

CURRICULUM VITAE

Ersin Y. Yazıcı (A/Prof. Dr.)

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Gender: Male Birthdate: 1979 Nationality: Turkish

Education and Degrees

2012	PhD in Div. of Mineral&Coal Proces., Dept. of Mining Eng., Karadeniz Technical Univ., Turkey
2005	MSc in Div. of Mineral&Coal Proces., Dept. of Mining Eng., Karadeniz Technical Univ., Turkey
2002	BSc, Dept. of Mining Eng., Karadeniz Technical University, Turkey
1990-1997	Gazi Anatolian High School, Ankara, Turkey (English medium school)

Theses

PhD, 2012	Recovery of Metals from E-wastes by Physical and Hydrometallurgical Processes
MSc, 2005	Removal of Cyanide from Wastewaters using Hydrogen Peroxide, Activated Carbon Adsorption and Ultrasonic Waves
BSc, 2002	Extraction of Gold by Cyanide and Thiourea Leaching from Kaletaş and Mastra Ores (Gümüşhane)

Professional Experience

2013-present	Assist. Prof. Dr., Div. of Mineral & Coal Processing, Dept. of Mining Engineering, Karadeniz Technical University, Trabzon, Turkey
2002-2011	Research Assistant, Div. of Mineral & Coal Processing, Dept. of Mining Engineering, Karadeniz Technical University, Trabzon, Turkey

Research Interests

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- Hydrometallurgy of Base and Precious Metals; Leaching, Solution Purification
 - Leaching of gold/silver ores in cyanide, thiosulphate, thiourea solutions
 - Treatment of refractory gold/silver ores
 - Ultra-fine grinding of refractory gold/silver ores
 - Recycling/Recovery of Metals from Industrial and Metallurgical Wastes
 - Treatment of Cyanide Effluents; Adsorption, Chemical Oxidation, Precipitation
 - Recycling of E-waste (WEEE); Recovery of metals by physical and hydrometallurgical processes
 - Recovery of Silver from Photographic Wastes (films, effluents); Leaching, Precipitation, Cementation

Research Projects

- Biotechnological Approach For Recovery Of Rare Earth Elements And Precious Metals From E-Waste – (BIOREEs), **Researcher**, IntenC Turkish-German Bilateral Project, The Scientific and Technological Research Council of Turkey (TUBITAK 113Y011) (2014-2016)
- Silver recovery by thiosulphate and ultra-fine grinding from refractory ores and plant tailings, **Researcher**, The Scientific and Technological Research Council of Turkey (TUBITAK) (2013-2015)
- Silver recovery by cyanidation after ultra-fine grinding from refractory silver ores, **Researcher**, Research Foundation of KTU, Turkey, 2013-2015
- Recycling and Recovery of Metals from Electronic Wastes using Physical Separation and Hydrometallurgical Processes (No:109M111), **Researcher**, The Scientific and Technological Research Council of Turkey (TUBITAK), 2009-2012 (30 months)
- Recovery of Metals from Waste Printed Circuit Boards (No:889), **Researcher**, Research Foundation of KTU, Turkey, 2010-2013 (36 months)
- Recovery of Copper from Scrap TV Boards by Bio/hydrometallurgical Methods Printed Circuit Boards (No:8647), **Researcher**, Research Foundation of KTU, Turkey, 2012-2015 (36 months)
- Recovery of Silver from Photographic Wastes (2006.112.008.1), **Researcher**, Research Foundation of KTU, Turkey, 2007-2010 (36 months)
- Recovery of rutile and ilmenite from Sakarya-Karasu-Samsun-Çarşamba placers (2004.112.008.2), **Researcher**, Research Foundation of KTU, Turkey, 2005-2008 (36 months)

Technical Skills

- Analytical skills with Atomic Absorption Spectrometer (AAS) and Particle Size Analyser (Laser diffraction)
- Practical skills on mineral processing and hydrometallurgical testwork, and interpretation of data
- Proficiency in statistical design of experiments (DOE) and data analysis

Software

- HSC Chemistry (*Chemical Reaction and Equilibrium Software, Outotec, 2011*)
- Medusa (*Software for Chemical Equilibrium Diagrams, Royal Institute of Technology, Sweden, 2004*)
- Visual MINTEQ (*Software for Chemical Equilibrium Models, Jon Petter Gustafsson, 2010*)
- Design-Expert, Minitab
- Proficient in Word, Excel, PowerPoint

Language Skills

- Mother Tongue: Turkish
- Foreign Language: English (Proficient user in Understanding, Speaking and Writing)

Short-term Practices

2000	Div-Han (Sivas, Turkey), Magnetite Mine, Open pit mining, 20 days
2000	Div-Han (Sivas, Turkey), Magnetite Mine, Concentrating Plant, 20 days
2001	Park Teknik A.Ş. (Çayırhan/Ankara, Turkey), Underground mining, Mechanised coal production, 20 days
2001	Eti Gümüş Plant (Kütahya, Turkey), Cyanide leaching of silver in CSTR, 15 days

Awards and Honours

1999-2000	Scholarship for successful students, Turkish Mining Development Foundation
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Memberships

- Chamber of Mining Engineers of Turkey (2002-continued)
- The Australasian Institute of Mining and Metallurgy - AusIMM (2010-2011)

Editorials

- Editorial Board, Chemical and Materials Engineering, 2013-present

Peer-Reviewing

- Hydrometallurgy
- Int. J. of Mineral Processing
- Separation Science and Technology
- Waste Management
- African Journal of Environmental Science and Technology
- Chemical and Materials Engineering
- American Journal of Environmental Protection (AJEP)

Publications

Peer-reviewed Journal Papers

1. Yazici, E.Y., Deveci, H., **2015**. Cupric Chloride Leaching (HCl-CuCl₂-NaCl) of Metals from Waste Printed Circuit Boards (WPCBs), *Int. J. of Mineral Processing*, 134, 10, 89-96.
2. Celep, O., Bas, A.D., Yazici, E.Y., Alp, İ., Deveci, H., **2015**. Improvement of Silver Extraction by Ultra-fine Grinding prior to Cyanide Leaching of the Plant Tailings of a Refractory Silver Ore, *Mineral Processing and Extractive Metallurgy Review*, 36, 227-236.
3. Bas, A.D., Koc, E., Yazici, E.Y., Deveci, H., **2015**. Treatment of A Copper-Rich Gold Ore by Cyanide Leaching, Ammonia Pretreatment and Ammoniacal Cyanide Leaching, *Transactions of Nonferrous Metals Society of China*, 25, 2, 597-607.
4. Yazici, E.Y., Deveci, H., **2014**. Ferric Sulphate Leaching of Metals from Waste Printed Circuit Boards, *Int. J. of Mineral Processing*, 133, 39-45.
5. Bas, A.D., Deveci, H., Yazici, E.Y., **2014**. Treatment of Manufacturing Scrap TV Boards by Nitric Acid Leaching, *Separation and Purification Technology*, 130, 151-159
6. Celep, O., Yazici, E. Y., **2013**. Ultra-fine Grinding of Silver Plant Tailings of a Refractory Ore Using a Vertical Stirred Media Mill, *Transactions of Nonferrous Metals Society of China*, 23, 3412-3420.
7. Yazici, E. Y., Deveci, H., **2013**. Extraction of Metals from Waste Printed Circuit Boards (WPCBs) in H₂SO₄-CuSO₄-NaCl Solutions, *Hydrometallurgy*, 139, 30-38.
8. Bas, A. D., Deveci, H., Yazici, E. Y., **2013**. Bioleaching of Copper from Low Grade Scrap TV Circuit Boards Using Mesophilic Bacteria, *Hydrometallurgy*, 138, 65-70
9. Tuncuk, A., Stazi, V., Akcil, A., Yazici, E.Y., Deveci, H., **2012**. Aqueous metal recovery techniques from e-scrap: Hydrometallurgy in recycling, *Minerals Engineering*, 25 (1), 28-37.
10. Bas, A.D, Yazici, E.Y., Deveci, H. **2012**. Recovery of Silver from X-ray Film Processing Effluents by Hydrogen Peroxide Treatment, *Hydrometallurgy*, 121-124 (2012) 22-27
11. Yazici, E.Y., Deveci, H., Yazici, R. **2011**. Recovery of Silver from X-ray Film Processing Effluents using Trimercapto-s-triazine (TMT). *Separation Science and Technology*, 46(14), 2231-2238.
12. Yazici, E.Y., Deveci, H., Alp, I. **2009**. Treatment of cyanide effluents by oxidation and adsorption in batch and column studies. *Journal of Hazardous Materials* 166(2-3), 1362-1366.
13. Alp, I., Deveci, H., Süngün, Y.H., Yazici, E.Y., Savaş, M., Demirci, S. **2009**. Leachable characteristics of arsenical borogypsum wastes and their potential use in cement production. *Environmental Science and Technology*, 43(18), 6939-6943.

14. Alp, I., Deveci, H., Yazıcı, E.Y., Türk, T. Süngün, H. **2009**. Potential use of pyrite cinders as raw material in cement production: Results of industrial scale trial operations. *Journal of Hazardous Materials* 166(1), 144-149.
15. Yazıcı, E.Y., Deveci, H., Alp, I., Uslu, T. **2007**. Generation of Hydrogen Peroxide and Removal of Cyanide from Solutions Using Ultrasonic Waves. *Desalination*, 216(1-3), 209-221.
16. Deveci, H., Yazıcı, E.Y., Alp, İ., Uslu, T. **2006**. Removal of Cyanide from Aqueous Solutions by Plain and Metal-impregnated Granular Activated Carbons. *Int. J. of Mineral Processing*, 79(3), 198-208.

Other Peer-reviewed Journal Papers (in Turkish)

1. Yazıcı, E.Y., Baş, A. D., Deveci, H., **2011**. E-Madenler (*E-Mines*). *Madencilik Türkiye*, 19, 66-70.
2. Yazıcı, E.Y., Deveci, H., **2011**. E-Atıkların Çevresel Etkileri ve İkincil Kaynak Olarak Ekonomik Potansiyeli (*Environmental Impacts and Economic Potential of E-Wastes as a Secondary Resource*). *Çevre Bilim ve Teknoloji Dergisi (ÇBT)*, 3 (3), 99-114.
3. Yazıcı, E.Y., Deveci, H., **2009**. E-atıklardan Metallerin Geri Kazanımı (*Recovery of Metals from E-wastes*). *Madencilik*, 48 (3), 3-18.
4. Akçil, A., Yazıcı, E.Y., Deveci, H., **2009**. E-Atıklar: Geleceğin Madenleri (*E wastes: Mines of Future*). *Recycling Industry*, 10, 66-75.
5. Yazıcı, E.Y., Deveci, H., Akçil, A., **2009**. Geridönüşümden Kazanmak: E-Atıklar (*Recovery from Recycling: E-Wastes*). *Recycling Industry*, 26. 90-84

Translations

1. Baş, A. D., Yazıcı, E.Y., Celep, O., **2014**. Geçmişten Günümüze Hidrometalurji, *Madencilik Türkiye*, 38, 74-80. (*Translation of "Hydrometallurgy Over the Years" by Prof.Dr.F.Habashi*)
2. Baş, A. D., Yazıcı, E.Y., Celep, O., **2013**. Altın Metalurjisinde Yeni Gelişmeler, *Madencilik*, 52(1), 3-17. (*Translation of "Recent Advances in Gold Metallurgy" by Prof.Dr.F.Habashi*)

Conference Proceedings and Presentations (International)

1. Yazıcı, E.Y., Celep, O., Deveci, H., **2015**. An Overview of Treatment of Copper-gold Ores, International Congress on Natural and Engineering Sciences (ICNES), 09-13 September, 2015, Bosna Hersek-Saraybosna, Abstract Book, p.46.
2. Yazıcı, E.Y., Deveci, H., Yazıcı, R., Akçil, A. U., **2015**. Base and Precious Metal Losses in Magnetic Separation of Waste Printed Circuit Boards (WPCB), Proceedings of the 8th European Metallurgical Conference (EMC), Vol.2, 14-17 June, Düsseldorf, 649-662.
3. Yazıcı, E.Y., Ahlatçı, F., Koç, E., Celep, O, Deveci, H., **2015**. Pre-treatment of a Copper-rich Gold Ore for Elimination of Copper Interference, Proceedings of the 8th European Metallurgical Conference (EMC), Vol.2, 14-17 June, Düsseldorf, 601-613.
4. Celep, O, Altinkaya, P., Yazıcı, E.Y., Deveci, H., **2015**. Characterization of Refractoriness of An Arsenical Silver Ore, Proceedings of the 8th European Metallurgical Conference (EMC), Vol.2, 14-17 June, Düsseldorf, 565-575.
5. Yazıcı, E.Y., Deveci, H., **2015**. Atık Baskılı Devre Kartlarının Ekonomik Potansiyeli ve Çevresel Karakterizasyonu (Potential and Environmental Characterisation of Waste of Printed Circuit Boards), Proceedings of the 24th International Mining Congress and Exhibition of Turkey (IMCET), Eds: M.G. Kılıç, Ö. Önel, H. Başarı, M. Karadeniz, E.T. Bilgiç, April 14-17, Antalya, 941-951 (in Turkish).
6. Celep, O., Altinkaya, P., Yazıcı, E.Y., Deveci, H., **2015**. Recovery of Silver From an Arsenical Silver Ore by Knelson Concentrator and Cyanide Leaching, Proceedings of the 24th International Mining Congress and Exhibition of Turkey (IMCET), Eds: M.G. Kılıç, Ö. Önel, H. Başarı, M. Karadeniz, E.T. Bilgiç, April 14-17, Antalya, 1194-1198 (in Turkish).
7. Yazıcı, E.Y., Deveci, H., Ehsani, A. **2014**. Recovery of metals from chloride leach solutions of waste of printed circuit boards by adsorption and precipitation, Proceedings of the XXVII. Int. Mineral Processing Congress (IMPC), Eds: J.Yianatos, A.Doll, C.Gomez, R.Kuyvenhoven, 20-24 Oct., Santiago, Chile, Chapter 18, 170-179.

8. Yazıcı, E.Y., Baş, A.D., Deveci, H., **2014**. Removal of iron as goethite from leach solutions of waste of printed circuit boards (WPCB), Proceedings of the XXVII. Int. Mineral Processing Congress (IMPC), Eds: J.Yianatos, A.Doll, C.Gomez, R.Kuyvenhoven, 20-24 Oct., Santiago, Chile, Chapter 18, 162-169.
9. Celep, O., Yazıcı, E.Y., Deveci, H., Alp, İ., **2014**. Evaluation of physical and chemical pre-treatment methods for a refractory silver ore, Proceedings of the XXVII. Int. Mineral Processing Congress (IMPC), Eds: J.Yianatos, A.Doll, C.Gomez, R.Kuyvenhoven, 20-24 Oct., Santiago, Chile, Chapter 19, 201-208.
10. Celep, O., Deveci, H., Alp, İ., Yazıcı, E.Y., Dinç, D., Duran, C., **2014**. Ammoniacal thiosulfate leaching of gold from a refractory ore using a full factorial design, Proceedings of the XXVII. Int. Mineral Processing Congress (IMPC), Eds: J.Yianatos, A.Doll, C.Gomez, R.Kuyvenhoven, 20-24 Oct., Santiago, Chile, Chapter 19, 12-20.
11. Yazıcı, E.Y., Baş, A.D., Deveci, H., **2014**. Jarosite Precipitation of Iron from Leach Solutions of Waste Printed Circuit Boards (WPCBs), Proceedings of the XIV. International Mineral Processing Symposium And Exhibition (IMPS), 15-17 Oct., Kuşadası, Turkey, 483-488.
12. Koç, E., Ahlatcı, F., Celep, O., Yazıcı, E.Y., Deveci, H., **2014**. Interference of Metals with the Determination of Free Cyanide, Proceedings of the XIV. International Mineral Processing Symposium And Exhibition (IMPS), 15-17 Oct., Kuşadası, Turkey, 1027-1033.
13. Yazıcı, E.Y., Celep, O., Deveci, H., Altinkaya, P., **2014**. Amenability of Antimonial and Arsenical Refractory Gold/Silver Ores to Thiourea Leaching, Proceedings of the XIV. International Mineral Processing Symposium And Exhibition (IMPS), 15-17 Oct., Kuşadası, Turkey, 681-686.
14. Yazıcı, E.Y., Ehsani, A. Deveci, H., **2013**. Metal İçeriği Yüksek Sülfat Çözeltilerinden Bakırın Çöktürülerek Kazanımı (Recovery of Copper from Metal-Rich Sulphate Solutions by Precipitation), Proceedings of the 23rd International Mining Congress & Exhibition of Turkey (IMCET 2013), Antalya-Kemer, 19-20 April, pp.861-869 (in Turkish).
15. Baş, A.D., Yazıcı, E.Y., Deveci, H., **2012**. Treatment of a Copper-Rich Gold Ore by Ammonia Assisted Cyanide Leaching, Proceedings of the XXVI. Int. Mineral Processing Congress (IMPC), 24-28 Sept., New Delhi, India, pp.356-365.
16. Baş, A.D., Altinkaya, P., Yazıcı, E.Y., Deveci, H., **2012**. Preg-robbing Potential of Sulphide-bearing Gold Ores, Proceedings of the XIII. International Mineral Processing Symposium (IMPS), 10-12 October, Bodrum, Turkey, pp. 613-618.
17. Baş, A.D., Yazıcı, E.Y., Deveci, H., **2012**. Bacteria-assisted Leaching of Waste Computer PCBs, Proceedings of the XIII. International Mineral Processing Symposium (IMPS), 10-12 October, Bodrum, Turkey, pp. 435-441.
18. Baş, A.D., Kucuk, A., Yazıcı, E.Y., Deveci, H., **2012**. Assesment of Ammonia/Ammonium Sulphate Leaching as a Pretreatment Process for Copper Bearing Gold Ores, Proceedings of the XIII. International Mineral Processing Symposium (IMPS), 10-12 October, Bodrum, Turkey, pp. 563-569.
19. Ehsani, A., Yazıcı, E.Y., Deveci, H., **2012**, The Influence of Impurity Ions on The Electrowinning of Copper from Waste PCBs Leaching Solutions, Proceedings of the XIII. International Mineral Processing Symposium (IMPS), 10-12 October, Bodrum, Turkey, pp. 443-449.
20. Yazıcı, E.Y., Deveci, H., **2011**. Geleceğin Madenleri: E-atıklar (Mines of Future: E-waste), In Demirel N., Erdem Ö. and Erkayaoğlu M. (Eds.), Proceedings of the 22nd International Mining Congress and Exhibition of Turkey (IMCET), May 11-13, Antalya, pp.441-448 (In Turkish).
21. Yazıcı, E.Y., Deveci, H., Yazıcı, R., Greenway, R., Akcil, A. **2011**. Recovery of Copper from Scrap TV Boards by Eddy Current Separation. Proceedings of the 15th Conference on Environment and Mineral Processing (EaMP), Part I, June 8-10, Ostrava, Czech Republic, pp.27-33.
22. Bas, A.D, Özdemir, E., Yazıcı, E.Y., Celep, O., Deveci, H., **2011**. Ammoniacal thiosulphate leaching of a copper-rich gold ore, Proceedings of the 15th Conference on Environment and Mineral Processing (EaMP), Part I, June 8-10, Ostrava, Czech Republic, pp.83-89.
23. Yazıcı, E.Y., Deveci, H., Alp, İ., Akçil, A., Yazıcı R. **2010**. Characterisation of Computer Printed Circuit Boards for Hazardous Properties and Beneficiation Studies. Proceedings of the XXV. Int. Mineral Processing Congress (IMPC), 6-10 Sept., Brisbane, Australia, pp.4009-4015.
24. Yazıcı, E. Y., Üçüncü, R., Deveci, H. **2010**. Removal of Thiocyanate from Solutions by Precipitation. XXV. Int. Mineral Processing Congress (IMPC), 6-10 Sept., Brisbane, Australia, pp.4017-4023.
25. Celep, O, Yazıcı, E.Y., Bölük, D., Deveci, H., Alp, İ., **2010**. Evaluation of Preg-robbing Potential of Refractory Gold Ores, Proceedings of the XII. International Mineral Processing Symposium (IMPS), 6-8 October, Kapadokya, Turkey,673-679.

26. Yazıcı, E.Y., Yazıcı, R., Devenci, H., Alp, İ., Greenway, R., **2010**. Eddy Current Separation of Metals from E-wastes. Proceedings of the XII. International Mineral Processing Symposium (IMPS), 6-8 October, Kapadokya, Turkey, pp. 1207-1215.
27. Yazıcı, E.Y., Devenci, H., **2010**. Factors Affecting Decomposition of Hydrogen Peroxide. Proceedings of the XII. International Mineral Processing Symposium (IMPS), 6-8 October, Kapadokya, Turkey, pp. 609-616.
28. Yazıcı, E.Y., Baş, A. D., Devenci, H., **2010**. Extraction of Silver from Waste X-ray Film by Thiosulphate Leaching, Proceedings of the XII. International Mineral Processing Symposium (IMPS), 6-8 October, Kapadokya, pp. 741-748.
29. Devenci, H., Yazıcı, E.Y., Aydın, U., Yazıcı, R., Akcil, A. U., **2010**. Extraction of Copper from Scrap TV Boards by Sulphuric Acid Leaching Under Oxidising Conditions. Going Green-CARE INNOVATION, 8-11 November, Vienna, Austria, paper no: 045.
30. Yazıcı, E.Y., Devenci, H., Alp, İ., Yılmaz, T. **2008**. Removal of Cyanide from Solutions by Air Oxidation and Adsorption. In Özbayoğlu G., Arol A.İ., Hoşten Ç. and Atalay Ü. (Eds.), Proceedings of the 11th. International Mineral Processing Symposium, Antalya (Belek), Turkey, pp.905-911.
31. Devenci, H., Ball, T., Alp, İ., Uslu, T., Yazıcı, E.Y., **2006**. A SEM Study on the Oxidation Patterns of Sphalerite, Pyrite and Galena During Chemical and Bacterial Leaching of a Sulphide Ore. In Önal G., Acarkan N., Çelik M.S., Arslan F., Ateşok G., Güney A., Sirkeci A.A., Yüce A.E., Perek K.T. (eds.), Proc. of the XXIII. Int. Mineral Processing Congress (IMPC) , Vol 2. 3-8 September, Istanbul, Turkey, pp 1494-1499.
32. Yazıcı, E.Y., Devenci, H., Alp, İ., Uslu, T., Celep O., **2006**. Factors Affecting Decomposition of Cyanide by Hydrogen Peroxide. In Önal G., Acarkan N., Çelik M.S., Arslan F., Ateşok G., Güney A., Sirkeci A.A., Yüce A.E., Perek K.T. (eds.), Proc. of The XXIII. Int. Mineral Processing Congress (IMPC), Vol 3. 3-8 September, Istanbul, Turkey, pp 2439-2444.
33. Alp İ., Özdağ H., Devenci H., Yazıcı E.Y., **2004**. Magnetic Separation Of Colemanite From Ore And Tailings Of Kestelek (Turkey) Plant. In International Conference of Modern Management of Mine Producing, Geology and Environmental Protection (SGEM). 14-18 June, Bulgaria, pp.267-274.
34. Alp İ., Celep O., Devenci H., Yazıcı E.Y., **2004**. Processing of Gold from Mastra (Gümüşhane-Turkey) Ore by Knelson Gravity Concentrator. In International Conference of Modern Management of Mine Producing, Geology and Environmental Protection (SGEM). 14-18 June, Bulgaria, pp259-266.
35. Alp İ., Celep O., Devenci H., Vicil M., Yazıcı E.Y., **2004**. Recovery of Gold From Mastra (Gümüşhane) Ore Using Centrifugal Gravity Concentrators. In Akar A., İpekoğlu Ü., Cöcen İ. and Polat M. (Eds.), Proc. of the Xth International Mineral Processing Symposium (IMPS), İzmir (Çeşme), 5-7 October, pp.27-33 (In Turkish).
36. Devenci H., Alp İ., Yazıcı E.Y., **2004**. Bench-Scale Bioleaching of a Complex Zinc Sulphide Ore in Stirred Tank Reactors. In Akar A., İpekoğlu Ü., Cöcen İ. and Polat M. (Eds.), Proc. of the Xth International Mineral Processing Symposium (IMPS), İzmir (Çeşme), 5-7 October, pp.523-529.
37. Yazıcı, E.Y., Alp, İ., Kaygusuz, A., Kolaylı, H., Vicil, M., **2003**. Piezoelectric Technology And Study of Evaluation of East Karadeniz Region Quartz Deposits. Industrial Minerals and Building Stones (IMBS), 15-18 September, İstanbul pp.775-781
38. Alp, İ., Yılmaz, T., Yazıcı, E.Y. Celep, O., **2003**. Determination of the Degree of Liberation and Optimum Grind Time of Kayabaşı- Trabzon (Turkey) Cu-Zn Massive Ore, 3rd International Conference Modern Management of Mine Producing, Geology and Environmental Protection (SGEM), 9-13 June, Bulgaristan, Varna pp.39-44

Conference Proceedings and Presentations (National) (in Turkish)

1. Yazıcı E.Y., Alp İ., Devenci H., Yılmaz T., Celep O., **2006**. Yığın Liçi Çözeltilisinden Sementasyon ile Bakır Kazanımı Uygulaması: Helva Madeni (Bayburt) (*Application of Cementation for the Recovery of Copper from Heap Leaching Solution: Helva Madeni (Bayburt)*). Doğu Karadeniz Bölgesi Maden Kaynaklarının Değerlendirilmesi Sempozyumu. 14-16 Eylül, Trabzon, s305-307. (In Turkish)
2. Kırmızıkan E., Güldan G., Yazıcı E. Y., Alp İ., Devenci H., Duran C., Celep O., **2006**, Atık Banyo Çözeltilerindeki Gümüşün Sementasyon ile Geri Kazanımı (*Recovery of Silver from Waste Photographic Solutions by Cementation*). Doğu Karadeniz Bölgesi Maden Kaynaklarının Değerlendirilmesi Sempozyumu. 14-16 Eylül, Trabzon, s309-311. (in Turkish)

Certificates

- Chemometrics Course (1-day) in II. Symposium of Trace Element Analysis (Es-An 2012, National Symp.), 27-30 June, Karadeniz Technical University, Trabzon, Turkey, 2012
- USIM PAC Mineral Processing Plant Simulation Software Basic Level course, certified by MPES Engineering, Ankara, Turkey, 26-27 March, 2015.

References

- Prof. Dr. Hacı Deveci** Karadeniz Technical University, Dept. of Mining Eng.,
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https://www.researchgate.net/profile/Ata_Akçil/
-
- Prof. Dr. Fathi Habashi** Professor Emeritus of Extractive Metallurgy
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