

## **Prof.Dr. Cüneyt ARSLAN**

Istanbul Technical University, Chemistry–Metallurgy Faculty  
Metallurgical & Materials Engineering Department  
34469 Maslak, Istanbul

Tel: (212) 285-3096

Fax: (212) 285-7178

E-mail: [arslanc@itu.edu.tr](mailto:arslanc@itu.edu.tr)

Birth date, place: 01.01.1958, Balıkesir, Turkey

Marital status: Married, one child

Foreign language: English



### **EDUCATION**

- 1986 – 1991 : Columbia University (New York, U.S.A.), Ph.D.
- 1990 : Columbia University (New York, U.S.A.), M.Phil.
- 1984 – 1986 : Columbia University (New York, U.S.A.), M.Sc.
- 1980 – 1982 : I.T.U. Metallurgy Faculty, M.Sc.
- 1975 – 1980 : I.T.U. Metallurgy Faculty, B.Sc.

### **ACADEMIC**

- 2002 – present: Professor, I.T.U. Chemistry-Metallurgy Faculty, Metallurgical & Materials Engineering Department
- 1995 – 2002 : Assoc.Prof., I.T.U. Chemistry-Metallurgy Faculty, Metallurgical & Materials Engineering Department
- 1991 – 1995 : Asst.Prof., I.T.U. Chemistry-Metallurgy Faculty, Metallurgical & Materials Engineering Department
- 1989 – 1990 : Research Assistant, Columbia University, New York, U.S.A.
- 1980 – 1982 : Research Assistant, I.T.U. Metallurgy Faculty

### **ADMINISTRATIVE**

- 2012 – present : Director, I.T.U. Prof.Dr. Adnan Tekin Materials Science and Production Technologies Applied Research Center
- 2008 – 2014 : Member of Administrative Board, I.T.U. Chemistry-Metallurgy Faculty
- 2006 – 2009 : Division Head, I.T.U. Chemistry-Metallurgy Faculty, Metallurgical & Materials Engineering Department, Extractive Metallurgy Division
- 2004 – 2006 : Member of Transfer & Adaptation Commission, I.T.U. Chemistry-Metallurgy Faculty
- 2000 – 2003 : Member of ABET Commission, I.T.U. Metallurgical & Materials Engineering Department
- 2000 – 2001 : Vice Chair, I.T.U. Metallurgical & Materials Engineering Department
- 1998 – 2001 : Member of Administrative Board, I.T.U. Chemistry-Metallurgy Faculty
- 1995 – 2001 : Member of Scholarship Commission, I.T.U. Chemistry-Metallurgy Faculty
- 1992 – 1995 : Member of Internship Commission I.T.U. Chemistry-Metallurgy Faculty

## **A W A R D S & F E L L O W S H I P S**

1990 – 1991 : William Campbell Fellowship, Henry Krumb School of Mines,  
Columbia University, New York, U.S.A.

1983 – 1989 : Fellowship to study abroad for pursuing Ph.D. degree,  
Ministry of Education of Turkish Republic

## **M E M B E R o f**

- TMMOB Chamber of Metallurgical Engineers (1980 – present)
- TMS of AIME (1985 – 1991)
- The Electrochemical Society (1985 – 1991)

## **A C A D E M I C A C T I V I T I E S**

### **Congress / Conference / Symposium Organized**

- ICAM 2015, 12th International Congress for Applied Mineralogy, Organizing Committee Member and Secretary, August 10-12, 2015, Istanbul Technical University, Istanbul, Turkey ([www.icam2015.org](http://www.icam2015.org))
- Workshop on Energy and Emission Control in Istanbul and Its Surroundings, Organizer, 17 April 2015, Istanbul Technical University, Faculty of Mines (<http://www.isteek.org/calistay/>)
- 15th International Metallurgy and Materials Congress, Member of Organizing Committee, 11-13 November 2010, Tuyap Fair and Congress Center, Istanbul.
- 14th International Metallurgy and Materials Congress, Head of Organizing Committee, 16-18 October 2008, Tuyap Fair and Congress Center, Istanbul.

### **Courses Instructed**

- Fundamentals of Transport Phenomena (English)
- Mass and Energy Balance (English)
- Experimental Approach to Electrometallurgy (English)
- Simulation of Metallurgical Processes (English)
- Transport Phenomena for Metallurgists (Graduate course, English)
- Modeling of Extractive Metallurgical Processes (Graduate course, English)
- Extractive Metallurgy Lab.
- Design & Material Selection
- Material Science (Bahçeşehir University, Graduate course / 2009, 2010)

### **Master's and Ph.D. Theses administered**

- **Ali Ulus**, (Ph.D.)

- **Raşit Sezer**, (Ph.D.)
- **Emre Yılmaz**, (Ph.D.)
- **Ezgi Akyıldız**, (Ph.D.)
- **Selda Nayır**, (Ph.D.)
- **Ece Canan Koşmaz**, (Ph.D.)
- **Emre Ulaştı**, (M.Sc.)
- **Ayşegül Bilen**, (M.Sc.)
- **Nagehan Kaya**, (M.Sc.)
- **Begüm Ucun**, (M.Sc.), Improving the process of coating HNS-IV explosive with a binder, September 2015.
- **Özgün Ünal**, (M.Sc.), Recovery of metallic values that RAM chips contain via hydrometallurgical routes, July 2015.
- **Mahmut Sefa Berke**, (M.Sc.), Extraction of the lanthanide group metals that Eskişehir-Beylikahır complex ore contain, from thorium and uranium via metallurgical processes, November 2014.
- **Emre Yılmaz**, (M.Sc.), Optimization of process parameters for recovering the metallic values from dental amalgam wastes, August 2014.
- **Erdem Kılıçaslan**, (M.Sc.), Production of manganese sulfate solution by leaching high carbon ferromanganese and process optimization, June 2013.
- **Enis Sevim**, (M.Sc.), Optimization of processes used for the purification of leach solutions obtained in hydrometallurgical manganese production, June 2013.
- **Elvan Ekiz**, (M.Sc.), Recovery of valuable metals from copper converter slags, May 2009.
- **A. Gamze Onuk**, (M.Sc.), Effect of catholyte flowrate on current efficiency in electrolytic chromium production from synthetically prepared Cr-alum solution, January 2007.
- **Ali Öztürk**, (M.Sc.), An alternative method to beneficiate the flue dusts of copper refining furnace, May 2005.
- **Burak Aksoylu**, (M.Sc.), Copper refining electrolysis at high current densities, May 2003.
- **Gökhan Orhan**, (Ph.D.), De-metallization of galvanic industries' waste solutions in high convection electrolysis cells, May 2001.
- **Murat Çınarlı**, (M.Sc.), Removal of iron from manganese solutions and optimization of process variables, February 1997.
- **Ahmet Demir**, (M.Sc.), Evaluation of Denizli-Tavas manganese ores via acidic leaching and optimization of process parameters, June 1996.
- **Murat Ateş**, (M.Sc.), Product and process optimization in pressure casting via OHTEA technique, June 1995.

- **Gökhan Orhan**, (M.Sc.), Investigating the possibility of metallic chromium powder production via aluminothermy, September 1994.

## PROJECTS

- 2015 – present: Director, “Production of Al-Sr master alloy for aluminum casting industry from domestic celestite ore”, TUBITAK 115M631.
- 2014 – 2015: Director, “Developing a new system for cleaning diesel exhaust filters of public transportation vehicles in Istanbul”, Istanbul Development Agency, ISTKA, ISTKA-2014/EVK.
- 2013 – 2014: Director, “An education program for the workers of precious metal processing and recovery plants and engineers who inspect these plants on behalf of public”, ISTKA, ISTKA-2012/YEK-48.
- 2011 – 2012: Director, “Development of new generation, boron doped,  $\text{LiM}_x\text{B}_y\text{O}$  (M= Fe, Mn, Ni) based cathode material for lithium ion batteries via ultrasonic spray pyrolysis technique”, BOREN 2011-Ç0271.
- 2006 – 2009: Researcher, “Fosgen removal by infrared laser during the production of pure boron trichloride suitable for the production of metallic boron via CVD technique”, TUBITAK 106M087.
- 2005 – 2007: Director, “Investigation of the electrolytic chromium production from domestic chromite ore and/or ferrochrome and modeling the process”, TUBITAK 105M073.
- 2004 – 2005: Director, “An alternative method to beneficiate the flue dusts of copper refining furnace”, ITU BAP (ITU, Scientific Researches Unit)
- 1998 – 2000: Director, “De-metallization of galvanic industries’ waste solutions in high convection electrolysis cells”, ITU BAP (ITU, Scientific Researches Unit)
- 1997 – 1998: Director, “Removal of iron from manganese solutions and optimization of process variables”, ITU BAP (ITU, Scientific Researches Unit)
- 1996 – 1997: Director, “Evaluation of Denizli-Tavas manganese ores via acidic leaching and optimization of process parameters”, ITU BAP (ITU, Scientific Researches Unit)
- 1994 – 1995: Director, “Investigating the possibility of metallic chromium powder production via aluminothermy”, ITU BAP (ITU, Scientific Researches Unit)
- 1988 – 1989: Researcher, Columbia University, “Metallic chromium production via molten salt electrolysis technique”, A project of Elkem Metals Company, Ohio, U.S.A.
- 1987 – 1988: Researcher, Columbia University “Rehabilitation of Williamsburg Bridge Wires”, A project of New-York Municipality

## PUBLICATIONS

### Theses

- Ph.D. Thesis: Modeling the Performance of Aqueous Chromium Electrowinning Cells, Columbia University, New York, Thesis Advisor: Professor Paul F. Duby, May 1991.
- M.Sc. Thesis: The Effect of Methanol Addition in Zinc Electrowinning, Columbia University, New York, Thesis Advisor: Professor Paul F. Duby, December 1985.
- M.Sc. Thesis: Beneficiation of Karadeniz Copper Works' slags via acid baking method, ITU Metallurgy Faculty, Thesis Advisor: Prof.Dr. Fuat Yavuz Bor, 1982.
- B.Sc. Thesis: Recovery of the salts used in aluminum electrolysis cells, ITU Metallurgy Faculty, Thesis Advisor: Prof.Dr. Fuat Yavuz Bor, 1980.

### Papers – *International*

1. Ebin B., Gürmen S., **Arslan C.**, Lindbergh G., "Electrochemical properties of nanocrystalline  $\text{LiFe}_x\text{Mn}_{2-x}\text{O}_4$  ( $x = 0.2-1.0$ ) cathode particles prepared by ultrasonic spray pyrolysis method", *Electrochimica Acta*, Vol. 76, 1, August 2012, pp. 368-374.
2. Ebin B., Gürmen S., **Arslan C.**, "Synthesis and Structural Characterization of  $\text{LiZn}_{0.5}\text{Mn}_{1.5}\text{O}_4$  Cathode Materials", *International Journal of Material Science and Electronics Research*, Vol. 1, No. 2, July-Dec. 2010, pp. 49-53.
3. Kartal G., Timur S., **Arslan C.**, "Effects of Process Current Density and Temperature on Electrochemical Boriding of Steel in Molten Salts", *Journal of Electronic Materials*, Vol. 34, No.12, 2005, pp.1538-1542.
4. Gürmen S., Orhan G, **Arslan C.**, Timur S., "Copper Refining Electrolysis at High Current Densities", *ARI - The Bulletin of the Istanbul Technical University*, Vol. 54, No.2, July 2004, pp.40-44.
5. **Arslan C.**, Arslan F., "Thermochemical Review of Jarosite and Goethite Stability Regions at 25 and 95°C", *Turkish Journal of Engineering and Environmental Sciences*, 27, 2003, pp.45-52.
6. **Arslan C.**, Arslan F., "Recovery of copper, cobalt, and zinc from copper smelter and converter slags", *Hydrometallurgy*, Vol. 67, (1), 2002, pp.1-7.
7. Orhan G., **Arslan C.**, Bombach H., Stelter M., "Nickel recovery from the rinse waters of plating baths", *Hydrometallurgy*, Vol. 65, (1), 2002, pp.1-8.
8. Gürmen S., Timur S., **Arslan C.**, Duman İ., "Production of Pure Tungsten Oxide from Scheelite Concentrates", *Scandinavian Journal of Metallurgy*, 31, (3), 2002, pp.221-229.
9. Çamcı L., Aydın S., **Arslan C.**, "Reduction of Iron Oxides in Solid Wastes Generated by Steelworks", *Turkish Journal of Engineering and Environmental Sciences*, 26, 2002, pp.37-44.

10. Arslan F., **Arslan C.**, Çelik M.S., “Arsenic Removal through the Decrepitation of Colemanite Ores”, Powder Technology, 25 June 1999, Vol./Issue: 103/3, 260-264.
11. Orhan G., **Arslan C.**, “Investigating the Effects of Charge Components on Metallic Chromium Production via Aluminothermic Route with no External Energy”, Minerals & Metallurgical Processing, May 1999, Vol. 16, No.2, 62-64.
12. Gürmen S., Timur S., **Arslan C.**, Duman İ., “Acidic Leaching of Scheelite Concentrate and Production of Hetero-poly-tungstate Salt”, Hydrometallurgy, 51, (1999), 227-238.
13. **Arslan C.**, Duby P., “The Anodic Oxidation of Cr(III) to Cr(VI) in a Laboratory-Scale Chromium Electrowinning Cell”, Hydrometallurgy, 46, (1997), pp.337-348.
14. **Arslan C.**, Orhan G., “Chromium (VI) Oxide Production from Domestic Chromite Concentrates by Alkali Fusion”, International Journal of Mineral Processing, 50, (1997), pp.87-96.
15. Aydın S., Taptık Y., **Arslan C.**, “Scrap, Recycling and Steel Production -A General Perspective and Türkiye's Standpoint”, Ironmaking and Steelmaking, Vol. 23, No. 3, 1996, pp.242-246.
16. Aydın S., **Arslan C.**, Taptık Y., Dikeç F., “Turkish Iron and Steel Industry: Developments Within The Last 15 Years”, Steel World, No:1, 1996, pp.95-101.
17. Şirin B., Açma E., **Arslan C.**, Addemir O., “The Effect of Sulphur on Tungsten Recovery from Scheelite Concentrates by Alkali Fusion”, Canadian Metallurgical Quarterly, Vol. 33, No. 4, 1994, pp.313-318.
18. Oktaybaş C., Açma E., **Arslan C.**, Addemir O., “Kinetics of Copper Precipitation by H<sub>2</sub>S from Sulfate Solutions”, Hydrometallurgy, 35, 1994, pp.129-137.

### **Papers – National**

- Arslan F., **Arslan C.**, “Copper Production Processes (III)”, Copper Life, No:7, July/August 2006, pp.36-41/59-64.
- Arslan F., **Arslan C.**, “Copper Production Processes (II)”, Copper Life, No:5, April 2006, pp.38-47.
- Arslan F., **Arslan C.**, “Copper Production Processes (I)”, Copper Life, No:4, February 2006, pp.34-40.
- **Arslan C.**, “Lab-scale investigation of the mechanism of methanol addition in zinc electrolysis ”, Metalurji, No:93, December 1994, pp.47-54.
- Arslan F., **Arslan C.**, Açma E., “Alternative processes to the cyanide leaching used in gold and silver extraction”, Metalurji, No:85, August 1993, pp.57-65.
- Arslan F., **Arslan C.**, Açma E., “A general look to the beneficiation possibilities of Turkish gold ores”, Metalurji, No:79, November 1992, pp.43-52.
- Kellogg H.H. (author), **Arslan C.** (translated to Turkish), “Trends in non-ferrous pyrometallurgy II”, Metalurji, No:43, April 1986, pp.7-16.
- Kellogg H.H. (author), **Arslan C.** (translated to Turkish), “Trends in non-ferrous pyrometallurgy I”, Metalurji, No:42, February 1986, pp.5-18.

## Books & Book Chapters

- **Arslan C.**, Arslan F., “Antimuan”, Endüstriyel Mineraller El Kitabı, G. Önal, E. Yüce, I. Özpeker, A. Güney, (Editörler), s.9-14, İstanbul Maden İhracatçıları Birliği, Ekim 1999, İstanbul.
- Arslan F., **Arslan C.**, “Nadir Toprak Metalleri”, Endüstriyel Mineraller El Kitabı, G. Önal, E. Yüce, I. Özpeker, A. Güney, (Editörler), s.143-149, İstanbul Maden İhracatçıları Birliği, Ekim 1999, İstanbul.
- Türkiye Kurşun Envanteri, (Kollektif çalışma), A. Ekrem Yüce (Editör), İstanbul Maden İhracatçıları Birliği, Temmuz 1998, İstanbul.
- Türkiye Bakır Envanteri, (Kollektif çalışma), A. Sirkeci (Editör), İstanbul Maden İhracatçıları Birliği, Temmuz 1998, İstanbul.
- Türkiye Çinko Envanteri, (Kollektif çalışma), A. Güney (Editör), İstanbul Maden İhracatçıları Birliği, Temmuz 1998, İstanbul.
- Addemir O., Açma E., **Arslan C.**, ÇİNKO, Sistem Yayıncılık, İstanbul, Mart 1995, ISBN No: 975-7397-41-5.
- Ateşok G., **Arslan C.**, “Sampling of Coal”, Ch.15 in COAL, O. Kural (Editor), İstanbul, 1994, pp.207-214, ISBN No: 975-95701-1-4.
- Dikeç F., Ateşok G., **Arslan C.**, “Coking of Coal”, Ch.24 in COAL, O. Kural (Editor), İstanbul, 1994, pp.309-335, ISBN No: 975-95701-1-4.
- İ.T.Ü. ABET 2000 Terimler Sözlüğü, İTÜ ABET PROJESİ Terim Birliği Sağlama Komisyonu: Tulunay Y., Serarslan M.N., Devres O., **Arslan C.**, Gürbüz H., Aran N., Eskin N.

## Conference Proceedings

1. Sezer R., Bilen A., Hızlı G., Ertürk S., **Arslan C.**, “Direct Conversion of Celestite to SrCO<sub>3</sub> by Wet Milling”, TMS 2017, 146th Annual Meeting & Exhibition Supplemental Proceedings, pp.609-614, 26 February - 3 March 2017, San Diego, USA.
2. Ertürk S., Sezer R., Hızlı G., Bilen A., **Arslan C.**, “Roasting of Celestite in Laboratory Scale Rotary Furnace”, 8<sup>th</sup> International Symposium on High-Temperature Metallurgical Processing, pp.469-476, 26 February - 3 March 2017, San Diego, USA.
3. Hızlı G., Bilen A., Sezer R., Ertürk S., **Arslan C.**, “Production of Strontianite from Celestite Ore in Carbonate Media”, 3rd Pan American Materials Congress, pp.607-613, 26 February - 3 March 2017, San Diego, USA.
4. Hızlı G., Bilen A., Sezer R., Yılmaz E., Ertürk S., **Arslan C.**, “Investigating the Dissolution Characteristics of Strontium Sulfide”, 3rd Pan American Materials Congress, pp.539-545, 26 February - 3 March 2017, San Diego, USA.
5. Sezer R., Hızlı G., Bilen A., Ertürk S., **Arslan C.**, “Effect of Mechanical Activation on Roasting of Celestite Ore”, International Black Sea Mining & Tunneling Symposium, Proceeding Book, November 2-4, 2016, Trabzon, Turkey.

6. Bilen A., Hızlı G., Sezer R., Ertürk S., **Arslan C.**, “Investigating the Dissolution of Celestite in BaCl<sub>2</sub> and MgCl<sub>2</sub> Medium”, International Black Sea Mining & Tunneling Symposium, Proceeding Book, November 2-4, 2016, Trabzon, Turkey.
7. Yılmaz E., Ertürk S., Arslan F., **Arslan C.**, “Recovery of Silver and Copper from Dental Amalgam Wastes Via Hydrometallurgical Processes”, TMS 2015, 144th Annual Meeting and Exhibition, March 15-19, 2015, Orlando, Florida.
8. Yılmaz E., Ertürk S., Arslan, F., **Arslan, C.**, “Recovery of Silver from Dental Amalgam Wastes Via Hydrometallurgical Processes”, (poster presentation), IMPS 2014, 14th International Mineral Processing Symposium and Exhibition, October 15-17, 2014, Kuşadası, Turkey.
9. Sevim E., Ertürk S., **Arslan C.**, “Oxidative and Carbonative Precipitation of Iron from Manganese Leach Solutions”, TMS 2014 143<sup>rd</sup> Annual Meeting and Exhibition, February 16-20, 2014, San Diego, California.
10. Kılıçarslan E., Ertürk S., **Arslan C.**, “Leaching of High Carbon Ferromanganese in Acidic Medium”, TMS 2014 143<sup>rd</sup> Annual Meeting and Exhibition, February 16-20, 2014, San Diego, California, (poster presentation).
11. Çelik C., Kokkılıç O., Eke K., Kangal M. O., **Arslan C.**, Arslan F., “Recovery of Copper and Plastics from Waste Electrical Cables”, International Mineral Processing Symposium, IMPS 2012, Oct. 10-12, 2012, Bodrum –Turkey.
12. Ebin B., Gürmen S., **Arslan C.**, “Synthesis of Nanocrystalline Cu<sub>3</sub>B<sub>2</sub>O<sub>6</sub> Particles by Ultrasonic Spray Pyrolysis Method”, TMS 2011 140th Annual Meeting & Exhibition, San Diego, California, U.S.A., 27 February - 3 March 2011.
13. Ebin B., Gürmen S., **Arslan C.**, “Aerosol Route Synthesis of Lithium Borate Spheres Using Lithium Nitrate and Boric Acid Solution”, TMS 2011 140th Annual Meeting & Exhibition, San Diego, California, U.S.A., 27 February - 3 March 2011.
14. Ebin B., Gürmen S., **Arslan C.**, “Preparation and Electrochemical Properties of Nanostructured Lithium Manganese Oxide Based Cathode Particles”, TMS 2011 140th Annual Meeting & Exhibition, San Diego, California, U.S.A., 27 February - 3 March 2011.
15. Gürmen S., Ebin B., **Arslan C.**, “Synthesis of Nanocrystalline Lead Oxide Particles by Ultrasonic Spray Pyrolysis Method”, s. 407-410, PM2010 Powder Metallurgy World Congress & Exhibition, Florence/Italy, 10-14 October 2010.
16. Ebin B., Gürmen S., **Arslan C.**, “Synthesis and Structural Characterization of LiZn<sub>0.5</sub>Mn<sub>1.5</sub>O<sub>4</sub> Cathode Materials”, 06/2010, s. 249, NanoTR-VI, 6th Nanoscience and Nanotechnology Conference, İzmir, Türkiye, 14.06.2010 - 18.06.2010
17. Ebin B., Gürmen S., **Arslan C.**, “Ultrasonik Destekli Sol-Jel Yöntemiyle Üretilen CuO Nanoyapılarında Kristal Büyümesinin İncelenmesi”, 15. Uluslararası Metalurji ve Malzeme Kongresi, İstanbul, Türkiye, 11-13 Kasım, 2010.
18. Ebin B., Gürmen S., **Arslan C.**, “Preparation of Nanostructured Iron Oxide Particles via Ultrasonic Spray Pyrolysis”, TMS 2009 Annual Meeting and Exhibition, San Francisco, U.S.A., 15-19 February 2009.
19. **Arslan C.**, Gürmen S., Duman İ., Aksoylu B., “Yüksek Akım Yoğunluklarında Bakır Rafinasyon Elektrolizinde Hücre Dizaynı”, 14. Uluslararası Metalurji ve Malzeme Kongresi, 16-19 Ekim 2008, İstanbul.



20. YAZICI E., Ebin B., Gürmen S., **Arslan C.**, Özkal B., “Preparation of Silver Nanoparticles from Ultrasonic Spray Pyrolysis of Aqueous Silver Nitrate Solution”, NanoTR-IV, 4th Nanoscience and Nanotechnology Conference, I.T.U., Istanbul, Turkey, 9-13 June 2008.
21. Ebin B., Gürmen S., **Arslan C.**, “Synthesis of Porous Submicronic Iron/Iron Oxide Spherical Powders Formed by Nanoparticles Cluster via Ultrasonic Spray Pyrolysis”, NanoTR-IV, 4th Nanoscience and Nanotechnology Conference, I.T.U., Istanbul, Turkey, 9-13 June 2008.
22. Onuk G., Gürmen S., **Arslan C.**, “Effect of Different Anode Materials on Electrolysis of Chromium from Synthetic Chrome-alum Solution”, European Metallurgical Conference 2007, June 11-14, 2007, p. 2042-2043, Düsseldorf, Germany.
23. Onuk G., Gürmen S., **Arslan C.**, “Effect of Catholyte Flowrate on Current Efficiency of Electrolytic Chromium Production from Synthetic Cr-Alum Solutions”, 13. International Metallurgy and Materials Congress, 9-11 November 2006, İstanbul.
24. Arslan F., Giray Ç., Öztürk A., Kangal M.O., Orhan G., **Arslan C.**, “Evaluation of Copper Refining Furnace Dusts”, XXIII. International Mineral Processing Congress, IMPC 2006, 3-8 September, 2006, İstanbul, Vol. 2, pp. 1505-1510.
25. Güven A., Emre M., **Arslan C.**, Timur S., “Effect of Aging on Color Properties of Gold Alloys”, Proceedings of European Metallurgical Congress, September 18-21, 2005, Dresden, Germany.
26. Orhan G., Öztürk A., **Arslan C.**, “Recovery of Base and Heavy Metals from Copper Refining Furnace Dusts”, Proceedings of European Metallurgical Congress, September 18-21, 2005, Dresden, Germany.
27. Kahvecioğlu Ö., Ertürk S., **Arslan C.**, Timur S., “Silver Cementation from Nitrate Solutions onto Copper in Classical and Forced Convection Systems”, Proceedings of European Metallurgical Congress, September 18-21, 2005, Dresden, Germany.
28. Orhan, G., Gürmen, S., Güven A., **Arslan, C.**, “Elektrik Ark Fırını (EAF) Baca Tozlarının Hidrometalurjik Değerlendirilmesi”, 12. International Metallurgy and Materials Congress, 28 September - 2 October 2005, İstanbul.
29. Orhan G., Gürmen S., **Arslan C.**, “De-Metallization of Copper-Containing Industrial Wastewaters by Various Electrolysis Systems”, European Metallurgy Congress, 16-19 September 2003, Vol. 3, s. 921-933, Hannover, Germany.
30. Orhan G., **Arslan C.**, Gürmen S., Timur S., “Yıkama Sularından Elektrolitik Bakır Kazanımında pH Değerinin Etkisi”, 11. International Metallurgy and Materials Congress, 5-8 June, 2002, s. 686-693, İstanbul.
31. Gürmen S., Timur S., **Arslan C.**, Duman İ., “Effect of Grinding Method on Tungsten Efficiency in Chelate-added Leaching of Scheelite Concentrates”, 9th Balkan Mineral Processing Congress, Sep. 11-13, 2001, İstanbul.
32. Orhan G., **Arslan C.**, Timur S., Duman İ., “Recovery of Copper from the Copper Sulfate Containing Rinse Water”, 9th Balkan Mineral Processing Congress, Sep. 11-13, 2001, İstanbul.
33. Aydın S., Yücel O., **Arslan C.**, Köksal A., “The Present Situation of Ferroalloy Production and Consumption in Türkiye”, Proceedings of the 9th International Ferroalloys Congress, INFACON 9, pp. 544-549, June 3-6, 2001, Quebec City, Canada.

34. Gürmen S., Timur S., **Arslan C.**, Duman İ., “A New Alternative in Tungsten Production: Chelate-Added Acidic Leaching”, Proceedings of the 8th International Mineral Processing Symposium, pp. 467-471, October 16-18, 2000, Antalya.
35. Timur S., Gürmen S., Orhan G., **Arslan C.**, Duman İ., “Beneficiation of Brass Ashes”, XXI International Mineral Processing Congress, pp. C12a-27 - C12a-33, 23-27 July 2000, Rome, Italy.
36. **Arslan C.**, Arslan F., Demir A., “Sulphuric Acid Leaching of Manganese Carbonate Ores and Its Kinetics”, 10. International Metallurgy and Materials Congress, 24-28 May 2000, İstanbul.
37. **Arslan C.**, Arslan F., Demir A., “Acidic Leaching of Denizli-Tavas Region Manganese Ores”, 8th Balkan Mineral Processing Congress, Vol. 1, pp.345-351, September 14-18, 1999, Belgrade-Yugoslavia.
38. Timur S., Gürmen S., **Arslan C.**, Duman İ., “Kurşun Anotların Elektrokimyasal ve Mekanik Özelliklerine Alaşım Elementlerinin Etkisi”, 9. International Metallurgy and Materials Congress, 11-15 June 1997, İstanbul.
39. Çınarlı M., **Arslan C.**, Sesigür H., “Manganez Çözeltilerinden Demirin Uzaklaştırılması ve Proses Değişkenlerinin Etüdü”, 9. International Metallurgy and Materials Congress, 11-15 June 1997, İstanbul.
40. Orhan G., **Arslan C.**, “Alüminotermik Yöntemle Metalik Krom Üretimi”, 9. International Metallurgy and Materials Congress, 11-15 June 1997, İstanbul.
41. Aydın S., **Arslan C.**, Dikeç F., “The Development in the Ferroalloy Production and Consumption of Türkiye”, Proceedings of the 7th International Ferroalloys Congress, INFACON 7, pp.297-306, 11- 14 June 1995, Trondheim, Norway.
42. Orhan G., **Arslan C.**, Açma E., Addemir O., “Alkali Füzyon Yöntemi ile Yerli Kromit Konsantrelerinden Krom(VI) Oksit Üretim Olanaklarının Araştırılması”, 8. International Metallurgy and Materials Congress, 6-9 June 1995, İstanbul.
43. Aydın S., **Arslan C.**, Dikeç F., Duman İ., “Türkiye'deki Demir Dışı Metal Üretim Sektörünün Durumu ve Dünya'daki Yeri”, 8. International Metallurgy and Materials Congress, 6-9 June 1995, İstanbul.
44. Taptık Y., Aydın S., **Arslan C.**, “Metal Recycling and Its Economics in Developing Countries - Case Study: Türkiye”, Proceedings of The Second International Conference on The Recycling of Metals, ASM International, pp.183-190, 19-21 October 1994, Amsterdam, Holland.
45. Vidal R., **Arslan C.**, Duby P., “Laboratory- Scale Investigation of the Electrowinning of Chromium from Chrome- Alum Electrolyte”, Proceedings of the 1994 TMS Annual Meeting, pp.329-346, Feb 27- March 3, 1994, San Francisco, California.
46. Şirin B., Açma E., **Arslan C.**, Addemir O., “Düşük Tenörlü Şelit Konsantresinin Alkali Füzyon ile Değerlendirilmesi ve Kükürdün Tungsten Kazanımına Etkisi”, 7. International Metallurgy and Materials Congress, 4-8 May 1993, Ankara.
47. Açma E., Sesigür H., **Arslan C.**, Addemir O., Tekin A., “Production of Copper, Cobalt and Magnetic Iron Oxide from the Ancient Copper Slags”, Proceedings of The Paul E. Queneau International Symposium on “Extractive Metallurgy of Copper, Nickel, and Cobalt”, 1993 TMS Annual Meeting, Volume 1: Fundamental Aspects, pp. 1181-1193, Eds: R.G. Reddy, R.N. Weizenbach, 21- 25 February 1993, Denver, Colorado.

48. **Arslan C.**, DUBY P., "Modeling the Aqueous Chromium Electrowinning Cells", 1992 TMS Annual Meeting, March 2-5, 1992, San Diego, California.
49. **Arslan C.**, DUBY P., "Anodic Oxidation of Cr(III) to Cr(VI) in Chromium Electrowinning", Extended Abstracts of The 179th Electrochemical Society Meeting, Vol. 91- 1, pp.811-812, May 5- 10, 1991, Washington D.C.
50. Beshers D.N., DUBY P., **Arslan C.**, Arslan F., Cukrowski L., Lim B.S., Perpich M.J., Sheikh G., "Effect of Corrosion on Strength of Eutectoid Steel - Metallurgical Investigation of Wires from the Cables of the Williamsburg Bridge in New York", poster presentation, The 8th International Conference on Strength of Metals and Alloys, August 21-26, 1988, Tampere, Finland.