



Asst. Prof. Kudret Tahsin Perek



Personal Information

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International Researcher IDs

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Education Information

1996 - 2003	Doctorate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Maden Mühendisliği (Dr), Turkey
1993 - 1996	Postgraduate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Cevher Hazırlama Mühendisliği (YI) (Tezli), Turkey
1985 - 1990	Undergraduate, İstanbul Technical University, Maden Fakültesi, Maden Mühendisliği Bölümü, Turkey

Foreign Languages

English, C1 Advanced

Dissertations

2003	Küre masif zengin bakır cevherinin basınc altında çözündürülmesi, İstanbul Technical University, Fen Bilimleri Enstitüsü, Doctorate
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Research Areas

Engineering and Technology

Academic Titles / Tasks

2018 - Continues	Assistant Professor, İstanbul Technical University, Maden, Cevher Hazırlama Mühendisliği
2012 - 2018	Assistant Professor, İstanbul Technical University, Maden, Cevher Hazırlama Mühendisliği
2007 - 2012	Research Assistant, İstanbul Technical University, Maden, Maden Mühendisliği
1992 - 2007	Research Assistant, İstanbul Technical University, Maden, Maden Mühendisliği

Academic and Administrative Experience

2018 - Continues	Deputy Head of Department, İstanbul Technical University, Maden, Cevher Hazırlama Mühendisliği
2012 - 2016	Vice Dean, İstanbul Teknik Üniversitesi, Maden Fakültesi

Courses

2020 - 2021, 2019 -	
2020, 2018 - 2019,	Management and Economy in Mineral Processing Plants, Undergraduate
2017 - 2018	
2021 - 2022, 2020 -	
2021, 2019 - 2020,	
2018 - 2019, 2017 -	
2018, 2016 - 2017,	Cevher Haz. Tesis Otomasyonu, Undergraduate
2015 - 2016, 2014 -	
2015, 2013 - 2014,	
2012 - 2013, 2011 -	
2012	
2020 - 2021, 2019 -	Cevher Hazırlamada İş Güvenliği, Undergraduate
2020	

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Effect of crushing type on the efficiency of flowing film separation
Sirkeci A. A., Gül A., Bulut G., Ozer M., Guven O., Perek K. T.
PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, vol.54, no.2, pp.601-608, 2018 (SCI-Expanded)
- II. Effect of Mechanical Activation on Pressure Leaching of Kure Massive Rich Copper Ore
Perek K. T., Arslan F.
MINERAL PROCESSING AND EXTRACTIVE METALLURGY REVIEW, vol.31, no.4, pp.191-200, 2010 (SCI-Expanded)
- III. Flotation of Aladag oxide lead-zinc ores
Onal G., Bulut G., Gul A., Kangal O., Perek K. T., Arslan F.
MINERALS ENGINEERING, vol.18, no.2, pp.279-282, 2005 (SCI-Expanded)
- IV. Studies on leaching of massive rich copper ore in acidic ferric sulfate solutions
Arslan F., BULUT G., KANGAL M. O., PEREK K. T., GUL A., Gurmen S.
SCANDINAVIAN JOURNAL OF METALLURGY, vol.33, no.1, pp.6-14, 2004 (SCI-Expanded)
- V. Reduction of ash and sulfur contents of low-rank Turkish semicoked lignite by high intensity dry magnetic separation
Atesok G., Perek K. T., Dincer H., ÇELİK M. S.
Coal Preparation, vol.20, no.3, pp.179-190, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. Basınçlı liç ile Küre masif zengin bakır cevherinden metalik değerlerin kazanımı
PEREK K. T., ARSLAN F.
İTÜDERGİSi/d, vol.2, no.3, pp.65-72, 2003 (Peer-Reviewed Journal)

Books & Book Chapters

- I. Mineral Prosessing Handbook
Önal G. (Editor), Atşok G. (Editor), Perek K. T. (Editor)
Yurt Madenciliğini Geliştirme Vakfı, İstanbul, 2014

Refereed Congress / Symposium Publications in Proceedings

- I. **RECYCLING OF OLD MOBILE PHONES**
ARSLAN F., Çuhadar İ. E., PEREK K. T., ARSLAN C.
International Mineral Processing Conference Eurasia 2019, Antalya, Turkey, 31 October - 02 November 2019,
pp.747-756
- II. **Effect of Grinding Time on Particle Shape in Barite/SDS Flotation System**
Türk T., PEREK K. T., KARAKAŞ F., ÇELİK M. S.
XVI International Mineral Processing Symposium, 23 - 25 October 2018
- III. **Recovery of metals from end-of-life mobile phones by acidic leaching**
ARSLAN F., ÇUHADAR İ. E., PEREK K. T., ARSLAN C.
16th International Mineral Processing Symposium, 23 - 25 October 2018, pp.499-504
- IV. **Studies on Recovery of Metals from Electronic and Electrical Wastes by Physical Separation Methods**
ARSLAN F., ARSLAN C., BURAT F., özer m., PEREK K. T.
XVII. Balkan Mineral Processing Congress, 1 - 03 November 2017, pp.161-171
- V. **Determination of Coal Preparation Performance with Usage of Tracers in Multicell Jig**
Büke A., PEREK K. T., BOYLU F.
International energy Raw Materials and Energy summit, İstanbul, Turkey, 27 - 30 September 2017
- VI. **Effect of Physicochemical Heterogeneity on Floatability of Minerals**
ÇELİK M. S., karaağaçlı E., PEREK K. T.
3rd International Symp on Mineral Industry and Environment, 11 - 13 October 2017
- VII. **Selective Precipitation of Iron From Zinc Bearing Leach Liquor**
BENLİ B., PEREK K. T., ARSLAN F.
XVth International Mineral Processing Symposium, İstanbul, Turkey, 19 - 21 October 2016
- VIII. **Material Recovery from End of Life Mobile Phones**
Altun A., Perek K. T., Burat F., Arslan F.
XV Balkan Mineral Processing Congress, Sozopol, Bulgaria, 12 - 16 June 2013, pp.1105-1108
- IX. **Recovery of zinc from lead-zinc flotation tailings by leaching and precipitation**
Perek K. T., Benli B., Arslan F.
Balkan Mineral Processing Congress, Tuzla, Bosnia And Herzegovina, 14 - 16 June 2011, pp.1-5
- X. **Effect of shape factor on coal flotation**
GÜVEN O., BULUT G., PEREK K. T.
27th Annual International Pittsburgh Coal Conference 2010, PCC 2010, İstanbul, Turkey, 10 - 12 October 2010,
vol.3, pp.1914-1920
- XI. **Beneficiation of laterite ore from Kayseri by leaching**
Perek K. T., Burat F., Acarkan N., ATESOK G.
11th International Mineral Processing Symposium, Antalya, Turkey, 21 - 23 October 2008, pp.561-565
- XII. **Oksitli Kurşun-Çinko Cevherinin Flotasyon ile Zenginleştirilmesi**
Kangal M. O., Bulut G., Gül A., Perek K. T., Arslan F.
Türkiye Kurşun-Çinko Yataklarının Jeolojisi, Madenciliği ve Mevcut Sorunları Sempozyumu, İstanbul, Turkey, 14 -
16 January 2008, pp.380-388
- XIII. **Dissolution of lateritic nickel ore in acidic media**
Arslan F., Özer Ö., Perek K. T., Gürkan V., Önal G.
23rd International Mineral Processing Congress, IMPC 2006, İstanbul, Turkey, 3 - 08 September 2006, pp.1500-
1504
- XIV. **Sulphur and ash removal and valuable metals beneficiation from asphaltite**
Yüce A. E., Perek K. T., Acarkan N., Gürkan V., Önal G.
23rd International Mineral Processing Congress, IMPC 2006, İstanbul, Turkey, 3 - 08 September 2006, pp.1199-
1203
- XV. **Flotation of iron ore processing plant tailings**
Sirkeci A. A., Gül A., Bulut G., Perek K. T., Özer M., Burat F., Arslan F., Önal G.
23rd International Mineral Processing Congress, IMPC 2006, İstanbul, Turkey, 3 - 08 September 2006, pp.2225-
2229

- XVI. **Evaluation of lead-zinc flotation tailings**
 Arslan F., Aykac Y., Perek K. T., Onal G.
 Sohn International Symposium on Advanced Processing of Metals and Materials, California, United States Of America, 27 - 31 August 2006, pp.387-388
- XVII. **Acidic leaching of Turkish lateritic nickel ore**
 Arslan F., Perek K. T., Onal G.
 Sohn International Symposium on Advanced Processing of Metals and Materials, California, United States Of America, 27 - 31 August 2006, pp.339-340
- XVIII. **Recovery of Metallic Values from a Massive Rich Copper Ore**
 Bulut G., Kangal M. O., Gül A., Perek K. T., Arslan F.
 IXth Balkan Mineral Processing Congress, İstanbul, Turkey, 11 - 13 September 2001, pp.531-536
- XIX. **A Comparative Study on Ferric Chloride and Ferric Sulphate Leaching of Sulphidic Copper Ores**
 Bulut G., Kangal M. O., Perek K. T., Yasan İ., Arslan F.
 VI Southern Hemisphere Meeting on Minerals Technology, Rio De Janerio, Brazil, 27 - 31 May 2001, pp.348-352
- XX. **Pilot Scale Calcination of Hekimhan-Deveci Siderite Ore and Its Usage**
 Ateşok G., Emrullahoglu F., Ateşok H., Gül A., Sirkeci A. A., Perek K. T., Kangal M. O., Boylu F., Girgin Ş.
 VIII. Balkan Mineral Processing Conference, Belgrade, Serbia And Montenegro, 13 - 18 September 1999, pp.419-426
- XXI. **BENEFICIATION OF ETIBANK HALIKOY ANTIMONITE ORES BY FLOTATION AND REMOVAL OF ARSENOPYRITE**
 KURŞUN İ., ARSLAN F., PEREK K. T., GÜRKAN V.
 5th International Mineral Processing Symposium, Nevşehir, Turkey, 6 - 08 September 1994, pp.161-166

Supported Projects

2011 - 2018	Kurşun Çinko Flotasyon Arıtlarında liç ve çöktürme yolu çinkonun kazanımı, Project Supported by Higher Education Institutions
2008 - 2018	Bakır Curuflarının Hidrometalanjik Yöntemle Zenginleştirilmesi, Project Supported by Higher Education Institutions
2007 - 2018	Demir Konsantrelerinin Peletlenmesinde Bor Mineralleri İlavesinin Etkisi, Project Supported by Higher Education Institutions

Metrics

- Publication: 39
 Citation (WoS): 96
 Citation (Scopus): 124
 H-Index (WoS): 4
 H-Index (Scopus): 4

Non Academic Experience

2001 - 2002 TU-Clausthal, Institute für Aufbereitung und Deponietechnik