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International Researcher IDs

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Education Information

Doctorate, Columbia University, Graduate School Of Arts And Sciences, United States Of America 1987 - 1991

Postgraduate, Columbia University, Graduate School Of Arts And Sciences, United States Of America 1985 - 1987

Postgraduate, Istanbul Technical University, Metalurji Fakültesi, Turkey 1982 - 1983

Undergraduate, Istanbul Technical University, Metalurji Fakültesi, Turkey 1977 - 1982

Research Areas

Engineering and Technology

Academic and Administrative Experience

İstanbul Teknik Üniversitesi, Maden Fakültesi, Cevher Hazırlama Mühendisliği Bölümü, 2008 - 2011

Refereed Congress / Symposium Publications in Proceedings

- I. **Selective Heavy Metal Ion Retention From Aqueous Solution by Polymer Supported Membrane System Cd-Ni Case, 6th MEMTEK International Symposium on Membrane Technologies and Applications (MEMTEK 2019)**
CAN M. F., ARSLAN F.
6th MEMTEK International Symposium on Membrane Technologies and Applications (MEMTEK 2019), İstanbul, Turkey, 18 - 20 November 2019, pp.171-178
- II. **Selective Heavy Metal Ion Retention from Aqueous Solution by Polymer Supported Membrane System Cd-Ni Case**
CAN M. F., ARSLAN F.
6th MEMTEK International Symposiumon Membrane Technologies and Applications, İstanbul, Turkey, 18 - 20 November 2019, pp.171-178
- III. **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

- IV. Solvent Extraction of Copper from Iron Bearing Sulfate Solutions**
Özkan B., TANISALI E., ARSLAN F.
International Mineral Processing Conference Eurasia 2019, Antalya, Turkey, 31 October - 02 November 2019,
pp.615-622
- V. A PROCESS FLOWSHEET DEVELOPMENT FOR THE TREATMENT OF DİVRİĞİ IRON ORE CONCENTRATION PLANT TAILINGS**
ARSLAN F., önal g.
International Mineral Processing Conference Eurasia 2019, Antalya, Turkey, 31 October - 02 November 2019,
pp.931-936
- VI. RECOVERY OF NICKEL FROM LATERITE LEACH SOLUTION BY ION EXCHANGE RESIN**
YILMAZ E., ARSLAN C., ARSLAN F.
International Mineral Processing Conference Eurasia 2019, IMPC-EURASIA 2019, Antalya, Turkey, 31 October - 02 November 2019, pp.607-614
- VII. HİDROMETALURJİ TESİSLERİ VE YENİLİKLER**
ARSLAN F., ARSLAN C.
Cevher ve Kömür Hazırlama Tesislerinde Yenilikler, Denetim ve Maliyet Kontrolü- EĞİTİM SEMİNERİ, İstanbul, Turkey, 25 - 26 June 2019
- VIII. SOLVENT EXTRACTION OF COPPER FROM ACIDIC SOLUTIONS BY LIX 84-I**
TANISALI E., ARSLAN F.
XVIIITH BALKAN MINERAL PROCESSING CONGRESS (BMPC 2019), Durres, Albania, 23 - 26 May 2019, pp.229-237
- IX. RECOVERY OF NICKEL FROM LOW CONCENTRATED SOLUTIONS VIA CHELATING ION EXCHANGE RESIN**
YILMAZ E., SEZER R., Ertürk S., ARSLAN C., ARSLAN F.
XVIIITH BALKAN MINERAL PROCESSING CONGRESS (BMPC 2019), Durres, Albania, 23 - 26 May 2019, pp.215-222
- X. 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
- XI. DENTAL AMALGAM WASTES: PROPERTIES, ENVIRONMENTAL EFFECTS AND RECYCLING PROCESSES**
YILMAZ E., ertürk s., ARSLAN F., ARSLAN C.
XVII. Balkan Mineral Processing Congress 2017, Antalya, Turkey, 1 - 03 November 2017, pp.187-195
- XII. 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
- XIII. Proposal Of Washing Plant Flowsheet For Bursa-Keles Lignite**
Özer M., Boylu F., Pural Y. E., Arslan F., Önal G.
II. Uluslararası Enerji Hammaddeleri ve Enerji Zirve ve Sergisi (İNERMA'17), İstanbul, Turkey, 27 - 30 September 2017, pp.121-129
- XIV. 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
- XV. Extraction of Nickel from Iron and Cobalt Bearing Sulfate Solutions by Solvent Extraction**
Güven Z., YENİAL Ü., BENLİ B., ARSLAN F.
SWEMP 2016-16th International Symposium On Environmental Issues and Waste Management in Energy and Mineral Production, İstanbul, Turkey, 5 - 07 October 2016
- XVI. Pre-concentration of Precious Metals from Waste Printed Circuit Boards (PCBs)**
Burat F., OZER M. S., Arslan F.
Water, Waste and Energy Management, Roma, Italy, 18 - 20 July 2016, pp.1-2
- XVII. Elektronik Atık Kapsamındaki Baskı Devre Kartlarının Karakterizasyonu**
Burat F., OZER M. S., Arslan F.
8. Ulusal Katı Yönetimi Kongresi, Kastamonu, Turkey, 11 May 0206 - 14 May 2016, pp.1-2
- XVIII. A mineralogical approach on refractory gold ore processing**

- BENLİ B., Özsoy Y., ÇİFTÇİ E., ARSLAN F.
12th International Congress for Applied Mineralogy, 10 - 12 August 2015
- XIX. **Recovery of metals from electronic and electrical waste**
ARSLAN F.
XVI Balkan Mineral Processing Congress, 17 - 19 June 2015
- XX. **Effect of Acid Treatments on Refractory Gold Ore Prior to Conventional Gold Recovery**
BENLİ B., Özsoy Y., ARSLAN F.
Proceedings of XVI Balkan Mineral Processing Congress, 17 - 19 June 2015
- XXI. **Application of Biooxidation prior to Cyanidation Case Study Turkish Sufidic Gold Bearing Ores**
özsoy y., BENLİ B., ÇİFTÇİ E., ARSLAN F.
Proceedings of XVI Balkan Mineral Processing Congress, 17 - 19 June 2015
- XXII. **Converting Waste to Energy**
BENLİ B., BURAT F., ARSLAN F.
INERMA, International Energy Raw Materials & Energy Summit, 1 - 03 November 2015
- XXIII. **Recovery of Silver and Copper from Dental Amalgam Wastes via Hydrometallurgical Processes**
Yılmaz E., Ertürk S., Arslan F., Arslan C.
TMS 144th Annual Meeting and Exhibition, Orlando, United States Of America, 15 - 19 March 2015
- XXIV. **Recovery of Silver from Dental Amalgam Wastes via Hydrometallurgical Processes**
Yılmaz E., Ertürk S., Arslan F., Arslan C.
14th International Mineral Processing Symposium and Exhibition, Aydin, Turkey, 15 - 17 October 2014
- XXV. **Solvent Extraction Of Zinc From Iron Bearing Zinc Sulfate Solution**
Gültaş O., YENİAL Ü., BENLİ B., ARSLAN F.
14. Mineral Pocessing Symposium, 15 - 17 October 2014
- XXVI. **Characterization Of Printed Circuit Main Boards Prior To Separation Of Precious Metals**
Burat F., OZER M. S., Arslan F.
Industrial Hazardous Waste management Congress, Girit, Greece, 2 - 06 September 2014, pp.1-2
- XXVII. **Evaluation and recycling of scrap tires**
OZER M. S., Burat F., Kalebek B., Arslan F.
ICWEE'13, Aydin, Turkey, 21 - 24 September 2013, pp.1-2
- XXVIII. **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
- XXIX. **Recycling of metals and plastics from printed circuit boards (PCB) by physical separation methods**
Baskı{dotless} devre kartları{dotless}ndan fiziksel zenginleştirme yöntemleriyle metal ve plastik geri dönüşümü
Yıldız M., Perek K. T., Arslan F.
23rd International Mining Congress and Exhibition of Turkey, IMCET 2013, Antalya, Turkey, 16 - 19 April 2013,
vol.1, pp.715-722
- XXX. **Recovery of Copper and Plastics from Waste Electrical Cables**
Çelik C., Kökkiliç O., Eke K., Kangal M. O., Arslan C., Arslan F.
XIII International Mineral Processing Symposium, Muğla, Turkey, 10 - 12 October 2012, pp.259-266
- XXXI. **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
- XXXII. **Concentration of Phosphate Ore by Flotation with/without Desliming**
Güven O., Bulut G., Kangal M. O., Durmaz N., Arslan F.
25th International Mineral Processing Congress (IMPC) 2010, Brisbane, Australia, 6 - 10 September 2010,
pp.1911-1916
- XXXIII. **Flotation of Çadırkaya sulphide lead-zinc ore**
SIRKECI A. A., Gül A., Burat F., Arslan F., ONAL G.
11th International Mineral Processing Symposium, Antalya, Turkey, 21 - 23 October 2008, pp.377-382

- XXXIV. **Evaluation of Orhaneli-Turkey chromite concentration plant tailings**
Acarkan N., Arslan F., Gül A., Alpyıldız S., Burat F., GÜRKAN V., ONAL G.
11th International Mineral Processing Symposium, Antalya, Turkey, 21 - 23 October 2008, pp.1027-1033
- XXXV. **Development of a process flowsheet for nickel recovery from the chromite plant tailings**
ONAL G., Acarkan N., Arslan F., Açıma E., Gül A., Gürkan V., Burat F., Alpyıldız S.
XXIV International Mineral Processing Congress, Pekin, China, 24 - 28 September 2008, pp.2570-2575
- XXXVI. **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
- XXXVII. **Nickel and chromite recovery from Turkish chromite ore**
ONAL G., Arslan F., SIRKECI A. A., Gül A., YUCE A. E., Burat F., Alpyıldız S.
VII meeting of the southern hemisphere on mineral technology, Ouro Preto, Brazil, 20 - 24 November 2007, pp.173-178
- XXXVIII. **Recovery of chromite and nickel from Aladağ (Adana) region chromite ore**
Arslan F., SIRKECI A. A., Gül A., YUCE A. E., Burat F., Alpyıldız S., ONAL G.
XII Balkan Mineral Processing Congress, Atina, Greece, 9 - 12 June 2007, pp.367-371
- XXXIX. **Flotation of iron ore processing plant tailings**
Sirkeci A. A., Gül A., Bulut G., Perek K. T., Özer M., Burat F., Arslan F., Önäl G.
23rd International Mineral Processing Congress, IMPC 2006, İstanbul, Turkey, 3 - 08 September 2006, pp.2225-2229
- XL. **Dissolution of lateritic nickel ore in acidic media**
Arslan F., Özer Ö., Perek K. T., Gürkan V., Önäl G.
23rd International Mineral Processing Congress, IMPC 2006, İstanbul, Turkey, 3 - 08 September 2006, pp.1500-1504
- XLI. **Evaluation of Copper Refining Furnace Dusts**
Arslan F., Giray Ç., Öztürk A., Kangal M. O., Orhan G., Arslan C.
XXIII International Mineral Processing Congress IMPC 2006, İstanbul, Turkey, 3 - 08 September 2006, vol.2, pp.1505-1510
- XLII. **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
- XLIII. **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
- XLIV. **Recovery of nickel and chromite from chromite tailings**
ONAL G., Arslan F., YUCE A. E., Burat F., Alpyıldız S.
Proceedings of the International seminar on Mineral Processing Technology, Mumbai, India, 22 - 24 February 2006, pp.28-33
- XLV. **Nickel recovery from chromite concentration plant tailings**
ONAL G., Arslan F., YUCE A. E., Burat F., Alpyıldız S.
Conference in Mineral Processing, Lulea, Sweden, 6 - 07 February 2006, pp.185-194
- XLVI. **Recovery of Metal Values From Copper Refining Dust**
Giray Ç., Kangal M. O., Arslan F.
12. Uluslararası Metalurji ve Malzeme Kongresi, İstanbul, Turkey, 28 September - 02 October 2005, pp.12
- XLVII. **A Novel Process to Recover Oxide Lead-Zinc Ores**
ÖNAL G., Gül A., Bulut G., Perek K. T., Kangal M. O., Arslan F.
International Seminar on Mineral Processing Technology (MPT-2005), Dhanbad, India, 6 - 08 January 2005, pp.3-9
- XLVIII. **Gravity Concentration and Flotation Studies on Oxide Lead-Zinc Ores**

- Gül A., Bulut G., Kangal M. O., Arslan F., ÖNAL G.
Xth International Mineral Processing Symposium, İzmir, Turkey, 5 - 07 October 2004, pp.205-212
- XLIX. Current Status of women in Geosciences: A case study from Turkey**
Okay N., Güney E. A., Ünal Y., Arslan F.
32nd Int'l Geological Congress, Florence, Italy, 09 June 2004, vol.226, no.6, pp.1030
- L. Sedimentation of clays prior to ceramic production**
Özer M., Arslan F., Önal G.
Proceedings of the 8th Conference and Exhibition of the European Ceramic Society, İstanbul, Turkey, 29 June - 03 July 2003, pp.1439-1442
- LI. 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
- LII. Effect of Ultrasonic Treatment on the Sedimentation of Clays**
Özer M., Kangal M. O., Benkli Y. E., Arslan F., ÖNAL G.
IXth Balkan Mineral Processing Congress, İstanbul, Turkey, 11 - 13 September 2001, pp.63-68
- LIII. Cupric Chloride Leaching of Sulphidic Copper Ores**
Kangal M. O., Bulut G., Gül A., Özaksoy G., Arslan F.
VI Southern Hemisphere Meeting on Minerals Technology, Rio De Janerio, Brazil, 27 - 31 May 2001, pp.445-450
- LIV. 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
- LV. Sulphuric Acid Leaching of Manganese Carbonate Ores and its Kinetics**
Arslan C., Arslan F., Demir A.
10th International Metallurgical and Materials Congress, İstanbul, Turkey, 24 - 28 May 2000
- LVI. Acidic Leaching of Denizli-Tavas Region Manganese Ores**
Arslan C., Arslan F., Demir A.
8th Balkan Mineral Processing Congress BMPC, Belgrad, Serbia And Montenegro, 14 - 18 September 1999, vol.1, pp.345-351
- LVII. Adana - Karsanti Bölgesi Düşük Tenörlü Kromit Cevherlerinin Değerlendirilmesi**
GÜL A., YÜCE A. E., GÜNEY A., gürkan v., ARSLAN F., önal g.
Türkiye 14. Madencilik Kongresi, Ankara, Turkey, 6 - 09 June 1995, pp.419-424
- LVIII. 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
- LIX. Effect of Corrosion on Strength of Eutectoid Steel-Metallurgical Investigation of Wires from the Cables of the Williamsburg Bridge in New York**
Beshers D., Duby P. F., Arslan C., Arslan F., Cukrowski L., Lim B., Perpich J.
8th International Conference on Strength of Metals and Alloys, Tampere, Finland, 21 - 26 August 1988

Supported Projects

- Arslan F., Project Supported by Higher Education Institutions, ELEKTRİK ARK FIRINI BACA TOZLARININ FİZİKSEL ZENGİNLEŞTİRME YÖNTEMLERİYLE DEĞERLENDİRİLMESİ, 2009 - 2018
- Arslan F., Project Supported by Higher Education Institutions, Lateritic Nikel Cevherinin Asidik Liçi, 2006 - 2018
- Arslan F., Project Supported by Higher Education Institutions, Pülte Reçine (RIP) Yöntemiyle Lateritik Cevherden Nikel Kazanımı, 2008 - 2009
- Arslan F., Project Supported by Higher Education Institutions, Demir konsantrelerinin peletlenmesinde bağlayıcı olarak bor mineralleri ve atıklarının kullanılması, 2005 - 2008
- Arslan F., Project Supported by Higher Education Institutions, Pb-Zn Cevherinin Zenginleştirme Artıklarından Çinkonun

Hidrometalurjik Yöntemlerle Kazanılması, 2005 - 2008

Arslan F., Project Supported by Higher Education Institutions, Demir Konstantrelerinin Paletlenmesinde Çeşitli Katkı Maddelerinin Kullanımı, 2006 - 2007

Arslan F., Project Supported by Higher Education Institutions, Polimer Destekli Ultrafiltrasyon Sistemiyle AtıkSulardan Metallerin Seçimli Olarak Kazanılması, 2003 - 2005

Arslan F., Project Supported by Higher Education Institutions, Bakır Rafinasyon Firması Baca Tozlarından Hidrometalurjik Yöntemlerle Metalik Değerlerin Kazanımı, 2002 - 2005

Arslan F., Project Supported by Higher Education Institutions, Sülfürlü Bakır Minerallerinin Basınç Altında Çözündürülme Koşulları ve Çözünme Kinetигine Etkisi, 2000 - 2005

Arslan F., Project Supported by Higher Education Institutions, Küre Bakırı Pirit Cevherlerinin Flotasyon Araürünlerinin Kimyasal Zenginleştirme Yöntemleriyle D., 1999 - 2005

Arslan F., Project Supported by Higher Education Institutions, Murgul Sülfürlü Minerallerinden Nadir Metallerin Kazanılma Olanaklarının Araştırılması, 1994 - 2005

Arslan F., Project Supported by Higher Education Institutions, Altın ve Gümüş İçeren Cevherlerin Tüyosulfat İle Çözündürmesi, 1999 - 2000

Metrics

Publication: 93

Citation (WoS): 207

Citation (Scopus): 290

H-Index (WoS): 5

H-Index (Scopus): 5

Non Academic Experience

İstanbul Teknik Üniversitesi

Columbia University

İstanbul Teknik Üniversitesi

İstanbul Teknik Üniversitesi