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EDUCATIONAL INFORMATION:

- Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran, B.Sc. in Polymer Engineering, **1994-1998.**
- Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran, M.Sc. in Polymer Engineering, **1998-2000.**
- Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran, Ph.D. in Polymer Engineering, **2002-2007.**

POSITION HELD:

- Mazda Automotive Company, Tehran, Iran, Polymeric Parts Engineer, 2001-2002.
- Research Institute of Petroleum Industry (RIPI), Tehran, Iran, Senior Researcher, 2007-2011.
- Tarbiat Modares University, Member of Chemical Engineering Faculty, since 2011.

ADMINISTRATION JOBS:

- Member of Post Graduate Council, Research Institute of Petroleum Industry (RIPI), 2008-2011.
- Member of HSE Committee, Tarbiat Modares University, 2017-2021.
- Member of Technical Committee, Iran National Polymer Industries Association, INPIA, since 2013.
- Head of Polymer Engineering Department, Tarbiat Modares University, 2019-2023.
- Member of the sub-committee of audit board, Tarbiat Modares University, since 2024.

COURSES TAUGHT (University):

- Thermodynamics of Polymer Solutions (Ph.D. Course, Tarbiat Modares University)
- Polymer Modification Techniques (Ph.D. Course, Tarbiat Modares University)
- Transport Phenomena in Polymeric Systems (Graduate Course, Tarbiat Modares University)

- ☐ Engineering Properties of Polymers (Graduate Course, Tarbiat Modares University & Islamic Azad University)
- ☐ Advanced Physical Chemistry of Polymers (Graduate Course, Tarbiat Modares University, Amirkabir University of Technology & Islamic Azad University)
- ☐ Polymer Physics (Graduate Course, Tarbiat Modares University)
- ☐ Materials Selection and Product Design (Graduate Course, Tarbiat Modares University)
- ☐ Polymers in Medicine (Graduate Course, Sharif University of Technology)
- ☐ Physical Chemistry of Polymers (Undergraduate Course, Jihad Daneshgahi, Amirkabir University of Technology)
- ☐ Polymer Synthesis (Undergraduate Course, Islamic Azad University)
- ☐ Polymer Technology (Undergraduate Course, Islamic Azad University)
- ☐ General Chemistry (Undergraduate Course, Islamic Azad University)

COURSES TAUGHT (Industry):

- ☐ Fundamental of Polymers
- ☐ Polymer Rheology
- ☐ Polyethylene: Synthesis, Properties, Applications

AWARDS:

- ☐ 6th Kharazmi Young Festival Award, 2003.
- ☐ Distinguished Student of Amirkabir University of Technology (AUT), 2003.

AREA OF INTEREST:

- ☐ Physical Chemistry and Thermodynamics of Polymers
- ☐ Polymer Membranes
- ☐ Modification of Synthetic/Natural Polymers for Different Applications
- ☐ Micro/Nanoparticles Surface Modification
- ☐ Nanoparticles and Nanocomposites

SCIENTIFIC SOCIETY MEMBER:

- ☐ Iran Polymer Society
- ☐ Iran Chemistry & Chemical Engineering Society

JOURNALS' EDITORIAL BOARD:

Member of Editorial Board: Journal of Membrane science and Research

JOURNALS' REVIEWER:

Desalination

The Journal of Physical Chemistry

Separation and Purification Technology

Cellulose

Industrial & Engineering Chemistry Research

Materials and Design

Scientific Reports

Express Polymer Letters

Polymers from Renewable Resources

Journal of Applied Polymer Science

International Journal of Hydrogen Energy

Carbohydrate Polymers

Iranian Journal of Chemical Engineering

Iranian Polymer Journal

LIST OF PUBLICATIONS:

I. Book Chapter

1.A. Sharif, N. Mohammadi and N. Taheri

The Modification of Interphase layer and Adhesion: Tuning and Prediction.

In: Polymer Surface Modification: Relevance to Adhesion, K. L. Mittal (Ed.), CRC Press, Vol. 3, p. 477 (2004).

II: Patents:

1.Wear and sliding resistant floor covering (using waste rubber powder), Iranian Patent no. 46035, 2006.

2.Shock absorbing floor covering with water transport capability, Iranian Patent no. 46036, 2006.

3.Waste chicken feather/polyvinyl chloride blends, Iranian Patent no. 67751, 2009.

4. Waste chicken feather/polyamide 6 blends, Iranian Patent no. 67644, 2009.

5. Polyethylene modified starch for biodegradation of polyethylene, Iranian Patent no. 68100, 2010 (*Certified by Iranian research organization for science and technology, IROST*).

6. Polyvinyl acetate grafting on waste chicken feather, Iranian Patent no. 9403846, 2015 (*Certified by Iranian research organization for science and technology, IROST*)

III:Journal Papers:

1. A. Sharif, N. Mohammadi, M. Nekoomanesh and Y. Jahani, The Role of Interfacial Interactions and Loss Function of Model Adhesives on their Adhesion to Glass. J. Adhesion Sci. Technol. 16, 33 (2002).

2. A. Sharif, N. Mohammadi, M. R. Moghbeli and E. Zanjirian, Heterogeneity in the Strength of Interfacial Bonds and Resultant Synergism in Promoting SBR / Polyurethane Adhesion Strength. J. Adhesion. Sci. Technol. 17, 1727 (2003).

3. A. Sharif, N. Mohammadi and S. R. Ghaffarian, Practical Work of Crack Growth and Environmental Stress Cracking Resistance of Semi-Crystalline Polymers. *J. Appl. Polym. Sci.*, 110., 2756 (2008).
4. Sharif, A.; Mohammadi, N.; Ghaffarian, S. R. Model Prediction of the ESCR of Semi-crystalline Polyethylene: Melt Cooling Rate Effects. *J Appl Polym. Sci*, 112, 3249 (2009).
5. SH. Akhlaghi, A. Sharif, MR. Kalaei, MR. Manafi, Miscibility and Thermal Behavior of Poly(vinyl chloride)/Feather Keratin Blends, *J Appl Polym. Sci*, 121, 3252, 2011.
6. A. Sharif, J. Aalaie, H. Shariatpanahi, H. Hosseinkhanli, A. Khoshniyat, Study on the Structure and Properties of Nanocomposites Based on High-density Polyethylene/Starch Blends. *J. Polym Research*, 18, 1955, 2011.
7. A. Khoshniyat, A. Hashemi, S. Sahari, A. Sharif, M. Shamsipur, Investigation of Interactions of Cationic and Anionic polyacrylamides with modified nanoclays by Potentiometric Sensors *Sensor letters*, 9, 1814, 2011.
8. A. Khoshniyat, A. Hashemi, A. Sharif, J. Aalaie, and C. Duobis, Effect of surface modification of bentonite nanoclay with polymers on its stability in an electrolyte solution, *Polymer Science series B*, 54, 61, 2012.
9. Sh Akhlaghi, A. Sharif, M. Kalaei, Ali Nourid and M. Manafi, Morphology, nanomechanical and thermodynamic surface characteristics of nylon 6/feather keratin blend films: an atomic force microscopy investigation, *Polymer International* 61, 646, 2012.
10. Akhlaghi, S., Sharif, A., Kalaei, M., Elahi, A., Pirzadeh, M., Mazinani, S., Afshari, M. Effect of stabilizer on the mechanical, morphological and thermal properties of compatibilized high density polyethylene/ethylene vinyl acetate copolymer/organoclay nanocomposites *Materials and Design*, 33, 273, 2012.
11. Sharif, A., Koolivand, H., Khanbabaie, G., Hemmati, M., Aalaie, J., Kashani, M.R., Gheshlaghi, A. Improvement of CO₂/CH₄ separation characteristics of polyethersulfone by modifying with polydimethylsiloxane and nano-silica *J. Polym research*, 19, art.no.9916, 2012.
12. Akhlaghi, S., Kalaei, M., Mazinani, S., Jowdar, E., Nouri, A., Sharif, A., Sedaghat, N. Effect of zinc oxide nanoparticles on isothermal cure kinetics, morphology and mechanical properties of EPDM rubber, *Thermochimica Acta* 527, 91, 2012.
13. Kalaei, M., Akhlaghi, S., Mazinani, S., Sharif, A., Jarestani, Y.C., Mortezaei, M. Effect of ZnO nanoparticles on kinetics of thermal degradation and final properties of ethylene-propylene-diene rubber systems *Journal of Thermal Analysis and Calorimetry* 110, 1407, 2012.
14. H. Fazilat, Sh. Akhlaghi, M. E. Shiri, A. Sharif, Predicting thermal degradation kinetics of nylon6/feather keratin blends using artificial intelligence techniques, *Polymer*, 53, 2255 (2012).
15. Hosseinkhanli, H., Sharif, A., Aalaie, J., Khalkhali, T., Akhlaghi, S. Oxygen permeability and the mechanical and thermal properties of (low-density polyethylene)/poly (ethylene-co-vinyl acetate)/organoclay blown film nanocomposites, *Journal of Vinyl and Additive Technology* 19, 132, 2013
16. Sharif, A., Aalaie, J., Shariatpanahi, H., Hosseinkhanli, H., Khoshniyat, A. Fabrication of a novel polyethylene/starch blend through mediation of a high-energy ball milling process: Mechanical properties and formation mechanism. *J Appl Polym. Sci*, 128, 145, 2013.
17. Alamdarnejad, G., Sharif, A., Taranejoo, S., Janmaleki, M., Kalaei, M.R., Dadgar, M., Khakpour, M. Synthesis and characterization of thiolated carboxymethyl chitosan-graft-cyclodextrin nanoparticles as a drug delivery vehicle for albendazole, *Journal of Materials Science: Materials in Medicine* 24, 1939, 2013.
18. Hajizadeh, A., Bahramian, A.R., Sharif, A. Effect of rubber modification on the morphology and properties of Novolac nanostructures, *Advanced Materials Research*, 829, 41, 2014.
19. Shirdast, A., Sharif, A., Abdollahi, M. Prediction of proton conductivity of graphene oxide-containing polymeric membranes, *International Journal of Hydrogen Energy*, 39, 1760, 2014.
20. Hajizadeh, A., Bahramian, A.R., Sharif, A. Investigation of the effect of sol concentration on the microstructure and morphology of Novolac hyperporous, *Journal of Non-Crystalline Solids*, 402, 53, 2014.
21. Koolivand, H., Sharif, A., Kashani, M.R., Karimi, M., Salooki, M.K., Semsarzadeh, M.A. Functionalized graphene oxide/polyimide nanocomposites as highly CO₂-selective membranes, *J. Polym research*, 21, 2014.
22. Shahabadi, R., Abdollahi, M., Sharif, A. Preparation, characterization and properties of polymer electrolyte nanocomposite membranes containing silica nanoparticles modified via surface-initiated atom transfer radical polymerization, *International Journal of Hydrogen Energy*, 40, 3749, 2015.
23. Taherkhani, Z., Abdollahi, M., Sharif, A. A thermodynamic approach to model proton conductivity of Nafion- 117 membranes: Temperature and water content effects, *J. Electrochem. Soc.*, 162, F1096-F1100, 2015.
24. A. Khoshniyat, A. Sharif, J. Aalaie, Experimental and Thermodynamic Investigation of the Stability of Copolymer Grafted Bentonite Nanoclays in a High Salinity Electrolyte, *Polymer Science series A.*, 57, 883, 2015.
25. Shirdast, A., Sharif, A., Abdollahi, M., Effect of the incorporation of sulfonated chitosan/sulfonated graphene oxide on the proton conductivity of chitosan membranes, *J. Power Sources*, 306, 541, 2016.

26. Koolivand, H., Sharif, A., Chehraz, E., Kashani, M.R., Paran, S.M.R., Mixed-Matrix Membranes Comprising Graphene-Oxide Nanosheets for CO₂/CH₄ Separation: A comparison between glassy and rubbery polymer matrices., *Polymer Science series A* 58, 801, 2016.
27. A. Seifi, A.R. Bahramian, A. Sharif Correlation between structure and oxidation behavior of carbon aerogels, *J. Energy Storage*, 7, 195, 2016.
28. Mohammad Khalaj, Ahmad Allahbakhsh, Ahmad Reza Bahramian, Alireza Sharif, Structural, mechanical and thermal behaviors of novolac/graphene oxide nanocomposite aerogels, *Journal of Non-Crystalline Solids*, 460, 19, 2017.
29. M. Bakhshi, M. Ozeiri, A. Sharif, and J. Aalaie, Effect of hydrophobic modification on the structure and rheology of aqueous and brine solutions of scleroglucan polymer, *Kor. J. Chem. Eng.*, 34, 903, 2017.
30. Z. Taherkhani, M. Abdollahi, A. Sharif, Synthesis and microstructural characterization of low to high molecular weight poly(vinylphosphonic acid)s: of molecular weight and temperature on acidity and polyelectrolyte behavior, *J. Polym. Res.*, 24, 132, 2017.
32. E. Chehraz, A. Sharif, M.R. Omidkhah, M. Karimi, Modeling the Effects of Interfacial Characteristics on Gas Permeation Behavior of Nanotube-Mixed Matrix Membranes, *ACS Applied Materials and Interfaces*, 9, 37321, 2017.
33. A. Sharif, Polymeric gas separation membranes: What makes them industrially more attractive? *J. Membr. Sci. Res.*, 4, 2, 2018.
34. F. Samani, A. R. Bahramian, A. Sharif, Shape-stable phenolic/polyethylene glycol phase change material: kinetics study and improvements in thermal properties of nanocomposites , *Iranian Polymer Journal*, 27, 495, 2108.
35. M. Noroozi, M. Panahi-Sarmad, A.R. Bahramian, A. Sharif, Theoretical investigation of heat transfer in structurally graded silica aerogels with pores diameter changing, *Journal of Thermal Analysis and Calorimetry*, In press, 2018.
36. M. Yousefian-Arani, A. Sharif, A. R. Bahramian, Semi-aromatic polyamide-based nanocomposites: I. in-situ polymerization in the presence of graphene oxide, *Polymer Bulletin*, In press, 2018.
37. A. Seifi, A.R. Bahramian, A. Sharif, Thermal oxidation process of in-situ silicon carbide incorporated carbon aerogel, experimental and kinetic study, *Corrosion Science*, 142, pp. 175-184, 2018.
38. Z Taherkhani, M Abdollahi, A Sharif, Proton conducting porous membranes based on poly (benzimidazole) and poly (acrylic acid) blends for high temperature proton exchange membranes, *Solid State Ionics* 337, 122-131, 2019.
39. A Seifi, AR Bahramian, A Sharif, Relationship of nanostructure and thermochemical response/thermal ablation of carbon aerogels, *Experimental Heat Transfer* 32 (4), 303-321, 2019.
40. S Taherian, S Rahmani, A Sharif, A Zeinolebadi, M Abdollahi, In-situ polymerization of aliphatic-aromatic polyamide nanocomposites in the presence of Halloysite nanotubes, *Polymers for Advanced Technologies* 30 (3), 538-544, 2019.
41. M Ozeiri, J Aalaie, A Sharif, Effect of hydrophobic modification of scleroglucan on its adsorption behavior onto carbonate rock surface of oil reservoir, *Journal of Applied Research of Chemical-Polymer Engineering* 2 (3), 51-64, 2019.
42. M Noroozi, M Panahi-Sarmad, AR Bahramian, A Sharif, Theoretical investigation of heat transfer in structurally graded silica aerogels with pores diameter changing, *Journal of Thermal Analysis and Calorimetry* 135 (3), 1713-1721, 2019.
43. DP Gohari, MR Kalae, A Sharif, Interfacial In Situ Polymerization of LayeredSilicate/Poly (Hexamethylene Isophthalamide) Nanocomposites, *Journal of Inorganic and Organometallic Polymers and Materials*, 1-9, 2019.
44. M Nazmabadi, A Shirdast, A Sharif, J Aalaie, Aqueous/brine solutions viscosity and surface properties of hydrophobically modified scleroglucans: Role of grafted chain length *Carbohydrate Polymers* 229, 115519, 2020.
45. Z Taherkhani, M Abdollahi, A Sharif, A Predictive Thermodynamic-Based Model for Proton Conductivity of Proton Exchange Membranes based on Poly (Benzimidazole)/Poly (Acrylic Acid) Blend *Journal of the Electrochemical Society*, 167, 104503, 2020.
46. J Azizi, A Sharif, Optimization of water flux and salt rejection properties of polyamide thin film composite membranes *Journal of Applied Polymer Science* 137 (28), 48858, 2020.
47. E Chehraz, A Sharif, M Karimi, Rational Design of Halloysite Surface Chemistry for High Performance Nanotube-Thin Film Nanocomposite Gas Separation Membranes *ACS Applied Materials & Interfaces*, 12, 37527, 2020.
48. M Kamali, F Gharibi, A Sharif, A systematic study on the effects of synthesis conditions of polyamide selective layer on the CO₂/N₂ separation of thin film composite polyamide membranes, *Journal of Applied Polymer Science*, 50927, 2021.
49. Z Taherkhani, M Abdollahi, A Sharif, S Barati, Poly (benzimidazole)/ poly (vinylphosphonic acid) blend membranes with enhanced performance for high temperature polymer electrolyte membrane fuel cells, *Solid State Ionics* 364, 115635, 2021.
50. MR Ghadikolaee, AH Korayem, A Sharif, YM Liu, The halloysite nanotube effects on workability, mechanical properties, permeability and microstructure of cementitious mortar, *Construction and Building Materials*, 267, 120873, 2021.
51. N Saadatkish, J Karimi-Sabet, A Sharif, A molecular dynamics simulation study on the solubilities of monomers of a PIM-1 polymer in supercritical carbon dioxide, *Chemical Papers* 76 (5), 2981-2989, 2022.
52. S Rahmani, A Sharif, A Habibnejad Korayem, Dispersion stability of chitosan grafted graphene oxide nanosheets in cementitious environments and their effects on the fluidity of cement mortar nanocomposites, *Journal of Applied Polymer Science* 139 (19), 52095, 2022.

53. M Yousefian-Arani, A Sharif, M Karimi, Thermodynamic analysis of polymeric membrane formation by non-solvent induced phase separation in the presence of different nanoparticles, *Journal of Molecular Liquids* 362, 119732, 2022.
54. A Shirdast, B Davoodi, J Aalaie, P Zhang, A Sharif, Tuning of scleroglucan adsorption on carbonate surfaces via grafting alkyl side chains of different lengths: a theoretical and experimental study, *Soft Matter*, 19 (20), 3661- 3674, 2023.
55. Z Sanei, T Ghanbari, A Sharif, Polyethylene glycol-grafted graphene oxide nanosheets in tailoring the structure and reverse osmosis performance of thin film composite membrane, *Scientific Reports* 13 (1), 16940, 2023.
56. M Aghajohari, H Fazeli-Khosh, M Adibi, A Sharif, Thin Film Composite Membrane Comprising Ionic Liquid/Graphene Oxide in the Selective Layer for Enhanced CO₂ Separation, *ACS Applied Polymer Materials* 6 (5), 2576-2585, 2024.
57. A Shirdast, A Sharif, Predicting Nanoparticle Arrangement in Membranes Formed by Nonsolvent -Induced Phase Separation Using the Combined SCFT/DFT Approach, *Macromolecules* 57 (5), 2490-2504, 2024.
58. A Shirdast, A Sharif, Fouling resistant polyvinyl chloride ultrafiltration membranes containing functionalized chitosan nanoparticles, *Separation and Purification Technology* 359, 130616, 2025.
59. N Savarolia, A Sharif, MHN Famili, Simultaneous Spin-Coating and Interfacial Polymerization for Overcoming the Gas Permeability-Selectivity Trade-off of Thin-Film Nanocomposite Membranes, *ACS Applied Polymer Materials*, 7, 3, 1493–1502, 2025.
60. M Yousefian-Arani, A Sharif, M Karimi, Modification of thin film composite membranes substrate by graphene oxide nanosheets and carbon nanotubes for forward osmosis desalination, *Journal of Molecular Liquids* , In Press, 2025.
61. T. Ghanbari, A Sharif, M Karimi, Polysulfone substrates modified with polyethylene glycol-grafted graphene oxide nanosheets for enhanced forward osmosis performance, *Chemical Engineering Research and Design*, In Press, 2025.

III:International Conferences

1. A. Sharif, N. Mohammadi, M. R. Moghbeli M. Jamshidi and E. Zanjirian Heterogeneity in Interfacial Bonding and Resultant Synergism in Polymer - Polymer Adhesion Strength. 4th Rubber Bonding Conference, p. 217, Cologne, Germany (2001).
2. A. Sharif, N. Mohammadi, M. Khorasani and M. Yavarizadeh, Fiber Spinning From Polystyrene Latex: Coalescence Phenomenon Polymer Colloids Conference Irsee, Germany (2002)
3. A. Sharif, M. Rafizadeh, M. Paran and V. Haddadi-Asl, Mathematical Modeling of Free Radical Solution Polymerization of Methyl Methacrylate in Batch Reactor. Fifth Seminar on Polymer Science and Technology, P. 556, Tehran, Iran (2000).
4. I. Amiri Omarae, N. Mohammadi, R. Bagheri, N. Taheri Qazvini and A. Sharif The tuning of dynamical-mechanical and Sound absorption Properties of a PMMA/NBR Interpenetrating Network 6th Iranian seminar on Polymer Science and Technology (ISPST 2003), 12-15 May, 2003, Tehran, Iran.
5. H. Hossein Khanli, N. Mohammadi, A. Sharif and F. Rekabdar Rheological Characterization of the Phase Behavior of Polyethylene Blends 4th International Conference on Polymer Science and Technology (ISPST 2005), 27-29 September, 2005, Tehran, Iran
6. A. Sharif, N. Mohammadi and S. R. Ghaffarian Comparison of Flory-Huggins Model, Its Modified Version and LCT in Predicting a Real Polyethylene Blend Phase Diagram 8th International Conference on Polymer Science and Technology (ISPST 2007), 23-25 October, 2007, Tehran, Iran
7. A. Sharif et al., Optimization of the mechanical properties of HDPE/EVA nanocomposite using Taguchi method 8TH HELLENIC POLYMER SOCIETY SYMPOSIUM HERSONISSOS CRETE, GREECE, p. 160, 24 – 29 OCTOBER, 2010.
8. A. Sharif et al., Investigation of the morphology and thermal properties of HDPE/EVA based nanocomposites 8TH HELLENIC POLYMER SOCIETY SYMPOSIUM HERSONISSOS CRETE, GREECE, p. 209, 24 – 29 OCTOBER, 2010.
9. A. Sharif, Gh. Khanbabaie, M. Hemmati, J. aalaie, A. Gheshlaghi and M. Asghari Enhancement to the CO₂/CH₄ selectivity of polyethesulfone composite hollow fiber membranes by incorporation of silica nanoparticles ICONT 2011 (Malasya).
10. Sh. Akhlaghi, M. Kalae, S. Mazinani, A. Sharif, Study the Role of Nano-sized CaCO₃ on the Cure Kinetic of Polyester/Epoxy Hybrid Coating , 27th World Congress of the Polymer Processing Society (PPS-27); , Morocco , 10 May2011, 14 May 2011.
11. Sh. Akhlaghi, M. Kalae, S. Mazinani, A. Sharif, Correlating Morphology and Mechanical Properties of Vinyl Ester Resin/Montmorillonite Nanocomposites , 27th World Congress of the Polymer Processing Society (PPS-27); , Morocco , 10 May2011, 14 May 2011.
12. Sh. Akhlaghi, M. Kalae, S. Mazinani, A. Sharif, Effects of Organoclay on Cure Kinetics of the Vinyl Ester Resin Using Rheological Methods, 27th World Congress of the Polymer Processing Society (PPS-27); , Morocco , 10 May, 2011.

13. M. Kalaei, Sh. Akhlaghi, S. Mazinani, A. Sharif, The Effect of Nano-Sized Zinc Oxide on the Cure Behavior and Properties of Ethylene Propylene-diene Rubber, 27th World Congress of the Polymer Processing Society (PPS-27); , Morocco 10 May 2011.
14. Homayoon Hosseinkhanli, Alireza Sharif, Jamal Aalaie, Talat Khalkhali, Mehrdad Shojaee and Farah Sarabi Rheological, Mechanical, and Oxygen Barrier Properties of Polymer/layered Silicate Nanocomposite Films based upon PE and EVA, PPS 2011, Kish Island, Iran, November 15-17, 2011.
15. Shahin Akhlaghi, Alireza Sharif, Mohammadreza Kalaei, Ali Nouri and Mohammadreza Manafi, On the Phase Inversion Phenomenon in a Feather Keratin/Nylon 6 Blend as Deduced from Atomic Force Microscopy, PPS 2011, Kish Island, Iran, November 15-17, 2011.
16. Khoshnizat A., Sharif A., Hashemi A., Aalaie J. Hemmati M., Thermodynamic Investigation of the Stability of Copolymer Grafted Bentonite Nanoclays in an High Salinity Polyelectrolyte, PPS 2011, Kish Island, Iran, November 15-17, 2011.
17. Khoshnizat A., Sharif A., Moalemi H., Malmir S., Jarrahi K., Montazeri G., Abbasi H., Wellbore Stability in Shale Formation: Modeling the Effects of Polymers in the Drilling Fluids Formulation, PPS 2011, Kish Island, Iran, November 15-17, 2011.
18. Ghazaleh Alamdarnejad, Alireza Sharif, Mohsen Janmaleki, Mohsen Dadgar, Preparation and characterization of thiolated carboxymethyl chitosan- β -cyclodextrin nanocarriers for oral controlled delivery of hydrophobic drugs, PPS 2011, Kish Island, Iran, November 15-17, 2011.
19. Ghazaleh Alamdarnejad, Alireza Sharif, Mohsen Janmaleki, Shahrouz Taranejoo, Mohsen Dadgar, Preparation, characterization, in vitro mucoadhesive and release study of thiolated carboxymethyl chitosan- β -cyclodextrin nanoparticles for controlled delivery of hydrophobic drugs, 14th international conference, Polymers and Organic Chemistry, Qatar, POC 2012.
20. Hadis Koolivand, Alireza Sharif, Mehdi Razzaghi Kashani and SMR Paran Poly (dimethylsiloxane)/graphene oxide nanocomposite membranes for CO₂/CH₄ separation, ISPST 2012, Amirkabir University of Technology, Tehran, Iran, 2012.
21. Maryam Bakhshi, Alireza Sharif, Jamal Aalaie, Tuning Surface Tension Properties of Aqueous Scleroglucan Solutions via Chemical Modification, 11th ISPST, Tehran, Iran, 6-9 October 2014.
22. Abbas Shirdast, Alireza Sharif and Mahdi Abdollahi, "Effect of Sulfonated Graphene Oxide Loading on the Physico-Mechanical Properties of Chitosan/Chitosan Sulfate Blend Membranes" 15th international conference, Polymers and Organic Chemistry, Romania, POC 2014.
23. Abbas Shirdast, Alireza Sharif and Mahdi Abdollahi, "Enhanced Proton Conductivity of Chitosan/Functionalized Graphene-Oxide Nanocomposite Membranes: Theory and Experiment, 11th ISPST, Tehran, Iran, 6-9 October 2014.
24. Mahdi Abdollahi; Rasoul Shahabadi; Alireza Sharif, " Graft Polymerization Of Hydrophilic Sulfonated Monomers Onto Silica Nanoparticles Via Atom Transfer Radical Polymerization", IChEC2014, Feb. 24-27, 2014, Kish Island, 2014.
25. Zohre Taherkhani, Mahdi Abdollahi, Alireza Sharif, "Thermodynamic investigation of the proton conductivity of a phosphoric acid-doped polybenzimidazole membrane" 7th Iranian Fuel Cell Seminar, Feb. 26-27, Qeshm, Iran, 2014.
26. Rasoul Shahabadi, Mahdi Abdollahi, Alireza Sharif "Preparation and Properties of Poly(Vinyl Alcohol)-Based Membrane Containing Montmorillonite Modified with Sulfonated Polymers" 11th ISPST, Tehran, Iran, 6-9 October 2014.
27. Zohre Taherkhani, Alireza Sharif, Mahdi Abdollahi, and Mohammad Mahdi Hasani-Sadrabadi "Predicting the effect of temperature and water content on proton conductivity of Nafion membrane" 11th ISPST, Tehran, Iran, 6-9 October 2014.
28. Saeed Rezaie, Alireza Sharif, Ehsan Chehrazhi and Mohammad Karimi Influence of Top Layer Structure on Thin Film Composite Membranes by Interfacial Polymerization for Gas Separation, 9th International Chemical Engineering Congress & Exhibition (IChEC 2015) Shiraz, Iran, 26-28 December, 2015.
29. M. Ozeiri, A. Sharif, J. Aalaie, M. Bakhshi Synthesis and Dilute Solution Viscometry of Chemically Modified Scleroglucans, 9th International Chemical Engineering Congress & Exhibition (IChEC 2015) Shiraz, Iran, 26-28 December, 2015.
30. Z. Taherkhani, Mahdi Abdollahi, Alireza Sharif, Mohammad Mahdi Hasani-Sadrabadi, Preparation, characterization and properties of proton conducting membranes based on Poly(benzimidazole) and Poly(acrylic acid) blends, MST Tehran, Iran, 2015.
31. M. Yousefian Arani, A. Sharif, A.R. Bahramian, Preparation and Characterization of Graphene Oxide/Aliphatic-Aromatic Polyamide Nanocomposites by In-situ Interfacial Polymerization, 6th International Conference on Nanostructures (ICNS6) 7-10 March, Kish Island, Iran. 2016.
32. M. Nazmabadi, A. Sharif, J. Aalaie, Hydrophobically Modified Scleroglucans via Acyl Chlorides with Different Alkyl Chain Lengths ISPST 2016, Islamic Azad University, Tehran, Iran, 2016.
33. M. Khalaj, A. R. Bahramian, A. Sharif, Thermal effect of graphene oxide on phenolic aerogel nanocomposites, ISPST 2016, Islamic Azad University, Tehran, Iran, 2016.

34. M. Khalaj, A. R. Bahramian, A. Sharif, Morphology and structure of phenolic/graphene oxide aerogel nanocomposites, 6th Int. Conf. Nansci. Nanotech., 2016.
35. F. Samani, A. R. Bahramian, A. Sharif, Effect of clay exfoliation on nanocomposite char yield based on PEG, 6th international congress on nanoscience and nanotechnology, 2016, Kashan University.
36. F. Samani, A. R. Bahramian, A. Sharif, Effect of nano clay on phase change materials supercooling based on PEG, 6th international congress on nanoscience and nanotechnology, 2016, Kashan University.
37. F. Samani, A. R. Bahramian, A. Sharif, Kinetics study of phenolic in situ polymerization in molten PEG, 12th International Seminar on Polymer Science and Technology 2-5 November 2016, Islamic Azad University, Tehran, Iran.
38. F. Samani, A. R. Bahramian, A. Sharif, Morphology and structure of phenolic/graphene oxide aerogel nanocomposites, 6th international congress on nanoscience and nanotechnology, 2016, Kashan University.
39. F. Samani, A. R. Bahramian, A. Sharif, Performance of capsulated PEG as shape stabilized thermal energy storage material, The 3rd International Conference and Exhibition on Solar Energy ICES-2016 5-6 September, 2016, University of Tehran, Tehran, Iran
40. F. Samani, A. R. Bahramian, A. Sharif, Thermal diffusivity behavior of capsulated PEG as shape stabilized thermal energy storage material, 12th International Seminar on Polymer Science and Technology 2-5 November 2016, Islamic Azad University, Tehran, Iran.
41. Niloufar Saadarkish, Javad Karimi-Sabet, Alireza Sharif, Molecular dynamics investigation of the interactions between the monomers of a polymer of intrinsic microporosity and supercritical CO₂, The 10th International Chemical Engineering Congress & Exhibition, IChEC 2018, Isfahan, Iran, 2018.
42. A. Shirdast, Alireza Sharif, International Seminar of Polymer Science and Technology ISPST 2024.
43. H. Fazeli-Khosh, Alireza Sharif, International Seminar of Polymer Science and Technology ISPST 2024.
44. H. Rezaie, A. Sharif, S. M. R. Paran, International Seminar of Polymer Science and Technology ISPST 2024.
45. S. M. H. Hosseini-Ramsheh, A. Sharif, International Seminar of Polymer Science and Technology ISPST 2024.
46. M. Karami, A. Amirnaderi, A. Sharif, S. M. R. Paran, International Seminar of Polymer Science and Technology ISPST 2024.
47. F. Mahdavi, A. Sharif, G. Khanbabaie, International Seminar of Polymer Science and Technology ISPST 2024.
48. H. Alkhafaji, A. Sharif, M. Ghahramani, International Seminar of Polymer Science and Technology ISPST 2024.