

## **Assoc. Prof. TUBA TAŞDEMİR**

### **Personal Information**

**Web:** <https://avesis.ogu.edu.tr/tubat>

### **Education Information**

Doctorate, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Maden Mühendisliği Bölümü, Turkey 1998 - 2006

Postgraduate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Cevher Hazırlama (YI) (Tezli), Turkey 1995 - 1998

Undergraduate, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Maden Mühendisliği Bölümü, Turkey 1991 - 1995

### **Foreign Languages**

English, B2 Upper Intermediate

### **Dissertations**

Doctorate, Jameson Hücresinde Hold-up'ın Modellenmesi ve Bazı Çalışma Parametrelerinin Flotasyon Verimine Etkisi, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Maden Müh.Bölümü, 2006

### **Research Areas**

Size Reduction and Size Increasing of Solids, Refining and Purification, Benefication by Gravity, Dense-Medium, Magnetic and Electrostatic, Flotation and Flocculation, Dewatering, Chemical-Biological Winning Techniques and Mineral Processing

### **Academic Titles / Tasks**

Associate Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Maden Mühendisliği Bölümü, 2015 - Continues

Assistant Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Maden Mühendisliği Bölümü, 2008 - 2015

Research Assistant, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Maden Mühendisliği Bölümü, 1997 - 2008

### **Academic and Administrative Experience**

Farabi Coordinator, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Maden Müh.Bölümü, 2010 - 2020

## Advising Theses

TAŞDEMİR T., Hanönü Gökırmak Bakır Tesisi Temizleme ve Kaba Flotasyon Devrelerinde Jameson Hücresinin Uygulanması, Postgraduate, M.PEHLEVAN(Student), 2020

TAŞDEMİR T., Bor Endüstrisi Atıklarının Karakterizasyonu Ve Değerlendirilmesi, Postgraduate, G.ITAK(Student), 2020

Taşdemir T., Characterization of a copper flotation effluent and determination of optimum dewatering conditions, Postgraduate, B.AMARJARGAL(Student), 2020

TAŞDEMİR T., Flokülasyon ve flok-flotasyon yöntemleri ile doğaltaş atıksularının arıtılması, Postgraduate, H.KILIÇ(Student), 2012

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

- I. **DETERMINATION OF FLOCCULATION CHARACTERISTICS OF NATURAL STONE POWDER SUSPENSIONS IN THE PRESENCE OF DIFFERENT POLYMERS**  
Basaran H. K. , TAŞDEMİR T.  
PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.50, no.1, pp.169-184, 2014 (Journal Indexed in SCI)
- II. **Fine particle removal from natural stone processing effluent by flocculation**  
Tasdemir T., KURAMA H.  
ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, vol.32, no.2, pp.317-324, 2013 (Journal Indexed in SCI)
- III. **Gas entrainment rate and flow characterization in downcomer of a Jameson cell**  
TAŞDEMİR T., TAŞDEMİR A., Oteyaka B.  
PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.47, pp.61-78, 2011 (Journal Indexed in SCI)
- IV. **A Comparative Study on PSD Models for Chromite Ores Comminuted by Different Devices**  
TAŞDEMİR A., TAŞDEMİR T.  
PARTICLE & PARTICLE SYSTEMS CHARACTERIZATION, vol.26, pp.69-79, 2009 (Journal Indexed in SCI)
- V. **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, vol.20, no.15, pp.1331-1336, 2007 (Journal Indexed in SCI)
- VI. **Air entrainment rate and holdup in the Jameson cell**  
Tasdemir T., Oteyaka B., Tasdemir A.  
MINERALS ENGINEERING, vol.20, no.8, pp.761-765, 2007 (Journal Indexed in SCI)
- VII. **Removal of zinc cyanide from a leach solution by an anionic ion-exchange resin**  
Kurama H., Catalsarik T.  
Desalination, vol.129, no.1, pp.1-6, 2000 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- I. **Removal of Suspended Particles from Wastewater by Conventional Flotation and Floc-flotation**  
TAŞDEMİR T., KILIÇ BAŞARAN H.  
El-Cezeri Journal of Science and Engineering, vol.8, no.1, pp.421-431, 2021 (Refereed Journals of Other Institutions)
- II. **Floatability of suspended particles from wastewater of natural stone processing by floc-flotation in mechanical cell Mekanik flotasyon hücresinde flok-flotasyonu ile doğaltaş işleme atıksuyundan süspans tanelerin yüzdürülmesi**  
TAŞDEMİR T., Başaran H. K.  
El-Cezeri Journal of Science and Engineering, vol.7, no.2, pp.358-370, 2020 (Refereed Journals of Other Institutions)
- III. **Bazı Flokülasyon Parametrelerinin Kuvars Kullanılarak Araştırılması**  
TAŞDEMİR T., TAŞDEMİR A.  
El-Cezeri Journal of Science and Engineering, vol.5, no.3, pp.807-815, 2018 (Refereed Journals of Other Institutions)

Institutions)

- IV. **Bazı Flokülasyon Parametrelerinin Kuvars Kullanılarak Araştırılması**  
TAŞDEMİR T., TAŞDEMİR A.  
El-Çezeri Journal of Science and Engineering, vol.5, no.3, pp.807-815, 2018 (Other Refereed National Journals)
- V. **Determination of the Effects of Operating Parameters on the Residual Turbidity of Quartz Suspensions by Design of Experiments**  
TAŞDEMİR A., TAŞDEMİR T.  
European Journal of Engineering and Natural Sciences, vol.1, no.1, pp.23-32, 2016 (Other Refereed National Journals)
- VI. **Removal of Fine Particles from Wastewater Using Induced Air Flotation**  
TAŞDEMİR T., TAŞDEMİR A., GEÇGEL Y.  
TOJSAT-The Online Journal of Science and Technology,, vol.1, no.3, pp.14-22, 2011 (Refereed Journals of Other Institutions)
- VII. **Flokülasyon Yöntemi ile Atıksudan Askıda Tanelerin Giderimi**  
TAŞDEMİR T., ERDEM V.  
Eskişehir Osmangazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, vol.23, no.1, pp.109-121, 2010 (Other Refereed National Journals)
- VIII. **Jameson Flotasyon Hücresinde Önemli Çalışma Parametrelerinin Hava Tutunumu ve Giren Hava Miktarlarına Etkileri**  
TAŞDEMİR T., ÖTEYAKA B., TAŞDEMİR A.  
Madencilik, vol.45, no.4, pp.11-18, 2006 (Other Refereed National Journals)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Central Composite Design for Wastewater Treatment by Floc-flocculation in Jameson Cell**  
TAŞDEMİR T., TAŞDEMİR A.  
4th International Conference on Engineering and Natural Science, Kiev, Ukraine, 2 - 06 May 2018, pp.349
- II. **Some Factors Affecting Flocculation Properties of Fine Quartz Particles**  
TAŞDEMİR T., TAŞDEMİR A.  
International Conference on Engineering and Natural Science, 3 - 07 May 2017, pp.414
- III. **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, Macedonia, 15 - 19 May 2015, vol.446
- IV. **Effect of Mixing Conditions on Flocculation**  
TAŞDEMİR T., TAŞDEMİR A.  
XIIIth International Mineral Processing Symposium, Bodrum, Turkey, 10 - 12 October 2012
- V. **Usage of Box-Behnken Experimental Design for the Flocculation of Quartz Suspensions**  
TAŞDEMİR A., TAŞDEMİR T., KILIÇ H.  
XIV Balkan Mineral Processing Congress, Tuzla, Bosnia And Herzegovina, 14 - 16 June 2011, pp.250-256
- VI. **Mermer İşleme Tesisi Atık Sularına Flokülasyon ve Koagülasyon Yöntemlerinin Uygulanması**  
TAŞDEMİR T., TAŞDEMİR A.  
4. Madencilik ve Çevre Sempozyumu, İzmir, Turkey, 2 - 03 June 2011, pp.293-299
- VII. **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, Turkey, 11 - 13 May 2011, pp.309-315
- VIII. **Removal of Fine Particles from Wastewater Using Induced Air Flotation**  
TAŞDEMİR T., TAŞDEMİR A., GEÇGEL Y.

International Science and Technology Conference, Magosa, Cyprus (Kktc), 27 - 29 October 2010, pp.606-612

**IX. Jameson Flotasyon Hücresinin Atıksu Arıtımında Kullanımı**

TAŞDEMİR T.

3. Madencilik ve Çevre Sempozyumu, Turkey, 11 June - 12 September 2009, pp.201-205

**X. The Role of Nozzle and Downcomer Diameter in Jameson Cell**

ÖTEYAKA B., BİLİR K., TAŞDEMİR T., GÜRSOY Y. H. , TAŞDEMİR A., KASAP Y.

IXth International Mineral Processing Symposium, Kapadokya, Turkey, 18 - 20 September 2002, pp.138-139

**XI. 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 September 2002, vol.1, pp.138-140

**XII. The Recovery of Zinc and Cyanide from Recycled Water by Using Acidification-Filtration-Reneutralization (AFR) Process**

TAŞDEMİR T., KURAMA H.

7th International Mineral Processing Symposium, 15 - 17 September 1998, pp.843-847

## Supported Projects

Taşdemir T., Bulut F., Tatar İ., TUBITAK Project, Kaolin-Bor atığı karışımının kalsinasyonu sonucu mullit bazlı şamot üretimi ve seramikte kullanılabilirliği, 2016 - 2017

Taşdemir T., Project Supported by Higher Education Institutions, Atıksulardaki Askıda İnce Tanelerin Uzaklaştırılmasında Jameson Flotasyon Hücresinin Uygulanması, 2008 - 2012

## Citations

Total Citations (WOS):78

h-index (WOS):6