.4, ss.11-18, 2006 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Merkezi Kompozit Tasarımı Kullanılarak Koagülasyon Flokülasyon Prosesiyle Atıksu Bulanıklığının Giderilmesi**
TAŞDEMİR A.
International Science and Academic Congress, INSAC'2018, Konya, Türkiye, 8 - 09 Aralık 2018, ss.40-51
- 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**
TORUN O., BAKSAN B., ÇELİKYÜREK İ., TAŞDEMİR A.
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**
ÇELİKYÜREK İ., BAKSAN B., TORUN O., TAŞDEMİR A.
2nd International Conference on Innovations in Natural Science and Engineering, Kiev, Ukrayna, 7 - 10 Eylül 2018, ss.42-46
- V. **Optimization of Resistance Spot Welding Conditions for Mild Steel by Response Surface Method**
TORUN O., BAKSAN B., TAŞDEMİR A., ÇELİKYÜREK İ.
2nd International Conference on Innovations in Natural Science and Engineering, Kiev, Ukrayna, 7 - 10 Eylül 2018, ss.178-184
- VI. **Effect of Cold work to Recrystallization Temperature and Grain Size of Cold Worked Pure Copper**
ÇELİKYÜREK İ., BAKSAN B., TORUN O., TAŞDEMİR A.
2nd International Conference on Innovations in Natural Science and Engineering, Kiev, Ukrayna, 7 - 10 Eylül 2018, ss.47-51
- VII. **Determination of Parameters Effecting Aging Heat Treatment of AA7075 Aluminum Alloy by Response Surface Method**
BAKSAN B., ÇELİKYÜREK İ., TAŞDEMİR A., TORUN O.
4th International Conference on Engineering and Natural Sciences ICENS 2018, kiev, Ukrayna, 2 - 06 Mayıs 2018, ss.980-987
- VIII. **Appication of Box-Behnken Experimental Design on Resistance Spot Welding of DKP Steel**
TORUN O., BAKSAN B., TAŞDEMİR A., ÇELİKYÜREK İ.
4th International Conference on Engineering and Natural Sciences ICENS 2018, kiev, Ukrayna, 2 - 06 Mayıs 2018, ss.348
- IX. **Central Composite Design for Wastewater Treatment by Floc-flocculation in Jameson Cell**
Taşdemir T., Taşdemir A.
4th International Conference on Engineering and Natural Science, Kyiv, Ukrayna, 2 - 06 Mayıs 2018, ss.349
- X. **Determination of Parameters Effecting Aging Heat Treatment of AA7075 Aluminum Alloy by Response Surface Method**
BAKSAN B., ÇELİKYÜREK İ., TAŞDEMİR A., TORUN O.
4th International Conference on Engineering and Natural Science, Kiev, Ukrayna, 2 - 06 Mayıs 2018, ss.381
- XI. **Normal dağılıma uymayan temiz kömür kısa analiz içeriklerinin normal dağılıma dönüştürülmesi**
TAŞDEMİR A., ATALAY D.
Türkiye 21. Uluslararası Kömür Kongresi, ICCET 2018, Zonguldak, Türkiye, 11 - 13 Nisan 2018, ss.355-365
- XII. **Applying the Normalisation Methods for the Coal Net Calorific Values Data and Their Comparison**
TAŞDEMİR A.
International Conference on Engineering and Natural Sciences, 3 - 07 Mayıs 2017, ss.550
- XIII. **Some Factors Affecting Flocculation Properties of Fine Quartz Particles**
TAŞDEMİR T., TAŞDEMİR A.
International Conference on Engineering and Natural Science, 3 - 07 Mayıs 2017, ss.414
- XIV. **Statistical Process Control of Ash Content for 10 0 5 mm Coal Product of Heavy Medium Cyclone**
TAŞDEMİR A.

- 3rd International Conference on Advanced Technology Sciences (ICAT16), 1 - 03 Eylül 2016, ss.1418-1423
- XV. **Prediction of Ash Content for Coarse Coal Prepared with Heavy Medium Drum by ARIMA(1,0,1) Model**
TAŞDEMİR A.
International Science and Technology Conference, ISTEC'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.
International Science and Technology Conference, ISTEC'2016, Viyana, Avusturya, 13 - 15 Temmuz 2016, ss.279-288
- XVII. **Ni-Al Alaşımlarının Borlanmasında Box-Behnken Deney Tasarımının Uygulanması**
TORUN O., TAŞDEMİR A., ÇELİKYÜREK 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**
TAŞDEMİR A., TAŞDEMİR T.
International Conference on Engineering and Natural Science, ICENS2015, Üsküp, Makedonya, 15 - 19 Mayıs 2015, cilt.446
- XX. **Application of ARIMA Residuals Chart for Spiral at A Coal Preparation Plant**
TAŞDEMİR A.
23rd International Mining CongressExhibition of Turkey, Antalya, Türkiye, 16 - 19 Nisan 2013, ss.1199-1209
- XXI. **Effect of Mixing Conditions on Flocculation**
TAŞDEMİR T., TAŞDEMİR A.
XIIIth International Mineral Processing Symposium, Bodrum, Türkiye, 10 - 12 Ekim 2012
- XXII. **Prediction of Chromite Concentrate Recovery in A Chromite Processing Plant by ARIMA Model of Time Series**
TAŞDEMİR A.
XIIIth International Mineral Processing Symposium, Bodrum, Türkiye, 10 - 12 Ekim 2012
- 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.
XIV Balkan Mineral Processing Congress, Tuzla, Bosna-Hersek, 14 - 16 Haziran 2011, ss.250-256
- 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**
TAŞDEMİR A., ÖZDAĞ H., ÖNAL G.
XIIth International Mineral Processing Symposium, Kapadokya, Türkiye, 6 - 08 Ekim 2010, ss.1015-1023
- XXX. Use of Different Image Analysis Size Definitions to Compare Sieve Size for Narrowly Sieved Quartz Particles**
TAŞDEMİR A., ÖZDAĞ H., ÖNAL G.
Processing of Industrial Minerals'xx10, İstanbul, Türkiye, 4 - 05 Ocak 2010
- XXXI. Comparison of Geometric Mean Sizes Obtained by Image Analysis and Sieving and Their Correlation**
TAŞDEMİR A., ÖZDAĞ H., ÖNAL G.
The Fourth Asizn Particle Technology Symposium (APT2009), Yeni Delhi, Hindistan, 14 - 16 Eylül 2009
- XXXII. The role of nozzle and downcomer diameter in Jameson Cell**
ÖTEYAKA B., BİLİR K., TAŞDEMİR T., GÜRSOY Y. H., TAŞDEMİR A., KASAP Y.
9th International Mineral Processing Symposium, 18 - 20 Eylül 2002, cilt.1, ss.138-140
- XXXIII. Characterization of Some Minerals using Image Analysis Technique**
TAŞDEMİR A., ÖNAL G., BOZKURT R.
VIII Balkan Mineral Processing Conference, Belgrade, Sırbistan, 13 - 19 Eylül 1999, ss.19-22
- XXXIV. Breakage Characterization of Pyrite by Image Analyzer**
BOZKURT R., TAŞDEMİR A., ÇELİK O. N.
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**
TAŞDEMİR A., ÖNAL G., BOZKURT R., DOĞAN Z.
XX International Mineral Processing Congress, Aachen, Almanya, 21 - 26 Eylül 1997, ss.131-139

Metrikler

Yayın: 60
Atıf (WoS): 131
Atıf (Scopus): 152
H-İndeks (WoS): 6
H-İndeks (Scopus): 7