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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 – 2022 : 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

AWARDS & FELLOWSHIPS

- 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

MEMBER of

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

ACADEMIC ACTIVITIES

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)
- 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, Chair of the Organization 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

- **Duygu Tuluk**, (M.Sc.), “Boron Carbide Effect on PMMA”, (*Co-Advisor: Prof.Dr. Nilgün Baydoğan*), January 2021-present.
- **Merih Anıl Emir**, (M.Sc.), “Investigation of the effects of different alkali resources used as melting agents on the technological properties of ceramic wall tiles”, June 2020.
- **Selda Nayir**, (Ph.D.), “Cold sintering process on molybdenum disilicite/graphite composite electrodes”, June 2020.
- **Hale Tuğral Arslan**, (Ph.D.), “Hydrothermal growth of ZnO nanowires enhanced characteristic properties”, March 2020. (*Co-Advisor: Prof.Dr. Nilgün Baydoğan*)
- **Mazhar Ümit Büyükfırat**, (Ph.D.), “Shortening the Heat Treatment Processes of Extrusion Molds with Subzero Heat Treatment and Extension of Mold Life with PVD Coating, August 2019.
- **Raşit Sezer**, (Ph.D.), Al-Sr master alloy production from domestic celestite ore and investigating its properties, August 2018.
- **Emre Ulaştı**, (M.Sc.), Investigation of production parameters on mechanical properties of thermo-mechanical rolled S700MC steels, June 2018.
- **Tayfun Bel**, (Ph.D.), Multi-scale self-healing nanocomposite shielding material for aerospace, January 2018. (*Co-Advisor: Prof.Dr. Nilgün Baydoğan*)
- **Ayşegül Bilen**, (M.Sc.), Strontium carbonate production from local celestite concentrate via hydrometallurgical processes, December 2017.
- **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 – 2017: Director, “Production of Al-Sr master alloy for aluminum casting industry from domestic celestite ore”, TUBITAK 1001, Project no: 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. Arslan F., Perek K.T., **Arslan C.**, Çuhadar İ.E., Altun A., “Studies on Acidic Leaching of Waste Mobile Phones”, International Journal of Mineral Processing and Extractive Metallurgy. Vol.7, Issue 2, June 2022, pp. 36-42, doi:10.11648/j.ijmpem.20220702.11
2. Tuluk D., Gül F.B., **Arslan C.**, Baydoğan N., “The behaviour of boron carbide (B₄C) powder on borax/pmma composite surface”, Journal of Nanomaterials & Molecular Nanotechnology, Volume 10, ISSN: 2324-8777, Joint Event on 33rd Nano Congress for Future Advancements & 12th World Congress on Chemistry, April 28, 2021, Webinar, Keynote ([link](#))([PDF](#))
3. **Arslan C.**, Gürmen S., Arslan F., Onuk A.G., “Lab-scale chromium electrowinning in a diaphragm-type cell: effect of anode material and the head (h), SCIREA International Journal of Metallurgical Engineering, Vol.5(1), Feb.2022, pp.1-14, open-access: ([link](#)) DOI: 10.54647/metallurgical45024.
4. Uysal C., Ertürk S., Arslan F., **Arslan C.** “Recovery of Metallic Values in Smart Cards”, Research & Development in Material Science, 16 (1), pp.1775-1778, (2021), DOI: [10.31031/RDMS.2021.16.000878](https://doi.org/10.31031/RDMS.2021.16.000878) (short communication)
5. Tuğral Arslan H., **Arslan C.**, Baydoğan N., “The effects of the curing parameters of the hydrothermal solution on the characteristic properties of ZnO nanowires”, Journal of Optics, (2021), <https://doi.org/10.1007/s12596-021-00757-0>
6. Sezer R. Hızlı İ.G., Bilen A., Ertürk S., Dışpınar D., **Arslan C.**, “Metallothermic Production of Aluminum–Strontium Master Alloy for Modification of Silicon”, Metallography, Microstructure, and Analysis, 9, 833–840 (2020). <https://doi.org/10.1007/s13632-020-00697-4> WOS:000589996700002
7. Sezer R., Bilen A., Hızlı İ.G., Ertürk S., **Arslan C.**, “Effects of Furnace Slope and Rotational Speed on the Carbothermic Reduction of Celestite in a Laboratory-Scale

Rotary Kiln Furnace”. Mining, Metallurgy & Exploration, vol. 37, 1273–1278 (2020).
<https://doi.org/10.1007/s42461-020-00223-8> WOS:000530973500001

8. Perek K.T., Benli B., **Arslan C.**, Arslan F., “Recovery of ZnO from Lead-Zinc Flotation Tailings by Hydrometallurgical Processes –XRD, SEM, and AFM Studies”, Journal of Mining and Metallurgy, 56 A (1), pp.23-35, (2020), DOI: [10.5937/JMMA2001023P](https://doi.org/10.5937/JMMA2001023P)
9. Tuğral Arslan H., **Arslan C.**, Baydoğan N., “Effect of Hydrothermal Solutions on Optical and Electrical Properties of ZnO Nanowires Grown on a ZnO: Al Seed Layer for Improved Mechanical Performance”, Journal of Nanoelectronics and Optoelectronics, 15 (3), 2020, pp. 307-315, DOI: [10.1166/jno.2020.2748](https://doi.org/10.1166/jno.2020.2748), WOS:000541477900001
10. Türk T., Alp İ., Sezer R., **Arslan C.**, “Removal of arsenic from water using copper slag”, Journal of the Southern African Institute of Mining and Metallurgy, vol.120, issue 5, pp. 313-318, May 2020, DOI: [10.17159/2411-9717/766/2020](https://doi.org/10.17159/2411-9717/766/2020)
11. Tuğral Arslan H., Üper O., Özduymuşoğlu T., **Arslan C.**, Baydoğan N., “Optical Model of Sol-Gel Derived Al ZnO Thin Film”, Acta Scientific Ophthalmology, Vol. 2, No. 10, 2019, pp.12-15, ISSN: 2582-3191
12. Bel T., **Arslan C.**, Baydoğan N., “Radiation shielding properties of poly (methyl methacrylate) / colemanite composite for the use in mixed irradiation fields of neutrons and gamma rays”, Materials Chemistry and Physics, Vol. 221, 1 January 2019, Pages 58-67. <https://doi.org/10.1016/j.matchemphys.2018.09.014>
13. Sezer R., **Arslan C.**, “Mechano-chemical conversion of celestite in highly concentrated sodium carbonate media”, Physicochemical Problems of Mineral Processing, 55 (2), 2019, 324-335. DOI: [10.5277/ppmp18134](https://doi.org/10.5277/ppmp18134). (<https://bit.ly/2RSYG1U>)
14. Sezer R., Bilen A., Yılmaz E., Ertürk S., **Arslan C.**, “Investigation of leaching characteristics of celestite concentrate in acidic media and SrCO₃ production via precipitation”, Journal of the Faculty of Engineering and Architecture of Gazi University, 34 (3), 2019, 1409-1416. DOI: [10.17341/gazimmfd.460538](https://doi.org/10.17341/gazimmfd.460538).
15. Bel T., **Arslan C.**, Baydoğan N., “Production of PMMA / Microsphere / Montmorillonite Nanocomposite and PMMA / Microsphere / Halloysite Nanocomposite by Atom Transfer Radical Polymerization Technique and Comparative Investigation of Mechanical Properties” (*PMMA / mikroküre / montmorillonite nanokompozit ve PMMA / mikroküre/halloysite nanokompozitin atom transfer radikal polimerizasyon tekniği ile üretilmesi ve mekanik özelliklerinin karşılaştırmalı olarak incelenmesi*), Journal of the Faculty of Engineering and Architecture of Gazi University, 34 (2), 2019, 687-700, DOI: [10.17341/gazimmfd.416525](https://doi.org/10.17341/gazimmfd.416525)
16. Çelik C., **Arslan C.**, Arslan F., “Recycling of waste electrical cables”, Material Science and Engineering International Journal, 3 (4), 2019, 107-111. ISSN: 2574-9927.
17. Yılmaz E., Ertürk S., **Arslan C.**, Arslan F., “Silver recovery from dental amalgam wastes”, Material Science and Engineering International Journal, 3 (5), 2019, 172-176. ISSN: 2574-9927. (<https://medcraveonline.com/MSEIJ/MSEIJ-03-00109.pdf>)
18. Nayir S., Waryoba D.R., Rajagopalan R., **Arslan C.**, Randall C.A., “Cold Sintering of a Covalently Bonded MoS₂/Graphite Composite as a High Capacity Li–Ion Electrode”, ChemNanoMat. 4 (10), 2018, 1088-1094, ISSN: 2199692X, DOI: [10.1002/cnma.201800342](https://doi.org/10.1002/cnma.201800342).

19. Bel T., Çakar H., Yahya N., **Arslan C.**, Baydoğan N., “Investigation of the Bubble Effect in Lightweight PMMA Polymer”, Defect and Diffusion Forum, ISSN: 1662-9507, Vol. 380, pp 227-231, DOI:10.4028/www.scientific.net/DDF.380.227, November 2017.
20. Sezer R., Hızlı G., Bilen A., Ertürk S., **Arslan C.**, “Effect of Mechanical Activation on Roasting of Celestite Ore”, Yer Altı Kaynakları Dergisi, Journal of Underground Resources, 6 (11), 2017, 53-59. (<https://dergipark.org.tr/tr/download/article-file/366499>)
21. 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.
22. 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.
23. 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.
24. 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.
25. **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.
26. **Arslan C.**, Arslan F., “Recovery of copper, cobalt, and zinc from copper smelter and converter slags”, Hydrometallurgy, Vol. 67, (1), 2002, pp.1-7.
27. 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.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. **Arslan C.**, Duby P., “The Anodic Oxidation of Cr(III) to Cr(VI) in a Laboratory-Scale Chromium Electrowinning Cell”, Hydrometallurgy, 46, April 1997, pp.337-348. [https://doi.org/10.1016/S0304-386X\(97\)00029-7](https://doi.org/10.1016/S0304-386X(97)00029-7)
34. **Arslan C.**, Orhan G., “Investigation of Chrome(VI) Oxide Production from Chromite Concentrates by Alkali Fusion”, International Journal of Mineral Processing, 50, (1997), pp.87-96. DOI: [10.1016/s0301-7516\(97\)00009-4](https://doi.org/10.1016/s0301-7516(97)00009-4)

35. 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. [WOS:A1996VJ64900008](#)
36. 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.
37. 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.
38. Oktaybaş C., Açma E., **Arslan C.**, Addemir O., "Kinetics of Copper Precipitation by H₂S from Sulfate Solutions", Hydrometallurgy, 35, 1994, pp.129-137. DOI: [10.1016/0304-386X\(94\)90024-8](#)

Papers – National

- Büyükfirat M.Ü., **Arslan C.**, "Improvement of wear resistance of extrusion dies by heat treatment and PVD coating method", Metal Dünyası, No. 308, Feb. 2019, pp.61-65.
- 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.

Patent Applications

- Nilgün Baydoğan, Ali Yılmaz, Tayfun Bel, Hassan Soleimani, Noorhana Yahya, Cüneyt Arslan, Hasan Gökçe, Dumitru Ulieru, “Poly (Methyl Methacrylate) Solution Synthesis For Enhanced Oil Recovery”, 2021.

Conference Proceedings

1. Arslan F., **Arslan C.**, “Importance of hydrological and geochemical studies in solution mining”, 17th International Mineral Processing Symposium, Dec.15-17, 2022, İstanbul Türkiye, pp.589-595.
2. Arslan F., **Arslan C.**, Yılmaz M.Y., “Iron removal from drinking and wastewaters by precipitate flotation”, 17th International Mineral Processing Symposium, Dec.15-17, 2022, İstanbul Türkiye, pp.861-868.
3. Arslan F., İlsever E., Can M.F., **Arslan C.**, Çelik M.S., “Removal of boron from wastewaters by membrane supported reverse osmosis system”, 17th International Mineral Processing Symposium, Dec.15-17, 2022, İstanbul Türkiye, pp.965-972.
4. Tuluk D., **Arslan C.**, Baydoğan N., “Investigation of Boron Carbide Behavior on Polymethylmethacrylic”, International Conference on Nuclear Technology, Radiation Safety and Advanced Technological Researches (ICNRA 2021), pp. 165, (2021)
5. Yılmaz E., **Arslan C.**, Arslan F., “Recovery of nickel from laterite leach solution by ion exchange resin”, International Mineral Processing Conference Eurasia 2019, IMPC-EURASIA 2019, 31.10.2019-2.11.2019, Antalya, 607-614, ISSN: 978-975-7946-44-1.
6. Arslan F., Çuhadar İ.E., Perek K.T., **Arslan C.**, Recycling of old mobile phones”, International Mineral Processing Conference Eurasia 2019, IMPC-EURASIA 2019, 31.10.2019-2.11.2019, Antalya, 747-756, ISSN: 978-975-7946-44-1.

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