



نام و نام خانوادگی	فرشته رشچی
مرتبه علمی	دانشیار
آدرس محل کار	---
تلفن	---
فکس	---
پست الکترونیک	rashchi@ut.ac.ir
آدرس وب سایت	---

تحصیلات

- (1) کارشناسی، 1368، شیمی کاربردی، دانشگاه آزاد
- (2) کارشناسی ارشد، 1375، مهندسی معدن، McGill
- (3) دکتری، 1379، مهندسی معدن، McGill

فعالیت‌های اجرایی

- (1) عضو کارگروه تخصصی فرآوری وزارت صنعت، معدن و تجارت، 1386/02/01، 1393/05/15، ایران، تهران
- (2) سرپرست گرایش استخراجی، 1390/08/08، ایران، تهران
- (3) سرپرست آزمایشگاه هیدرومتالورژی، 1392/02/03، 1396/02/03، ایران، تهران
- (4) معاون پژوهشی و تحصیلات تکمیلی، 1393/09/29، 1396/09/29، ایران، تهران

کتاب‌های تالیفی

- (1) رشچی، فرشته، سعید شبیانی و بهزاد غفاری زاده. "بازیافت در متالورژی، جلد اول: بازیافت فلزات از قراضه." تهران: انتشارات جهاد دانشگاهی، 1388.
- (2) رشچی، فرشته، سعید شبیانی و بهزاد غفاری زاده. "بازیافت در متالورژی-بازیافت فلزات از قراضه." : جهاد دانشگاهی، 1388.

مقالات چاپ شده در نشریات بین المللی

- 1) Rashchi, Fereshteh, Zhenghe Xu, and James Finch. "Adsorption on silica in Pb - and Ca - SO₄ - CO₃ systems." Colloids and Surfaces A: Physicochemical and Engineering Aspects 132, no. 3 (1998): 159-171.
- 2) , C Sui, Fereshteh Rashchi, JE Nasset, and JA Finch. "Interactions in the sphalerite - Ca - SO₄ - CO₃ systems." Colloids and Surfaces A: Physicochemical and Engineering Aspects 137, no. 1 (1998): 77-69.
- 3) Rashchi, Fereshteh. "Deactivation of Pb-contaminated Sphalerite by Polyphosphate." Colloids and Surfaces A: Physicochemical and Engineering Aspects 246, no. --- (2000): 41487.0.
- 4) Rashchi, Fereshteh, and J A Finch. "Polyphosphates : A review; Their chemistry and application with particular reference to mineral processing." Minerals Engineering 13, no. 10-11 (2000): 1019-1035.
- 5) Rashchi, Fereshteh, and JA Finch. "Lead - polyphosphate complexes." Canadian Metallurgical Quarterly 41, no. 1 (2002): 1-6.
- 6) Rashchi, Fereshteh, Caroline Sui, and James A Finch. "Sphalerite activation and Surface Pb Ion Concentration." International Journal of Mineral Processing 67, no. 1-4 (2002): 43-58.
- 7) Rashchi, Fereshteh, Jamz Finch, and Carolin Sui. "Action of DETA, dextrin and carbonate on lead - contaminated sphalerite." Colloids and Surfaces A: Physicochemical and Engineering Aspects 245, no. 3 (2004): 21-27.
- 8) , Ali DASHTI, and Fereshteh Rashchi. "Estimation of reagents consumption in lead flotation from a zinc leach residue." Canadian Metallurgical Quarterly 44, no. 4 (2005): 483-488.

- 9) Rashchi, Fereshteh, Ali reza Dashti , Mahmood Arabpour Yazdi , and Hosen Abdizadeh . "Anglesite Flotation: A Study for Lead Recovery from Zinc Leach Residue." *Minerals Engineering* 18, no. 2 (2005): 205-212.
- 10) , Shirin Espiari, Fereshteh Rashchi, and Khatiboleslam Sadrnezhaad . "Hydrometallurgical Treatment of Tailings with High Zinc Content." *HYDROMETALLURGY* 82, no. 1-2 (2006): 54-62.
- 11) , Kamal SABERYAN , Amir Hosein MEYSAMI , Fereshteh Rashchi, and Ehsan ZOLFONOUN . "Proposal of a new Hf/Zr Separation system by the Solvent Extraction method." *Chinese Journal of Chemistry* 26, no. 11 (2008): 2067-2072.
- 12) , Reza Alizadeh, Fereshteh Rashchi, and Ehsan Vahidi . "Recovery of zinc from leach residues with minimum iron dissolution using oxidative leaching." *Waste Management and Research* 29, no. 2 (2010): 165-171.
- 13) Behnajady, bahram, javad moghadam, mohama ali Behnajady, and Fereshteh Rashchi. "Determination of the Optimum Conditions for the Leaching of Lead from Zinc Plant Residues in NaCl-H₂SO₄-Ca(OH)₂ Media by the Taguchi Method." *INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH* 10, no. 51 (2012): 3887-3894.
- 14) Mirnezami, Seyed Vahid, and Fereshteh Rashchi. "Recovery of nickel from spent NiO/Al₂O₃ catalyst through sulfuric acid leaching, precipitation and solvent extraction." *Waste Management & Research* 30, no. 5 (2012): 492-497.
- 15) Ghobeiti HASAB , Mehdi, Fereshteh Rashchi, and Shahram Raygan. "chloride - hypochlorite oxidation and leaching of refractory sulfide gold concentrate." *Physicochemical Problems of Mineral Processing* 49, no. 1 (2012): 61-70.
- 16) Ghobeiti hasab, Mehdi, Fereshteh Rashchi, and Shahram Raygan. "CHLORIDE – HYPOCHLORITE OXIDATION AND LEACHING OF REFRACTORY SULFIDE GOLD CONCENTRATE." *Physicochemical Problems of Mineral Processing* 49, no. 1 (2012): 61-70.
- 17) H Kazemzadeh , Hamid , ALI ataie, and Fereshteh Rashchi. "In Situ Synthesis of Silica-Coated Magnetite Nanoparticles by Reverse Coprecipitation Method." *Journal of Superconductivity and Novel Magnetism* 25, no. 8 (2012): 2803-2808.
- 18) Valighazvini, Farzaneh, Fereshteh Rashchi, and Seyed Rasoul Khayyam Nekouei. "Recovery of Titanium from Blast Furnace Slag." *INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH* 52, no. 4 (2013): 1723-1730.
- 19) Mirazimi, SMJ, Fereshteh Rashchi, and Mojtaba Saba. "Vanadium removal from roasted LD converter slag: Optimization of parameters by response surface methodology (RSM)." *Separation and Purification Technology* 116, no. 1 (2013): 175-183.
- 20) Ghobeiti hasab, Mehdi, Shahram Raygan, and Fereshteh Rashchi. "Chloride-hypochlorite leaching of gold from a mechanically activated refractory sulfide concentrate." *HYDROMETALLURGY* 138, no. 138 (2013): 59-64.
- 21) Ghobeiti hasab, Mehdi, and Fereshteh Rashchi. "Chloride-hypochlorite leaching of gold from a mechanically activated refractory sulfide." *HYDROMETALLURGY* 138, no. 138 (2013): 59-64.
- 22) Ghobeiti hasab, Mehdi, Fereshteh Rashchi, and Shahram Raygan. "Simultaneous sulfide oxidation and gold leaching of a refractory gold concentrate by chloride-hypochlorite solution." *Minerals Engineering* 50-51, no. 50-51 (2013): 140-142.
- 23) Ghobeiti hasab, Mehdi, Fereshteh Rashchi, and Shahram Raygan. "Comparison of Cyanide and Chloride-Hypochlorite Leaching of a Ball Milled Refractory Gold Concentrate with Ultra-Fine Particles." *Advanced Materials Research* 829, no. 829 (2013): 869-873.

- 24) mortazavi, mohamad reza, Fereshteh Rashchi, and Seyed Rasoul Khayyam Nekouei. "Characterization of Nano-Structured Tin Oxide Film Prepared by Anodic Oxidation Process." *Advanced Materials Research* 829, no. 829 (2013): 366-370.
- 25) RAVANBAKHSH, ARSALAN, Fereshteh Rashchi, mohamad hedarzadeh sohi, and Rasoul Khayyam Nekouei. "Synthesis of Nanostructured Zinc Oxide Thin Films by Anodic Oxidation Method." *Advanced Materials Research* 829, no. 829 (2013): 347-351.
- 26) Ravanbakhsh, Arsalan, Fereshteh Rashchi, Mahmoud Heydarzadeh sohi, and Rasoul Khayyam Nekouei. "Synthesis of nanostructured zinc oxide thin films by anodic oxidation method." *Advanced Materials Research* 8, no. 829 (2013): 347-351.
- 27) mortazavi, mohamad reza, Fereshteh Rashchi, and Rasoul Khayyam Nekouei. "Characterization of Nano-structured Tin Oxide Film Prepared by Anodic Oxidation Process." *Advanced Materials Research* 247, no. 829 (2013): 366-370.
- 28) Khayyam Nekouei, Seyed Rasoul, Fereshteh Rashchi, and Arsalan Ravanbakhsh. "Copper nanopowder synthesis by electrolysis method in nitrate and sulfate solutions." *Powder Technology* 250, no. 250 (2013): 91-96.
- 29) babakhani, ataollah, Fereshteh Rashchi, ALIREZA ZAKRI, and EHSAN VAHIDI. "Selective separation of nickel and cadmium from sulfate solutions of spent nickel-cadmium batteries using mixtures of D2EHPA and Cyanex 302." *JOURNAL OF POWER SOURCES* 247, no. 247 (2014): 127-133.
- 30) Ghobeiti hasab, Mehdi, Fereshteh Rashchi, and Shahram Raygan. "Chloride–hypochlorite leaching and hydrochloric acid washing in multi-stages for extraction of gold from a refractory concentrate." *HYDROMETALLURGY* 142, no. 142 (2014): 56–59.
- 31) Nouri, Mahdi, Fereshteh Rashchi, Ataallah Babakhani, and . "Selective recovery and separation of nickel and vanadium in sulfate media using mixtures of D2EHPA and Cyanex 272." *Separation and Purification Technology* 136, no. --- (2014): 265-273.
- 32) Aabkhoshk, Emad, Esmail Jorjani, M.S. Al-Harabsheh, Fereshteh Rashchi, and M. M. Naazeri. "Review of the hydrometallurgical processing of non-sulfide zinc ores." *HYDROMETALLURGY* 149, no. 1 (2014): 153-167.
- 33) Nazari, Elmira, Fereshteh Rashchi, Mojtaba Saba, and SMJ Mirazimi. "Simultaneous recovery of vanadium and nickel from power plant fly-ash: Optimization of parameters using response surface methodology." *Waste Management* 34, no. 12 (2014): 2687-2696.
- 34) Mirazimi, SMJ, Fereshteh Rashchi, and Mojtaba Saba. "A new approach for direct leaching of vanadium from LD converter slag." *CHEMICAL ENGINEERING RESEARCH & DESIGN* 94, no. 94 (2015): 131-140.
- 35) Mirazimi, SMJ, Zahra Abbasalipour, and Fereshteh Rashchi. "Vanadium removal from LD converter slag using bacteria and fungi." *Journal of Environmental Management* 153, no. 1 (2015): 144-151.
- 36) Dezfoolian, Maryam, Fereshteh Rashchi, and Seyed Rasoul Khayyam Nekouei. "Synthesis of copper and zinc oxides nanostructures by brass anodization in alkaline media." *SURFACE and COATINGS TECHNOLOGY* 275, no. 275 (2015): 245-251.
- 37) Fattahi, Azar, Fereshteh Rashchi, and Emad Abkhoshk. "Reductive leaching of zinc, cobalt and manganese from zinc plant residue." *HYDROMETALLURGY* 161, no. 161 (2016): 185-192.
- 38) Azizitorghabeh, Atefeh, Fereshteh Rashchi, and Ataallah Babakhani. "Stoichiometry and structural studies of Fe(III) and Zn(II) solvent extraction using D2EHPA/TBP." *Separation and Purification Technology* 171, no. 1 (2016): 197-205.

39) Azizitorghabeh, Atefeh, Fereshteh Rashchi, Ataallah Babakhani, and Mehdi Noori. "Synergistic extraction and separation of Fe(III) and Zn(II) using TBP and D2EHPA." Separation Science and Technology 52, no. 3 (2016): 476-486.

40) Dashti, Somayeh, Fereshteh Rashchi, Massoud Emamy, and Ehsan Vahidi. "The Influence of Anode Composition on Energy Consumption and Current Efficiency in Zinc Electrowinning." Journal of the Electrochemical Society 164, no. 7 (2017): E166-E172.

41) Sadri, Farzaneh, Fereshteh Rashchi, and . "Hydrometallurgical digestion and leaching of Iranian monazite concentrate containing rare earth elements Th, Ce, La and Nd." International Journal of Mineral Processing 159, no. 159 (2017): 7-15.

42) Karimi, Saeed, Fereshteh Rashchi, and . "Parameters optimization and kinetics of direct atmospheric leaching of Angouran sphalerite." International Journal of Mineral Processing 162, no. 162 (2017): 58-68.

43) Golmohammadzadeh, Rabeeh, Fereshteh Rashchi, and Ehsan Vahidi. "Recovery of lithium and cobalt from spent lithium-ion batteries using organic acids: Process optimization and kinetic aspects." Waste Management 64, no. 64 (2017): 244-254.

44) Karimi, Saeed, Ahmad Ghahreman, Fereshteh Rashchi, and . "The mechanism of electrochemical dissolution of sphalerite in sulfuric acid media." Electrochimica Acta 253, no. 253 (2017): 47-58.

45) Zandi, Pegah, Elham Hosseini, and Fereshteh Rashchi. "Effect of drying environment on grain size of titanium dioxide nano-powder synthesized via sol-gel method." AIP Conference Proceedings 1920, no. 1920 (2018): 020021.

46) Khanlarian, Misagh, Mohammad Heshmat, Fereshteh Rashchi, and Arsalan Ravanbakhsh. "Effect of pulsing current on ZnO thin films microstructure synthesized by anodization." AIP Conference Proceedings 1920, no. 1920 (2018): 020047.

مقالات چاپ شده در نشریات داخلی

1) , A H NAVIDI KASHANI, and Fereshteh Rashchi. "Reagents in zinc recovery from Pb - flotation tailings of Dandy mineral processing plant." Faculty of Engineering University of Tehran 41, no. 8 (2007): 1103-1110.

2) رشچی ، فرشته و جیمز فینچ . "اثر غلظت سطحی سرب بر فعال کردن اسفالریت." نشریه مهندسی متالورژی و مواد ، --- (1382): 6-10.

3) ، مریم اخلاقی ، فرشته رشچی و احسان وحیدی . "تهی سازی حلال آلی دپا از آهن (III) پس از فرآیند استخراج حلالی روی." مهندسی متالورژی 1، 34 (1388): -.

همایش‌های بین المللی

1) Rashchi, Fereshteh, Hosein Abdi Zadeh, and . "Recovery of lead from zinc leach residues of an oxidic ore of Angouran mine." Reagents' 04, Falmouth, June 13-14, 2004 .

2) Rashchi, Fereshteh, Hosein Abdi Zadeh, and . "Anglesite Sulphidization and Flotaion : a Study for Lead Recovery from Residues." Reagents 04, Falmouth, June 16-18, 2004 .

3) Rashchi, Fereshteh, and . "Hydrometallurgical treatment of an oxidic zinc disposed lead-zinc ore in Iran." Mineral Processing Technology (MPT 2005), Dhanbad, January 5-7, 2005 .

4) Rashchi, Fereshteh, and . "kinetics of sulphuric acid leaching of an oxidic disposed lead-zinc ore in iran." PIM05, Falmouth, June 16-17, 2005 .

Using Cyanex 301 in Kerosine." چهاردهمین کنفرانس ملی شیمی تجزیه ایران ، Birjand, August 29-31, 2005 .
5) , , , Fereshteh Rashchi, and . "Solvent Extraction of Zirconium (IV) from Nitric Acid Solution

6) , , , Fereshteh Rashchi, and . "Extractive Separation of Hf (IV) from Zr (IV) at pH 1-4 Using Cyanex 301 in Kerosine." XXIII International Mineral Processing Congress, Istanbul, September 2-3, 2006 .

7) , , Fereshteh Rashchi, and . "Increasing selectivity of Chalcopyrite and Chalcocite Flotation from Pyrite in Sarcheshmeh: Role of Different Collectors." XXIII International Mineral Processing Congress, Istanbul, September 2-3, 2006 .

8) Rashchi, Fereshteh, and . "Effect of flotation reagents in zinc recovery from tailings." Flotation 07, Cape Town, November 5-10, 2007 .

9) Ataie, Abolghasem, , and Fereshteh Rashchi. "Synthesis of magnetite nano-particles by reverse co-precipitation." International Conference on Ultra-fine Grained Nano-particles Structured, Tehran, November 14-15, 2009 .

10) , , Fereshteh Rashchi, , and Navid Mostoufi. "Studies on the separation of zinc and manganese using synergistic mixture of D2EHPA and Cyanex 272." 4th INTERNATIONAL CONGRESS OF CHEMISTRY ENVIRONMENT,, January 21-23, 2010 .

11) , , Fereshteh Rashchi, and . "Stripping of Fe(III) from D2EHPA using different reagents." International mineral processing congress (IMPC, Brisbane, August 6-10, 2010 .

12) , , and Fereshteh Rashchi. "In-Situ Synthesis of Silica Coated Magnetite Nano-Particles by Reverse Co-Precipitation Method." International conference on nanoscale magnetism-2010,, October 28-2, 2010 .

13) Rashchi, Fereshteh, and . "Nickel removal from an aqueous nickel sulfate solution using precipitation and solvent extraction." 4th International perspective on water Resources the Environment, Singapore, January 4-6, 2011 .

14) , , , Fereshteh Rashchi, and . "recovery of metal ions from spent Ni-Cd batteries." 4th International perspective on water Resources the Environment, Singapore, January 4-6, 2011 .

15) , , Fereshteh Rashchi, Mohsen Nouri, and aghtalil babakhani. "Solvent extraction and separation of nickel and vanadium from sulfate leach liquor of power plant fly ash using D2EHPA and Cyanex 272." Solvent extraction and separation of nickel and vanadium from sulfate leach liquor of power plant fly ash using D2EHPA and Cyanex 272, Arlington, January 10-13, 2013 .

16) Gashtiazar, Samaneh, Fereshteh Rashchi, and Seyed Rasoul Khayyam Nekouei. "ICMH and NAMIC 2013." Synthesis and characterization of Ta doped SnO₂ by chemical precipitation method, Isfahan, August 21-23, 2013 .

17) nazari, elah, Fereshteh Rashchi, and Mojtaba Saba. "Optimum Condition of Vanadium Recovery from Power Plant Fly-ash with Considering Nickel Behavior during the Acidic Leaching Process Using Orthogonal Array Design." COM 2013, Montreal, October 2-6, 2013 .

18) Dezfoolian, Maryam, Fereshteh Rashchi, and Arsalan Ravanbakhsh. "Nano structured copper zinc oxide thin film synthesis by anodic oxidation method in alkaline media." The second International and the Seventh Joint Conference of Iranian Metallurgical Engineering Society and Iranian Foundrymen's Scientific Society,, October 30-31, 2013 .

19) mortazavi, mohamad reza, and Fereshteh Rashchi. "Low voltage anodic oxidation of tin foils in acidic electrolyte." The second International and the Seventh Joint Conference of Iranian Metallurgical Engineering Society and Iranian Foundrymen's Scientific Society, Tehran, November 30-1, 2013 .

20) Ghobeiti hasab, Mehdi, Fereshteh Rashchi, and Shahram Raygan. "Comparison of Cyanide and Chloride-Hypochlorite Leaching of a Ball Milled Refractory Gold Concentrate with Ultra-Fine Particles." Ultrafine Grained and Nano-Structured Materials IV, Tehran, November 6-8, 2013 .

21) mortazavi, mohamad reza, Fereshteh Rashchi, and Rasoul Khayyam Nekouei. "Characterization of nano-structured tin oxide film prepared by anodic oxidation process." Ultrafine Grained and Nano-Structured Materials IV, Tehran, November 6-8, 2013 .

- 22) Gashtiazar, Samaneh, Fereshteh Rashchi, and Rasoul Khayyam Nekouei. "Effect of chemical precipitation parameters on the synthesis of Ta doped SnO₂ using design of experiment." Ultrafine Grained and Nano-Structured Materials IV, Tehran, November 6-8, 2013 .
- 23) Ravanbakhsh, Arsalan, Fereshteh Rashchi, Mahmoud Heydarzadeh sohi, and Rasoul Khayyam Nekouei. " Synthesis of nanostructured zinc oxide thin films by anodic oxidation method." Ultrafine Grained and Nano-Structured Materials IV, Tehran, November 6-8, 2013 .
- 24) Dezfoolian, Maryam, Fereshteh Rashchi, and Rasoul Khayyam Nekouei. "Effect of electrochemical parameters on the brass anodization process in NaOH alkaline media." Ultrafine Grained and Nano-Structured Materials IV, Tehran, November 6-8, 2013 .
- 25) Nouri, Mehdi, and Fereshteh Rashchi. "Investigating the synergistic effect of D2EHPA and Cyanex 272 on nickel and vanadium separation." The 8th International Chemical Engineering Congress & Exhibition (IChEC 2014), Kish, February 24-27, 2014 .
- 26) Ravanbakhsh, Arsalan, Fereshteh Rashchi, Mahmoud Heydarzadeh sohi, and Maryam Dezfoolian. " Synthesis of nanostructured ZnO thin film using anodization process in KOH solution." ICNS 5, Kish, March 8-10, 2014 .
- 27) Nouri, Mahdi, Fereshteh Rashchi, Ataallah Babakhani, and . "Mechanism and Thermodynamics of Synergistic Separation of Vanadium and Nickel from Sulfate Media Using D2EHPA and Cyanex 272." International Solvent Extraction Conference (ISEC2014),, September 7-11, 2014 .
- 28) Babakhani, Ataallah, Nastaran Heidari, Fereshteh Rashchi, and Mahdi Nouri. "Recovery of Ni and Cd from Spent Ni-Cd Batteries by Acid Leaching and a Synergistic Solvent Extraction System Using D2EHPA and Cyanex 302." International Solvent Extraction Conference (ISEC2014),, September 7-11, 2014 .
- 29) Fattahi, Azar, Fereshteh Rashchi, and Emad Aabkoshk. "A Kinetic Study on Zinc Recovery from Hot Filter Cake of a Zinc Hydrometallurgy Plate." 14th international mineral processing symposium, Kusadasi, October 11-13, 2014 .
- 30) Sadri, Farzaneh, Fereshteh Rashchi, Mojtaba Saba, Ahmad Amini, and Saeid Heshmati manesh. " Leaching of Cerium, Neodymium and Lanthanum from Monazite Concentrate." 14th international mineral processing symposium, Kusadasi, October 11-13, 2014 .
- 31) Fattahi, Azar, Fereshteh Rashchi, Emad Aabkoshk, and Saeid Heshmati manesh. "Citric acid as a reducing agent for cobalt recovery from zinc plant hot purification residue." 3rd international engineering materials & metallurgy conference (iMat), Tehran, November 18-19, 2014 .
- 32) Nourizadeh,, Helena, Fereshteh Rashchi, SMJ Mirazimi, and Mehdi Noori. "Optimization of Vanadium Recovery from Power Plants Fly Ash in Alkaline Media." Lead-Zinc Symposium 2015, Düsseldorf, June 14-17, 2015 .
- 33) Mahmoodi, Sara, Fereshteh Rashchi, Mehdi Noori, and Ataallah Babakhani. "Solvent extraction and separation of cobalt and lithium using D2EHPA and Cyanex 272." Lead-Zinc Symposium 2015, Düsseldorf, June 14-17, 2015 .
- 34) Azizi, Atefeh, Fereshteh Rashchi, Ataallah Babakhani, and Mehdi Noori. "Synergistic extraction and separation of Fe (III) and Zn (II) using TBP and D2EHPA." Lead-Zinc Symposium 2015, Düsseldorf, June 14-17, 2015 .
- 35) Nourizadeh,, Helena, and Fereshteh Rashchi. "SYNTHESIS OF VANADIUM PENTOXIDE FROM POWER PLANTS FLY ASH LEACHING SOLUTION." XVI Balkan Mineral Processing Congresses, Belgrade, June 16-20, 2015 .
- 36) Beikzadeh Noei, Saman, Saeed Sheibani, Fereshteh Rashchi, and SMJ Mirazimi. "BIOLEACHING KINETICS OF COPPER RECOVERY FROM LOW GRADE COPPER ORE." XVI Balkan Mineral Processing Congresses, Belgrade, June 16-20, 2015 .

37) Golmohammadzadeh, Rabeeh, Fereshteh Rashchi, Mahdi Karimi Jafari, and . "Recovery of lithium and cobalt from spent Li-ion batteries using organic acids as leaching agents." CHISA 2016, Prague, August 27-31, 2016 .

38) Haddadnezhad, Mohammad navid, Fereshteh Rashchi, Seyed Rasoul Khayyam Nekouei, and Mohadese Beigtan. "Synthesis and characterization of thin films iron oxides by anodization method." 6th International Conference on Materials Engineering and Metallurgy, Tehran, October 28-29, 2017 .

39) Beigtan, Mohadese, Fereshteh Rashchi, cyrus zamani, and Mohammad navid Haddadnezhad. "Synthesis and characterization of lance-shaped CuO nanostructures." 6th International Conference on Materials Engineering and Metallurgy, Tehran, October 28-29, 2017 .

40) Khanlarian, Misagh, Mohammad Heshmat, Fereshteh Rashchi, and Arsalan Ravanbakhsh. "Effect of pulsing current on ZnO thin films microstructure synthesized by anodization." UFGNSM, Kish, November 12-13, 2017 .

41) Zandi, Pegah, Elham Hosseini, and Fereshteh Rashchi. "Effect of Drying Environment on Grain Size of Titanium Dioxide Nano-powder Synthesized via Sol-Gel Method." UFGNSM, Kish, November 12-13, 2017 .

همایش‌های داخلی

1) Mostafavi, Melika, Fereshteh Rashchi, SMJ Mirazimi, and Navid Mostoufi. "Copper Recovery from PC Board by Bacteria." The 15th Iranian National Congress of Chemical Engineering (IChEC 2015), Tehran, February 17-19, 2015 .

2) رشچی ، فرشته و JA Finch. "اثر غلظت سطحی سرب بر فعال کردن اسفالریت." ششمین کنگره سالانه انجمن مهندسیین متالورژی ایران، تهران، آبان 21-24، 1381.

3) رشچی ، فرشته و JA Finch. "اثر دی اتیلن تری آمین بر غیرفعالسازی اسفالریت آلوده به سرب." هفتمین کنگره سالانه انجمن مهندسیین متالورژی ایران، تهران، مهر 21-24، 1382.

4) رشچی ، فرشته ، حسین عبدی زاده و عرب پور بزدی. "فلوتاسیون انگلوزیت در حضور کلکتورهای آمیل زانتات پتاسیم و ائروفلوت." هشتمین کنگره سالانه انجمن مهندسیین متالورژی ایران، اصفهان، مهر 22-23، 1383.

5) رشچی ، فرشته و یوزباشی. "استخراج روی از باطله های 0-2 میلیمتر خط فلوتاسیون سرب کارخانه کانه آرایی دندی." هشتمین کنگره سالانه انجمن مهندسیین متالورژی ایران، اصفهان، مهر 22-23، 1383.

6) ذشتی، ، فرشته رشچی و حسین عبدی زاده . "بازیابی سرب از پسماند حاصل از انحلال ماده معدنی اکسید روی." هشتمین کنگره سالانه انجمن مهندسیین متالورژی ایران، اصفهان، مهر 22-23، 1383.

7) صابریان، کمال، فرشته رشچی ، باقر عزیز کلانتری، جواد نصیری فتیده، محمود فیروز زارع و امیرحسین میثمی. "مقایسه استخراج کننده های مایع-مایع مختلف در فرآیند استخراج و جداسازی زیرکونیوم از هافنیم به منظور تولید زیرکونیوم با درجه هسته ای." کنفرانس هسته ای ایران، بوشهر، اسفند 2-3، 1383.

8) رشچی ، فرشته و امیرحسین نویدی کاشانی. "بهینه سازی بازیابی روی از باطله های خط 0 تا 2 میلیمتر کارخانه ی دندی به روش فلوتاسیون." نهمین کنگره سالانه انجمن مهندسیین متالورژی ایران، شیراز، آبان 11-12، 1384.

9) رشچی ، فرشته و افسر اسلامی. "افزایش قابلیت انتخابگری فلوتاسیون کالکوپیریت و کالکوسیت از پیریت در مجتمع مس سرچشمه." نهمین کنگره سالانه انجمن مهندسیین متالورژی ایران، شیراز، آبان 11-12، 1384.

10) رشچی ، فرشته و کمال صابریان. "استخراج حلالی از محلول رقیق اسید نیتریک توسط استخراج کننده سیانکس 301 در کروسین." نهمین کنگره سالانه انجمن مهندسیین متالورژی ایران، شیراز، آبان 11-12، 1384.

11) رشچی ، فرشته ، ع موحیدیان و امیرحسین میثمی. "زیاله های رادیواکتیو و جلوگیری از آلودگی محیط زیست." سومین کنگره همکاری های سه جانبه دولت دانشگاه و صنعت برای توسعه ملی، نجف آباد، خرداد 11-12، 1385.

12) میثمی، امیرحسین، کمال صابریان و فرشته رشچی . "تعیین ضرایب استوکیومتری واکنش استخراج زیرکونیوم و هافنیم در محیط اسید نیتریکی به وسیله استخراج کننده سیانکس 301 در کروسین." دهمین کنگره سالانه انجمن مهندسیین متالورژی ایران، مشهد، مهر 14-16، 1385.

- 13) علیزاده بلوچی، رضا، احسان وحیدی و فرشته رشچی . "مطالعه بهینه سازی شرایط حل سازی جهت استفاده از استخراج خللالی برای بازیابی روی از پسماندهای غنی از روی". دومین همایش مشترک انجمن مهندسی متالورژی و جامعه ریخته گران ایران، تهران، آبان 28-29، 1387.
- 14) رشچی ، فرشته ، محسن اعرابی و احسان وحیدی. "بررسی سینتیک حل سازی وانادیم از سرباره کنورتور ال-دی با استفاده از اسیدسولفوریک". سومین کنگره مشترک متالورژی و ریختگری ایران، کرمان، آبان 26-27، 1388.
- 15) حیدری، نسترن، فرشته رشچی و امیررضا آزاد مهر . "ترسیب انتخابی کادمیم از محلول لیچ اسید سولفوریکی آند باتری های مستعمل نیکل-کادمیومی توسط کریئات سدیم". چهارمین همایش مشترک انجمن مهندسی متالورژی و انجمن علمی ریخته گری ایران، تهران، مهر 24-25، 1389.
- 16) صبا، مجتبی صبا، فرشته رشچی ، سیدضیاء الدین شفائی تنکابنی و جواد مقدم. "تعیین مدل ریاضی لیچینگ نقره از کانی مقاوم طلا با استفاده از روش سطح پاسخ". چهارمین همایش مشترک انجمن مهندسی متالورژی و جامعه ریخته گران ایران، تهران، آبان 24-25، 1389.
- 17) حسینی، الهام، فرشته رشچی ، ابوالقاسم عطائی و پیمان شیرخوانی. "بررسی تاثیر پارامترهای انحلال تیتانیوم از کنسانتره ایلمینیت فعال شده به منظور تهیه دی اکسید تیتانیوم ریزساختار". چهارمین همایش ملی فناوری نانو؛ از تنوری تا کاربرد، اصفهان، بهمن 15-15، 1394.