CURRICULUM VITAE

SHADPOUR MALLAKPOUR

(*Previous Name: Shadpour E. Mallakpour)

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Google Scholar Profiles

http://scholar.google.com/citations?user=aZ-gAxgAAAAJ&hl=en

DATES & PLACE OF BIRTH: June, 4, 1953, Rasht, Gilan, I.R.Iran

CITIZENSHIP: I. R. Iran

POSITION: Sept. 2003- July 2004 Visiting Professor, Virginia Tech, Blacksburg, USA. Sept. 1994-July 1995 Visiting Professor, University of Mainz, Germany. August 1986-October 1993 Assistant Professor (IUT). October 1993-December 1998 Associate Professor (IUT). **December 1998 full professor (IUT).**

MARITAL STATUS: Married, Three children

PROFESSIONAL OBJECTIVE: Teaching and Research position in Organic Polymer Chemistry.

EDUCATION: 1984-1986 Postdoctoral Associate

ADVISOR: Professor George B. Butler

RESEARCH TITLE: Polymerization Via Electrophilic Aromatic Substitution.

1979-1984: Ph.D in Organic Polymer Chemistry, Center for Macromolecular Science and Engineering and Department of Chemistry, University of Florida, Gainesville, Florida, 32611, U.S.A. with GPA 3.73/4.00.

DISSERTATION TITLE: Synthesis of Alternating Copolymers and optically Active Polymers Via Diels-Alder and Ene Reactions Using N-Substituted Triazolinediones.

ADVISOR: Professor George B. Butler

1976-1978: M.S, Organic Polymer Chemistry, Eastern Michigan University, Ypsilanti, Michigan, 48197, U.S.A. with GPA 3.82/4.00

THESIS TITLE: Reaction Intermediates: The Generation and Trapping of 3,4,3',4'-Tetradehydrobiphenyl (Bisbenzyne) from 3,3'-Dicarboxybenzidine.

ADVISOR: Professor Jerry R. Williamson

UNDERGRADUATE: 1971-1975 B.S, Chemistry, Department of Chemistry, Shahid Beheshti University, Tehran, I.R.Iran.

EXPERIENCE:

August 1986-up to now:

Teaching Advanced Polymer Chemistry, Advanced Organic Chemistry, Physical Organic Chemistry, Synthesis of Organic Chemistry, Organic Chemistry I, II and III, General Chemistry, Organic Chemistry for Agricultural Major, Principles of Polymerization, Spectroscopic Methods for Identification of Organic Compounds, and Properties, Application of Natural Polymers, Heterocyclics and Organic Reactive Intermediates. Synthesis and Application of Functionalized Polymers.

August 1982-1984:

Graduate Research Assistant with Professor George B. Butler.

August 1979-1982:

Graduate Teaching Assistant for General Chemistry and Organic Chemistry Laboratories and Discussion class for Organic Chemistry, Department of Chemistry, University of Florida, Gainesville, Florida, 32611, U.S.A.

August 1976-1978:

Graduate Teaching Assistant for General Chemistry and Organic Chemistry Laboratories, Eastern Michigan University, Ypsilanti, Michigan, 48197, U.S.A.

AWARDS:

Nov 2019: 5th national conference of polymer, Isfahan University, Isfahan.

Feb 2019.

Feb 2019: The distinguished scientist of the Isfahan University of Technology (IUT). The award was given by IUT.

July 2018: Gold Prize in honor of the highest standard of excellence presented by the valuable invention entitled "Synthesis and characterization of new optically active polyamides using economic and green method in tetrabutylammonium ionic liquid" has participated in Korea International Women's Invention Exposition. Kintex, Seoul, South Korea.

July 2018: Silver Prize for the creative invention of "Synthesis and characterization of new optically active polyamides using economic and green method in tetrabutylammonium ionic liquid", Korea Women Inventors Association.

May 2018: The distinguished scientist of the country on the occasion of the 40th anniversary of Isfahan University of Technology (IUT) celebration. The award was given by the IUT.

Feb 2017: Iranian Chemical Society (ICI) award for the ISI scientist.

2014: The distinguished scientist of the Isfahan University of Technology (IUT). The award was given by IUT.

Sep 2014: One of the best Nano specialists (ranking 3 out of 10) for year 2014. Selected by **Iran Nanotechnology Initiative Council, Cash and research grant** were given as the award.

March 2014: First Laureate on 21stIranian Seminar of Organic Chemistry(21st ISOC), Ilam university, Ilam, Iran, 13-15 March 2014

Oct. 2013: One of the best Nano specialists (ranking 4 out of 10) for year 2013. Selected by **Iran Nanotechnology Initiative Council, Cash and research grant** were given as the award.

Dec. 2011: The Distinguished Researcher of Isfahan province for year 2011. Award was given by Isfahan Governor-general.

Dec. 2011: The distinguished researcher in publication of research-scientific papers. Award was given by the IUT.

Dec. 2010: The distinguished researcher of the Isfahan University of Technology (IUT). Award was given by the IUT.

Dec. 2010: The distinguished researcher of the Isfahan University of Technology (IUT). Award was given by the IUT.

Dec. 2010: The distinguished researcher of the country in the basic science. Award was given by the Ministry of Science, Research and Technology (MSRT).

Dec. 2010: The distinguished researcher of the country. Award was given by the Isfahan University of Technology (IUT).

Oct. 2010: The best Organic Chemist of year 2010 award. Award was given by the Iranian Chemical Society (ICS).

Jun. 2009: The best supervisor of graduate thesis of year 2009 (IUT).

Dec. 2008: Leading Scientist of OIC, listed by **COMSTECH**.

Dec. 2008: Award for the 30th Anniversary of IUT.

Dec. 2008: Best Researcher of year Award, IUT.

Feb. 2008: COMSTECH cash prize**,** given in 21st Khwarizmi International Award, Tehran, Iran**.** http://khwarizmi.irost.ir**.**

Feb. 2008: First Laureate on Fundamental Research, 21st Khwarizmi International Award, presented by Ministry of Science, Research and Technology (MSRT) and Iranian Research Organization for Science and Technology (IROST), Tehran, Iran., http://khwarizmi.irost.ir.

Oct. 2007: Two papers were selected as the best papers and won prize in ISPST 2007. One paper as the best oral presentation and the other one as the best poster presentation. International Conference on Polymer Science and Technology 2007 (ISPST2007), Oct. 23-25, 2007, Tehran Iran.

Dec. 2006: The Distinguished Researcher of Isfahan University of Technology, award was presented by Ministry of Science, Research and Technology (MSRT).

Sept. 2005: Two papers were selected as the best papers and won prize in ISPST 2005. International Conference on Polymer Science and Technology (ISPST), Sept. 27-29, 2005, Tehran Iran.

Dec. 2004: The Distinguished Researcher of Isfahan province for year 2004. Award was given by Isfahan Governor-general.

Dec. 2004: Ministry of Education Award for excellent performance in Scientific Publications for Year 2003. Financial Support was provided by Ministry of Education.

Sept. 2004: Management and Programming Organization of I.R. Iran (MPOI) Award for ISI Scientist 2003. Financial Support was provided by MPOI.

Dec. 2004: Ministry of Science, Research and Technology (MSRT) Award for ISI Scientist Award for year 2004. Financial Support was provided by MSRT.

Sept. 2003: Ministry of Science, Research and Technology (MSRT). Award for excellent performance in Scientific Publications for Year 2002. Financial Support was provided by MSRT.

May 2002: Ministry of Education Award for excellent performance in Scientific Publications for Year 2001. Financial Support was provided by Ministry of Education.

May 2001: Ministry of Education Award for excellent performance in Scientific Publications for Year 2000. Financial Support was provided by Ministry of Education.

February 2001: The best Researcher of the year award, Isfahan university of Technology (IUT), Certificate is given by the president of the IUT.

May 2000: Second Shiekbahahee Regional Award, Isfahan Science and Research City (ISRC). Certificate is given by the president of the ISRC.

February 1998: The best Researcher of the year award, Isfahan university of Technology (IUT), Certificate is given by the president of the IUT.

December 1997: Excellent performance in Research Project, Isfahan university of Technology (IUT), entitled: Reaction of Benzyne and Bis-Benzyne with Cyclones (four papers were published). Financial support given by Research Council, IUT.

July 1996: Excellent performance in Research Project, Isfahan university of Technology (IUT), entitled: Copolymerizartion of Bistriazolinediones With trans-Stilbene (one paper was published). Financial support given by Research Council, IUT.

1981-1982: Honorable mention as a runner-up in the University wide Competition for Outstanding Teaching

Assistant.

1980-1981: E. I. Dupont Award for Outstanding Performance as a Teaching Assistant.

ADMINISTRATIVE

POSITION:

1982-1984: Seminar Chairman for the Polymer Research Group, Department of Chemistry, University of Florida, Gainesville, Florida, 32611, U.S.A.

1987-1989: Chairman for the college of Chemistry, Isfahan, University of Technology, Isfahan, 84156, I. R. Iran.

1991-up to now: Editorial Board, Iranian Polymer Journal, P.O. Box 14965 /159, Tehran, I. R. Iran. Tel: (9821) 602-6317-9; Tel/Fax: (9821) 602-6041; Fax: (9821) 602- 6500

1996: Chairman for the 5th Iranian Seminar of Organic Chemistry, College of Chemistry, Isfahan University of Technology, Isfahan, I.R.Iran, August, 17-19, 1996.

1998: Advisory Board (AB), Indian Journal of Chemistry, Section B. Fax: (00-91)(11-5787062) and E-mail: pid@sirnetd.ernet.in

1999-up to now: Editorial Board, Journal of Iranian Chemistry, P.O. Box 15875-1169, Tehran, I. R. Iran. Tel: (9821) 880-8066. Iranian Chemical & Engineering Society.

May, 2005-2007- Deputy of Research, Department of Chemistry, Isfahan University of Technology.

May, 2011-2013- Deputy of Research, Department of Chemistry, Isfahan University of Technology.

AFFILIATIONS: Iranian Chemistry and Chemical Engineering Society. Iranian Polymer Science and Engineering Society.

RESEARCH EXPERIENCE:

A. Synthesis and Characterization of Novel Polymers Via Diels-Alder and Ene Reactions.

B. Synthesis of Novel Optically Active Polymers Via Diels-Alder and Ene Reactions.

C. Synthesis and Characterization of Novel Model Compounds and Novel Polymers Via Electrophilic Aromatic Substitutions.

D. Synthesis and Trapping of Bisbenzyne.

E. Using Bisbenzyne as a Monomer in Cycloaddition Polymerization.

F. Synthesis and Characterization of New Monomers and Polymerization of these New Monomers.

G. Solid Phase Organic Reactions, including Oxidation and Reduction.

H. Microwave Assisted Organic and Polymerization Reactions.

I. Synthesis of Optically active Monomers and Polymers having Natural Amino Acids.

J. Polymerization under Green Conditions.

K. Synthesis of Nanocomposite and Bionanocomposites Polymers.

REFERENCES:

- Prof. Dr. Mahmoud Khojasteh, IBM Group, Hopewell Juction, New York, 12533, USA.
- Prof. Dr. Framarz Afshar Taromi, Department of Polymer Engineering, Amir Kabir University of Technology, Tehran, I.R. Iran.

- Prof. Dr. Hamid Javaherian naghash, Department of Chemistry, Shahreza Azad University, Isfahan, Iran.
- Professor Kenneth B. Wagener, Center for Macromolecular Science and Engineering and Department of Chemistry, University of Florida, Gainesville, Florida, 32611, U.S.A.
- Professor William R. Dolbier Jr., Department of Chemistry, University of Florida, Gainesville, Florida, 32611, U.S.A.

LIST OF PUBLICATIONS

1. S.E. Mallakpour; G.B. Butler; H. Aghabozorg; G.J. Palenik, Macromol., 1985, 18, 342. Ene Reaction of (S)-(-)-4-(α-Methylbenzyl)-1,2,4-triazoline-3,5-dione With Propylene, X-ray Diffraction Analysis of A Single Crystal of the Brominated Adduct.

2. Y.C. Lai; S.E. Mallakpour; G.B. Butler; G.J. Palenik, J. Org. Chem., 1985, 50, 4378. Diels-Alder and Ene Reaction of 4-Substituted 1,2,4-triazoline-3,5-diones and Some Substituted Styrenes.

3. S.E. Mallakpour; G.B. Butler, Advanced in Polymer Synthesis, Culbertson, B.M; McGrath, J.E., Eds., Polymer Science and Technology Series Vol.31, Plenum Press, New York, 1985, PP. 1-25. Alternating Copolymers Via Diels-Alder and Ene Reactions.

4. S.E. Mallakpour; G.B. Butler, Polymer Preprints, April, 1986, Vol. 27. Uncatalyzed Polymerization of Bistriazolinediones With Electron-Rich Aromatic Compounds Via Electrophilic Aromatic Substitution.

5. S.E. Mallakpour; G.B. Butler, J. Poly. Sci. Polym. Chem. Ed. 1987, 25, 2781. Polymerization of N-

Methylpyrrole With Bistriazolinediones Via Electrophilic Aromatic Substitution.

6. S.E. Mallakpour; G.B. Butler, J. Poly. Sci. Polym. Chem. Ed. 1989, 27, 125. Modification of polymers Via Electrophilic Aromatic Subustitution.

7. S.E. Mallakpour; G.B. Butler, J. Poly. Sci. Polym. Chem. Ed., 1989, 27, 217. Uncatalyzed Polymerization of Bistriazolinediones with Electron-rich Aromatic Compounds Via Electrophilic Aromatic Substitution.

8. J.R. Williamson; S.E. Mallakpour, Iran. J. Chem. & Chem. Eng., 1991, 10, 66. Synthesis of Trapping of 3,4,3',4'-Tetradehydrobiphenyl (Bisbenzyne).

9. S.E. Mallakpour, Iranian J. Poly. Sci. and Tech. (Persian Edition), 1991, 4, 181. The Synthesis of Optical Active Polymers With the Use of Chiral Triazolinediones. (Abstracted in English).

10. S.E. Mallakpour, J. Chem. Educ., 1992, 69, 238. A New Method for the Oxidation of 4-Phenylurazole to 4-phenyltriazolinedione.

11. S.E. Mallakpour, Iranian J. Poly. Sci. and Tech., 1993, 2, 90. Synthesis of Novel Monomers Via Benzyne and Bisbenzyne Intermediates.

12. S.E. Mallakpour; G.B. Butler, J. Sci. I.R. Iran, 1993, 4, 12. Reaction of 4-Methyl-1,2,4-triazoline-3,5-dione With di and tri-Substituted Styrenes.

13. S.E. Mallakpour, J. Sci. I.R. Iran, 1993, 4, 112, Synthesis of Some Substituted Naphthalenes Via Benzyne and 13C-NMR and 1H-NMR Studies.

14. S.E. Mallakpour; M.A. Zolfigol, J. Sci. I.R. Iran, 1993, 4, 199. A Convenient Method for preparation and Isolation of 4-n-Propyl-1,2,4,-triazoline-3,5-Diane.

15. S.E. Mallakpour; D. Hajiheidari, Iranian J. Poly. Sci. and Tech.(Persian Edition), 1994, 6, 253.

Synthesis of FunctioPolymers (Abstracted in Englished).

16. S.E. Mallakpour; D. Hajiheidari, Iranian J. Poly. Sci. and Tech., (Persian Edition), 1994, 7, 13. Application of Functionalized Polymers in Chemistry and Organic Synthesis (Abstracted in English).

17. S.E. Mallakpour; D. Hajiheidari, Iranian J. Poly. Sci. and Tech.(Persian Edition), 1994, 7, 96. Polymeric Foods Dyes (Abstracted in English).

18. S.E. Mallakpour; J.Asghari, Iranian J. Poly. Sci. and Tech.(Persian Edition), 1994, 7, 13. A Review of Polyphosphazenes Synthetic Methods (Abstracted in English).

19. S.E. Mallakpour; D. Hajiheidari, Iranian J. Poly. Sci. and Tech., 1995, 4, 2. Synthesis and Properties of Novel Aliphatic-Aromatic Polyamides Containing Benzofluoranthene Linkages.

20. S.E. Mallakpour; M.A. Zolfigol, Indian J. Chem., 1995, 34B, 183. Cycloaddition of 1,6-Bis(3,5-dioxo-1,2,4-triazoline-4-yl)hexane to some dienes.

21. S.E. Mallakpour; M.A. Zolfigol, Indian J. Chem., 1995, 34B, 302. Stereospecific vs Stereoselective Bromination of Non-conjugated Heterocyclic Alkenes.

22. S.E. Mallakpour; J.Asghari, Iranian Poly.J., 1996, 5, 87. Copolymerizartion of Bistriazolinediones with trans-Stilbene.

23. S.E. Mallakpour; H, Nasr Isfahani, Indian J. Chem., 1996, 35B, 557. Unusual Addition Elimination Reaction of Arynes.

24. S.E. Mallakpour; B. Karami-Dezcho Indian J. Chem., 1996, 35B, 552. Reaction of Phencyclone with Aryne and Bisaryne.

25. S.E. Mallakpour; H, Nasr Isfahani, Org.Prep.and Proc.Int., 1996, 28, 691. A Convenient One Step Synthesis of Dialkylbenzo[k]fluoranthenes and Tetraethylbisbenzo[k][k']fluoranthenes.

26. S.E. Mallakpour; J.Asghari, & D.Schollmeyer, Polym. Int., 1996, 41, 43 Step-Growth Polymerization of Bistriazolinediones With 1,1-Diphenylethylene.

27. S.E. Mallakpour; H. Kolshorn; D.Schollmeyer & R. Stadler, Macro. Chem.& Phy., 1997, 198, 251.Step Growth Polymerization via Tandem Ene and Diels-Alder Reactions.

28. S.E. Mallakpour, Indian J. Chem., 1997, 36B, 354. One Pot Synthesis of 1,4-Dicarboxymethly-3,4-diphenyl Naphthalene.

29. S.E. Mallakpour; F. Mohammadi, & H. Kolshorn, Polym. Int., 1997, 42, 328.Polymerization of Triazolinediones with 3,3-Dichloro-1-Phenyl-1-Propene.

30. S.E. Mallakpour; F.Rafiemanzelat and B. Sheikholeslami. Iranian Polymer J.,1997, 6, 235. Acylation of Polybutadiene Containing 4-Phenyl urazole.

31. S.E. Mallakpour; B. Karami-Dezcho and B. Sheikholeslami, Polym. Int., 1998, 45, 98. Polymerization of 1-Methyl-2,5-bis[1-(4-phenylurazoyly)] pyrrole Dianion with Alkyldihalides.

32. S.E. Mallakpour; F.Rafiemanzelat, Iranian Polym. J., 1998, 7, 121. Polymerization of 7,12-Bis(2-hydroxyethyl)benzo[k]fluoranthene with Aromatic Diacidchlorides.

33. S.E. Mallakpour; B. Sheikholeslami, Iranian Polym. J., 1998, 7, 23. Polymerization of 1-Methyl-2,5-bis[1-(4-phenylurazoyly)]pyrrole with Alkyldiacidchlorides.

34. Abdol-Hossien Dabbagh, S.E. Mallakpour; and Kh. Faghihi, Iranian Polym. J., 1998, 7, 149. Elinination Reactions of Tertiary and Secondary Alcohols with Polystyryl Diphenyl Phosphine in Tetrachloromethane.

35. S.E. Mallakpour; A. R. Hajipour, S. Khoee and B. Sheikholeslami, Polym.Int., 1998, 47, 193. A New Method for Producing Optically Active Polybutadiene.

36. S.E. Mallakpour; M.A. Zolfigol, Indian J. Chem., SecB, 1998, 37B, 1001. Reaction of 4-n-Propyl-1,2,3-triazoline-3,5-dione with Some Selected Dienes.

37. S.E. Mallakpour; A. R. Mahdavian and B. Sheikholeslami, Iranian J. Polym. Sci. & Tech. 1998, 11, 163. Synthesis of Aliphatic Polyamides Containing 4-(4-benzophenone)urazole Linkages (in Persian).

38. S.E. Mallakpour; B. Sheikholeslami, Polym. Int., 1999, 48, 41. Synthesis of Aliphatic Polyamides Containing 4-Phenylurazole Linkages.

39. S.E. Mallakpour; F.Rafiemanzelat, Polym. Sci., ser. A, 1999, 41, 793. New Polyurethanes with Benzo[k]fluoranthene Moieties.

40. A. R. Hajipour; S.E. Mallakpour and A. Afrousheh, Tetrahedron, 1999, 55, 2311. A Convenient and Mild Procedure for the Synthesis of Alkyl p-Toluensulfinates Under solvent-Free Condition Using Microwave irradiation.

41. S.E. Mallakpour; A. R. Hajipour, A. R. Mahdavian and F. Rafiemanzelat, Polym Int. 1999, 48, 109. Highly Diastereoselective Synthesis of Novel Polymers Via Tandem Diels-Alder-Ene Reactions.

42. S.E. Mallakpour; A. R. Hajipour, A. R. Mahdavian and S. Khoee, J. Polym. Sci. Part A, Polym. Chem. 1999, 37, 1211. Asymmetric Polymerization Via Cycloaddition Reactions.

43. A. R. Hajipour; S.E. Mallakpour and G. Imanzadeh, J. Chem. Research, 1999, 228. A Rapid and Convenient Synthesis of Oximes in Dry Media Under microwave Irradiation.

44. S.E. Mallakpour; A. R. Hajipour and S. Khoee, Polym.Int. 1999, 48, 1133. Synthesis and Characterization of Novel Optically Active Poly(amide-imide)s.

45. A. R. Hajipour; S.E. Mallakpour and G. Imanzadeh, Asian. Chem. Lett. 1999, 99. Conversion of Oximes to Carbonyl Compounds under Solvent-Free Conditions using Permanganate Supported on

Alumina.

46. A. R. Hajipour; S.E. Mallakpour and G. Imanzadeh, Chem. Lett. 1999, No.2 99. Oxidation of Alcohols to carbonyl Compounds under Solvent-Free Conditions using Permanganate Supported on Alumina.

47. S.E. Mallakpour; B. Sheikholeslami, Iranian Polym. J. 1999, 8, 61. Synthesis and Characterization of Novel Polyureas with 4-Phenylurazole Moieties in the Chain.

48. M.A. Zolfigol, S.E. Mallakpour, Syn Commun., 1999, 29 (22), 4061. A Convenient Method for the Oxidation of Urazoles to their Corresponding Triazolinediones Under Mild and Heterogeneous Conditions with Sodium Nitrite and Oxalic Acid Two Hydrate.

49. S.E. Mallakpour; M.A. Zolfigol, Indian J. Chem. Sec B, 1999, 38B, 777. Stereoselective Chlorination of Non-conjugated Heterocyclic Alkenes.

50. M.A. Zolfigol, D. Nematollahi and S.E. Mallakpour, Syn Commun., 1999, 29 (13), 2277. An Efficient Method for Production and Storage of Unstable S-Nirosothiols Under Mild and Heterogeneous Condition with Sodium Nitrite and Oxalic Acid Dihydrate.

51. S.E. Mallakpour; and H. Rostemizade, Iranian Polym. J. 1999, 8, 175. Synthesis of Novel Polyurethanes with Fluorescein Linkages.

52. S.E. Mallakpour; and S. Hematy, Indian J. Chem., SecB, 2000, 39, 173. Reaction of 3,4,3',4'-Tetradehydrobiphenyl (bisbenzyne) with Tetracyclone and Acecyclone.

53. S.E. Mallakpour; A.H Dabbagh and Kh. Faghihi, Iranian Polym. J., 2000, 9(1), 41. Synthesis of Novel Optically Active Poly(Amide-Imide)s with Benzophenone and L-Alanine Moieties.

54. S.E. Mallakpour; A. R. Hajipour, A. R. Mahdavian and S. Khoee, J. Appl. Polym. Sci. 2000, 76(2),

240. Synthesis and Characterization of Novel Optically Active and Flame-Retardant Heterocyclic Polyimides.

55. A. R. Hajipour; S.E. Mallakpour and A. Afrousheh, Phos. Sulf.and Silicon, 2000, 160, 67. One-pot and Simple Reaction for the Synthesis of Alkyl p-Toluensulfinates Esters Under Solid-Phase Conditions.

56. A. R. Hajipour and S.E. Mallakpour, J. Chem. Research, 2000, 32. Benzyltriphenylphosphonium Dichromate as a Mild Reagent for Oxidation of Thiol and Sulfides.

57. S.E. Mallakpour; A. R. Hajipour, S. Khoee, J. Appl. Polym. Sci. 2000, 77, 3003. Microwave Assisted Polycondensation of 4,4'-(Hexafluoroisopro-pylidene) N,N'-bis(phthaloyl-L-leucine) diacid chloride with Aromatic Diols.

58. A. R. Hajipour, S.E. Mallakpour, I. Mohammadpoor-Baltork and S. Khoee, Chem. Lett. 2000, No. 2, 120. An Efficient and Selective Oxidation of Benzylic Alcohols to the Corresponding carbonyl Compounds under Solvent-Free Conditions.

59. M.A. Zolfigol, S.E. Mallakpour, E. Madrakian and E. Ghaemi, Indian J. Chem. 2000, 39B, 308. Oxidation of Urazoles to their Corresponding Triazolinediones Under Mild and Heterogeneous Conditions.

60. S.E. Mallakpour; A. R. Hajipour, and R. Roohipour-fard, Eur. Polym. J. 2000, 36, 2455. Direct Polycondensation of N-Trimellityimido-L-Leucine with Aromatic Diamines.

61. M.A. Zolfigol, M. Kiany-Borazjani, S.E. Mallakpour, and H. Nase-Isfahani, Syn Commun, 2000, 30, 2573. An Efficient Method for the Oxidation of Urazoles to Their Corresponding Triazolinediones Under Mild and Heterogeneous Conditions.

62. S.E. Mallakpour; A. R. Hajipour and A. R. Mahdavian, J. Appl. Polym. Sci. 2000, 78(3), 527.

Synthesis of Novel Photoactive Heterocyclic Polyimides Containing Naphthalene Moieties via Cycloaddition Reactions.

63. A. R. Hajipour , S.E. Mallakpour, Phos. Sulfur and Silicon. 2000, 161, 157. Bezyltriphenylphosphoniun Peroxodisulfate (PhCH2PPh3)2 S2O8: a Mild and Inexpensive Reagent for Highly Enatiomeric Purity Conversion of α-Sulfinyl Oximes and α-Sulfinylhydrazone to the Corresponding β-Ketosulfoxides.

64. S.E. Mallakpour; A. R. Hajipour, S. Khoee, J. Polym. Sci. Part A, Polym. Chem. 2000, 38, 1154. Polymerization of 4,4'-(Hexafluoroisopropylidene) N,N'-bis(phthaloyl-L-leucine) diacid chloride with Aromatic Diamines by Microwave-assisted.

65. S. E. Mallakpour; A. R. Hajipour and Kh. Faghihi, Polym. Int. 2000, 49,1383. Synthesis of Novel Optically Active Poly (ester-imde)s with Benzophenone Linkages by Microwave-Assisted Polycondensation.

66. A. R. Hajipour , S. E. Mallakpour and H. Adibi, Chem. Lett. 2000, No. 2, 460. Benzyltriphenylphosphoniun Peroxymonosufate: as a Novel and Efficient Reagent for Oxidation of Alcohols Under solvent-Free Conditions.

67. A. R. Hajipour, S. E. Mallakpour and S. Khoee, Synlett. 2000, No.5, 740. An Efficient, Fast and Selective Oxidation of Aliphatic and Benzylic Alcohols to the Corresponding Carbonyl Compounds under Microwave Irradiation.

68. A. R. Hajipour, S. E. Mallakpour and A. R. Najafi, Phos. Sulfur and Silicon. 2000, 165, 165. Benzyltriphenylphosphoniun Tetraborate (BTPPTB) as a Selective Reducing Agent for Reduction of Aldehydes and Ketones to the corresponding Alcohols.

69. A. R. Hajipour, S. E. Mallakpour and S. Khoee. Polymerization of 4,4 "-(hexafluoroisopropylidene)-

n,n "-bis(phthaloyl-l-leucine) diacid chloride with aromatic diamines by microwave irradiation, April 2000 , Volume 38 , Number 5; Page(s) 1154 To 1160.

70. A. R. Hajipour, S. E. Mallakpour, I. Mohammadpoor-Baltork and H. Adibi, Phos. Sulfur and Silicon. 2000, 165, 155. Oxidative Deprotection of Trimethylsilyl and, Tetrahydropranyl ethers, Ethylene Acetals and Ketals with Benzyltriphenylphosphonium peroxomonosulfates in the presence of Bismuth Chloride Under Non-aqueous Conditions.

71. A. R. Hajipour and S.E. Mallakpour, Syn Commun. 2000, 161, 157. Butyltriphenylphosphonium Tetraborate (BTPPTB) as a Selective Reducing Agent for Reduction of β-imino Sulfoxide to the Corresponding β-Amino Sulfoxide in Methanol or Under Solid-State Conditions.

72. A. R. Hajipour, S.E. Mallakpour and H. Adibi, Phos. Sulfur and Silicon. 2000, 167, 71. Oxidation of Alcohols with Benzyltriphenylphosphoniun Peroxymonosufate Under non-aqueous Conditions.

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Ph.D. and M.Sc. Students

More than 72 Ph.D and M.Sc. Students have been graduated from our group.

Invited Lectures

1. **Kansai University**, Japan, Dec. 5-10, 2002. Two lectures were presented.
2. **Kyoto University**, Japan, Dec. 11, 2002. One lecture was presented.
3. **Keynote Speaker**, ISPST2007, Tehran, Iran, Oct. 2007.
4. **Invited Lecturer**, Yasouj University, Feb., 2008.
5. **Keynote Speaker**, ICNN2008, Tabriz University, Iran, Oct. 2008.
6. **Academic Guest** of the 59th Meeting of Nobel Prize Winners in Chemistry from June 28 to July 3 2009, at Lindau, Germany.
7. **Invited Speaker,** International Conference on Green & Sustainable Chemistry - ICGSC 2009, 3-5 Aug., **2009**, Singapore.
8. **Invited Speaker,** the 13th Asian Chemical Congress (13ACC), Shanghai, Sept. **14-16, 2009**, China.

9. **Keynote Speaker**, ISPST2009, Iran Polymer and Petrochemical Institute, Tehran, Iran, Oct. **2009**.

10. **Invited Speaker, ISESCO Inrernational Workshop and Conference on Nanotechnology (IWCN2010)**, Kuala Lumpur, January **25-27, 2010**, Malaysia.

11. **Invited Lecture,** The **2nd FAPS Polymer Congress (FAPS-PC2011)**, Beijing, May 8-11**, 2011**, China.

12. **Keynote Speaker**, ICCC2013, Isfahan University of Technology, Isfahan, Iran, Dec. 18-19, **2013**.

13. Invited Speaker, Overview Faculty of Physics lectures, Polymer composites based on multi-walled carbon nanotubes, Thursday, January 23, 2014

14. **Keynote Speaker**, 21stIranian Seminar of Organic Chemistry(21st ISOC), Ilam university, Ilam, Iran, 13-15 March 2014

15. **Keynote Speaker,** 11thInternational Seminar on Polymer Science and Technology (ISPST 2014), 6-9 October 2014

Patents

1. **7 National patents were filed and recorded in year 2008.**

2. **8 National patents were filed and recorded in year 2009.**

3. **2 National patents were filed and recorded in year 2010**

Books and book chapters

1. H. A. Dabbagh, S. E. Mallakpour and M. H. Amirkhizi, Principles of Organic Chemistry, (1998), Isfahan University of Technology, In Persian. Second Edition, 2001. Third Edition, 2004. Fourth Edition 2007. Fifth Edition 2008. Sixth Edition 2010.

2. S. Mallakpour, Polyvinylchloride, (2009), Iranian Polymer Society, In Persian.

3. S. Mallakpour and Z. Rafiee, Polystyrene, (2010), Iranian Polymer Society, In Persian.

4. S. Mallakpour and Z. Rafiee, (2012), Chapter 1 Green Solvents Fundamental and Industrial Applications, Edited by A. Mohammad and Inamuddin, In “Green Solvents I: Properties 1 and Applications in Chemistry”, pp. 1-66. Springer Netherlands, © Springer Science+Business Media Dordrecht.

5. S. Mallakpour and M. Dinari, Chapter 1 Ionic Liquids as Green Solvents: Progress and Prospects, Edited by A. Mohammad and Inamuddin, In “Green Solvents II: Properties 1 and Applications of Ionic Liquids”, pp. 1-32. Springer Netherlands, © Springer Science+Business Media Dordrecht.

6. Shadpour Mallakpour and Amin Zadehnazari, chapter 2 Microwave-Assisted Step-Growth Polymerizations (From Polycondensation to C–C Coupling), Edited by R. Hoogenboom, U.S. Schubert, F. Wiesbrock, In. “Microwave-assisted Polymer Synthesis”, Volume 274 of the series Advances in Polymer Science pp 45-86, Springer International Publishing, Springer-Verlag Berlin Heidelberg.

7. Mallakpour, S., and Khadem, E. (2016). Chapter 16 Recent Achievements in the Synthesis of Biosafe Poly(Vinyl Alcohol) Nanocomposite. Edited by Inamuddin, In "Green Polymer Composites Technology; Properties and Applications", pp. 261-278. Taylor & Francis Group, 6000 Broken Sound Parkway NW, Suite 300, Boca Raton, FL 33487-2742 CRC Press.

8. Mallakpour, S., and Behranvand, V. (2016) Chapter 24 Grafted Nano-ZnO, TiO2 by Biosafe Coupling Agents and Their Applications for the Green Polymer Nanocomposites Fabrication. Edited by Inamuddin, In "Green Polymer Composites Technology; Properties and Applications", pp. 381-396. Taylor & Francis Group, 6000 Broken Sound Parkway NW, Suite 300, Boca Raton, FL 33487-2742 CRC Press.

9. Mallakpour, S., and Javadpour, M. (2016). Chapter 35 Design Strategies of Green Polymer Nanocomposites Containing Amino Acid Linkages. Edited by Inamuddin, In "Green Polymer Composites Technology", pp. 491-512. Taylor & Francis Group, 6000 Broken Sound Parkway NW, Suite 300, Boca Raton, FL 33487-2742 CRC Press.

10. S. Mallakpour and V. Behranvand, (2017) Chapter 7 Using recycled polymers for the preparation of hybrid polymer nanocomposites: Properties and applications, Edited by: Vijay Kumar Thakur, Manju Kumari Thakur, Asokan Pappu, In. “Hybrid Polymer Composite Materials Volume 4: Applications”, Pages 197-226. Woodhead Publishing, Sawston, Cambridge, Elsevier. eBook ISBN: 9780081007860.

11. S. Mallakpour and S. Rashidimoghadam, (2017) Chapter 8 Recent developments in the synthesis of hybrid polymer/clay nanocomposites: Properties and applications, Edited by: Vijay Kumar Thakur, Manju Kumari Thakur, Asokan Pappu, In. “Hybrid Polymer Composite Materials Volume 4: Applications”, Pages 227–265. Woodhead Publishing, Sawston, Cambridge, Elsevier. eBook ISBN: 9780081007860.

12. S. Mallakpour and E. Khadem, (2017) Chapter 9 Opportunities and challenges in the use of layered double hydroxide to produce hybrid polymer composites. Edited: Vijay Kumar Thakur, Manju Kumari Thakur, Raju Kumar Gupta, In. “Hybrid Polymer Composite Materials Volume 1: structure and chemistry”, Pages 235–261 Woodhead Publishing, Sawston, Cambridge, Elsevier. ISBN: 978-0-08-100791.

13. S. Mallakpour and V. Behranvand, (2017) Chapter 10 Green hybrid nanocomposites from metal oxides, poly(vinyl alcohol) and poly(vinyl pyrrolidone): Structure and Chemistry, Edited: Vijay Kumar Thakur, Manju Kumari Thakur, Raju Kumar Gupta, In "Hybrid Polymer Composite Materials Volume 1: structure and chemistry" Pages 263–289. Woodhead Publishing, Sawston, Cambridge, Elsevier. ISBN: 978-0-08-100791.

14. S. Mallakpour and V. Behranvand, (2017) Chapter 13 Recent progress and perspectives on bio-functionalized CNT hybrid polymer nanocomposites. Edited by: Vijay Kumar Thakur, Manju Kumari Thakur, Asokan Pappu, In. "Hybrid Polymer Composite Materials Volume 3: properties and characterization", Pages 311–341. Woodhead Publishing, Sawston, Cambridge, Elsevier. ISBN: 978-0-08-100787-7.

15. S. Mallakpour and S. Rashidimoghadam, (2017) Chapter 14 Investigation on morphology, properties and applications of hybrid poly(vinyl chloride)/metal oxide composites, Edited by: Vijay Kumar Thakur, Manju Kumari Thakur, Asokan Pappu, In. "Hybrid Polymer Composite Materials Volume 3: properties and characterization", Pages 343–377. Woodhead Publishing, Sawston, Cambridge, Elsevier. ISBN: 978-0-08-100787-7.

16. S Mallakpour and E. Khadem, (2017) Chapter 15 Hybrid optically active polymer/metal oxide composites: Recent advances and challenges, Edited by:Vijay Kumar Thakur, Manju Kumari Thakur, Asokan Pappu, In. "Hybrid Polymer Composite Materials Volume 3: properties and characterization", Pages 379–406, Woodhead Publishing, Sawston, Cambridge, Elsevier. ISBN: 978-0-08-100787-7.

17. S. Mallakpour and L. khodadadzadeh, (2018) Chapter 7 Biocompatible and biodegradable Chitosan nanocomposites loaded with carbon nanotubes, Edited by: Navinchandra Gopal Shimpi, In "Biodegradable and Biocompatible Polymer Composites Processing, Properties and Applications", Pages 187-221, Woodhead Publishing Series in Composites Science and Engineering, United Kingdom,

ISBN: 9780081009703 http://dx.doi.org/10.1016/B978-0-08-100970-3.00007-9.

http://www.sciencedirect.com/science/article/pii/B9780081009703000079

18. S. Mallakpour, N. Nouruzi, (2018) Chapter 8 Polycaprolactone/metal oxide nanocomposites: an overview of recent progress and applications, Edited by: Navinchandra Gopal Shimpi, In "Biodegradable and Biocompatible Polymer Composites Processing, Properties and Applications", Pages 223-263, Woodhead Publishing Series in Composites Science and Engineering, United Kingdom, ISBN: 9780081009703.

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19. S. Mallakpour, E. Khadem, (2018) Chapter 9 Applications of biodegradable polymer/layered double hydroxide nanocomposites: current status and recent prospects, Edited by: Navinchandra Gopal Shimpi, In "Biodegradable and Biocompatible Polymer Composites Processing, Properties and Applications", Pages 265-296, Woodhead Publishing Series in Composites Science and Engineering, United Kingdom, ISBN: 9780081009703.

    http://www.sciencedirect.com/science/article/pii/B9780081009703000092

20. S. Mallakpour, S. Rashidimoghadam, (2018) Chapter 10 Poly(vinyl alcohol)/carbon nanotube nanocomposites: challenges and opportunities, Edited by: Navinchandra Gopal Shimpi, In "Biodegradable and Biocompatible Polymer Composites Processing, Properties and Applications". Pages 297-315, Woodhead Publishing Series in Composites Science and Engineering, United Kingdom, ISBN: 9780081009703.

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21. S. Mallakpour, E. Khadem, (2019) Chapter 8 Carbon Nanotubes for Heavy Metals Removal, Edited by: George Kyzas, Athanasios C. Mitrpoulos, *In* "Composite Nanoadsorbents", Pages 181-210, Elsevier,

Amsterdam, Netherlands, eBook ISBN: 9780128141335, **https://doi.org/10.1016/B978-0-12-814132-8.00009-5**

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22. S. Mallakpour, S. Rashidimoghadam, (2019) Chapter 9 Carbon Nanotubes for Dyes Removal, Edited by: George Kyzas, Athanasios C. Mitrpoulos, *In* "Composite Nanoadsorbents". Pages 211-244, Elsevier, Amsterdam, Netherlands eBook ISBN: 9780128141335

23. Mallakpour, S., Tabesh, F. (2020) Fabrication Technologies of Layered Double Hydroxide Polymer Nanocomposites. In: Sabu Thomas Saju Daniel (Ed.) Layered Double Hydroxide Polymer Nanocomposites. Elsevier, Woodhead Publishing, (Published Date: 25th January 2020) (Chapter 3)

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25. Mallakpour, S., Azimi, F. (2020) Spectroscopic Characterization Techniques for Layered Double Hydroxide Polymer Nanocomposite and Recent Advances in Spectroscopic Analysis. In: Sabu Thomas Saju Daniel (Ed.) Layered Double Hydroxide Polymer Nanocomposites. Elsevier, Woodhead Publishing, Sawston, Cambridge, England (Published Date: 25th January 2020) (Chapter 6)

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26. Mallakpour, S., Khadem, E. (2020) Polymer Layered Double Hydroxide Hybrid Nanocomposites. In: Sabu Thomas Saju Daniel (Ed.) Layered Double Hydroxide Polymer Nanocomposites. Elsevier, Woodhead Publishing, Sawston, Cambridge, England (Published Date: 25th January 2020) (Chapter 13)

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27. Mallakpour, S., Motirasoul, F. (2020) Electrical and Electronic Applications of Layered Double Hydroxide Polymer Nanocomposites. In: Sabu Thomas Saju Daniel (Ed.) Layered Double Hydroxide Polymer Nanocomposites. Elsevier, Woodhead Publishing, Sawston, Cambridge, England (Published Date: 25th January 2020) (Chapter 14)

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28. Mallakpour, S., Khodadadzadeh, L. (2020) Reinforcement of BioPolymers with Layered Double Hydroxide. In: Sabu Thomas Saju Daniel (Ed.) Layered Double Hydroxide Polymer Nanocomposites. Elsevier, Woodhead Publishing, Sawston, Cambridge, England (Published Date: 25th January 2020) (Chapter 15)

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29. Mallakpour, S., Behranvand, V. (2020) Layered Double Hydroxide Polymer Nanocomposites for Water Purification. In: Sabu Thomas Saju Daniel (Ed.) Layered Double Hydroxide Polymer Nanocomposites. Elsevier, Woodhead Publishing, Sawston, Cambridge, England (Published Date: 25th January 2020) (Chapter 19)

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30. Mallakpour, S., Tabebordbar, H. (2020) Layered Double Hydroxide Polymer Nanocomposites for Catalysis. In: Sabu Thomas Saju Daniel (Ed.) Layered Double Hydroxide Polymer Nanocomposites. Elsevier, Woodhead Publishing, Sawston, Cambridge, England (Published Date: 25th January 2020) (Chapter 20)

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31. S. Mallakpour, F. Sirous (2020), Chapter 14 Environmentally sustainable organo-modification of selected metal oxides andtheir hybrids: Characterization, properties, and utilization, In: Inamuddin, R. Boddula and A. M. Asiri (Eds.), "Green Sustainable Process for Chemical and Environmental Engineering and Science" Elsevier, Amsterdam, Netherlands, pp. 351-377.

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32. S. Mallakpour, M. Tukhani (2020) Chapter 15 Green organo-modification of cyclodextrin metal oxide hybrids: Characterization, properties, and applications, In: Inamuddin, R. Boddula and A. M. Asiri (Eds.), "Green Sustainable Process for Chemical and Environmental Engineering and Science" Elsevier, Amsterdam, Netherlands, pp. 379-406.

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33. Mallakpour, S., Naghdi, E (2020) Chapter 10 Sonochemical approach for the synthesis of organo-modified layered double hydroxides and their applications. In: Inamuddin, R. Boddula and A. M. Asiri (Eds.), "Green Sustainable Process for Chemical and Environmental Engineering and Science" Elsevier,

Amsterdam, Netherlands, pp. 257-286.

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34. Mallakpour, S., Azadi, E (2020) Chapter 11 Sonochemical protocol for the organo-synthesis of TiO2 and its hybrids: Properties and applications. In: Inamuddin, R. Boddula and A. M. Asiri (Eds.), "Green Sustainable Process for Chemical and Environmental Engineering and Science" Elsevier, Amsterdam, Netherlands, pp. 287-323.

Chapter link: https://www.sciencedirect.com/science/article/pii/B9780128195406000115

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35. Mallakpour, S., Tabesh, F (2021) Chapter 17 Microwave-assisted synthesis of chiral polymeric materials: Properties and applications. In: Inamuddin, R. Boddula and A. M. Asiri (Eds.), "Green Sustainable Process for Chemical and Environmental Engineering and Science" Elsevier, Amsterdam, Netherlands, pp. 679-694.

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36. Mallakpour S., Tabesh F. (2021) Metal Oxides and Biopolymer/Metal Oxides Bionanocomposites as Green Nanomaterials for Heavy Metal Ions Removal. In: Kumar V., Guleria P., Ranjan S., Dasgupta N., Lichtfouse E. (Eds.) Nanotoxicology and Nanoecotoxicology Vol. 2. Environmental Chemistry for a Sustainable World, vol 67. Springer, Cham. pp. 55-95. Chapter Link: https://doi.org/10.1007/978-3-030-69492-0_3.

37. S. Mallakpour, V. Behranvand, (2021), Chapter 4, Waste-mediated synthesis of polymer nanocomposites and assessment of their industrial potential exploitations, In: Chaudhery Mustansar Hussain (Ed.), Handbook of Polymer Nanocomposites for Industrial Applications, A volume in Micro and Nano Technologies, Elsevier, 147-167. Chapter Link:

https://www.sciencedirect.com/science/article/pii/B9780128214978000046.

38. S Mallakpour, M Hatami (2021) Chapter 10, Polymer/layered double hydroxide nanocomposites: Modern industrial applications, In: Chaudhery Mustansar Hussain (Ed.), Handbook of Polymer Nanocomposites for Industrial Applications, A volume in Micro and Nano Technologies, Elsevier, Pages 325-355. Chapter Link: https://www.sciencedirect.com/science/article/pii/B9780128214978000101.

39. S. Mallakpour, E. Khadem, (2021), Chapter 15, Recent progress in hybrid nanocomposites containing chitosan/metal oxide as innovative adsorbents for water remediation, In: Chaudhery Mustansar Hussain (Ed.), Handbook of Polymer Nanocomposites for Industrial Applications, A volume in Micro and Nano Technologies, Elsevier, 437-454. Chapter Link: https://www.sciencedirect.com/science/article/pii/B9780128214978000150

40. S Mallakpour, F Azimi (2021) Chapter 16, Current development in poly (vinyl alcohol) nanocomposites for heavy metal ions removal, In: Chaudhery Mustansar Hussain (Ed.), Handbook of Polymer Nanocomposites for Industrial Applications, A volume in Micro and Nano Technologies, Elsevier, pp. 455-476. Chapter Link: https://www.sciencedirect.com/science/article/pii/B9780128214978000162.

41. S. Mallakpour, S. Rashidimoghadam, Chapter 17, Utilization of starch and starch/carbonaceous nanocomposites for removal of pollutants from wastewater, In: Chaudhery Mustansar Hussain (Ed.), Handbook of Polymer Nanocomposites for Industrial Applications, A volume in Micro and Nano Technologies, Elsevier, pp. 477-502. Chapter Link: https://www.sciencedirect.com/science/article/pii/B9780128214978000174

42. S. Mallakpour, F. Tabesh, (2021) Chapter 18, Application of gum polysaccharide nanocomposites in the removal of industrial organic and inorganic pollutants, In: Chaudhery Mustansar Hussain (Ed.), Handbook of Polymer Nanocomposites for Industrial Applications, A volume in Micro and Nano Technologies, Elsevier, pp. 503-528. Chapter Link: https://www.sciencedirect.com/science/article/pii/B9780128214978000186.

43. Nanoproducts: Biomedical, Environmental, and Energy Applications. S Mallakpour, CM Hussain, S Kaushik. Handbook of Consumer Nanoproducts, 1-26

1. Mallakpour, S., Khadem, E (2020) Chapter 1 Pollutant remediation from water using polymeric nanocomposites having chitosan, poly(vinyl alcohol) and nanofillers. In Green Chemistry for the Sustainable Development of Chemical Industry: Nanostructured Materials. Springer. (Revised 2)

2. Mallakpour, S., Behranvand, V. (2020) chapter 11 Recent progress in the wastewater sanitization from pollutants using sponges. In Green Composites 2: Industrial Applications. Springer (Revised 2)

3. Mallakpour, S., Naghdi, M. (2019) Chapter 9 Application of natural gums and their composites for the removal of pollutants from wastewater. In Natural Materials based Green Composites 2: Bomass. Springer (Revised 2)

Editorial Board

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6. International Journal of Materials

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PAPERS PRESENTED AT MEETING AND CONGRESSES

1. The 35th Southeastern Regional Meeting, American Chemical Society, Charlotte, North Carolina, November **9-11, 1983**, U.S.A.

2. The 36th Southeastern Regional Meeting, American Chemical Society, Raleigh, North Carolina, October **26-28, 1984**, U.S.A.

3. The 19th American Chemical Society, Meeting, New York, New York, April **13-18, 1986**, International Meeting, U.S.A.

4. The 2nd Annual Iranian Chemistry and Chemical Engineering Congress, Ferdowsi University of Mashhad, Mashhad, September **7-10, 1987**, I.R.Iran.

5. The 3rd Annual Iranian Chemistry and Chemical Engineering Congress, University of Sistan and Baluchestan, Zahedan, September **4-7, 1988**, I.R.Iran.

6. The 4th Annual Iranian Chemistry and Chemical Engineering Congress, University of Gilan, Rasht,

September **4-7, 1989**, I.R.Iran.

7. The 5th Annual Iranian Chemistry and Chemical Engineering Congress, Department of Chemical Engineering, Iran University of Science and Technology, Tehran, August **27-30, 1990**, I.R.Iran.

8. The 2nd Polymer Science and Technology Meeting, Amir-Kabir University of Technology, Tehran, March, **12-14, 1991**, I.R.Iran.

9. The 3rd European Symposium on Organic Reactivity, University of Goteborg, Goteborg July **7-12, 1991**, Sweden.

10. The 2nd Iranian Seminar on Organic Chemistry, Mazandaran University, Babolsar, June **16-18, 1992**, I.R.Iran.

11. Toronto International Conference on Organic Reactive Intermediates, University of Toronto, Scarborough Campus, July **30**-August **2, 1992**, Canada.

12. 1st International & 8th National Congress on Chemistry and Chemical Engineering Shahid Beheshti University, Tehrah September **1-3**, **1993** I.R.Iran.

13. The 1st International & 3rd National Seminar of Polymer Science and Technology, Shiraz University, Shiraz, May **2-4, 1994**, I.R.Iran.

14. The 3rd Iranian Seminar of Inorganic Chemistry, Tabriz University, Tabriz, August **2-3, 1994,** I.R.Iran.

15. The 3rd Iranian Seminar of Organic Chemistry, Teacher,s Training University of Arak, Arak, August **16-18, 1994**, I.R.Iran.

16. Makromolekulares Kolloquium, Freiburg, February, **23-25, 1995**, Germany.

17. The 5thIranian Seminar of Organic Chemistry, College of Chemistry, Isfahan University of Technology,

Isfahan, August **17-19, 1996**, I.R.Iran.

18. The 11th Annual Iranian Chemistry and Chemical Engineering Congress, Department of Chemistry, Tarbiyetmoallem University, Tehran, September, **3-5, 1996**, I.R.Iran.

19. The 3rd International Rubber Conference, Tehran,October, **28-30, 1996**, I.R. Iran.

20. The 6th Iranian Seminar of Organic Chemistry, College of Chemistry, University of Tabriz, Tabriz, August **19-21, 1997**, I.R.Iran **(4 papers were presented).**

21. The 2nd International and the 12th National Congress of Chemistry and Chemical Engineering of Iran, Department of Chemistry, Faculty of Science, Shahid Bahonar University of Kerman, Kerman, August **31**-September **2, 1997**, I.R.Iran **(2 papers were presented).**

22. International Seminar on Polymer Science and Technology, 97, Polymer Research Center of Iran, Tehran, November **3-5, 1997**, I.R. Iran **(4 papers were presented).**

23. The 13th National Congress of Chemistry and Chemical Engineering of Iran, Department of Chemistry, Faculty of Science, Terbeyet Moderress University, Tehran, February **16- 18, 1999**, I.R.Iran **(19 papers were presented).**

24. The 14th Interational Conference on the Chemistry of the Organic State (ICCOSS XIV), Robinson College and Cambridge University, Cambrige, UK, July **25-30, 1999**, UK.

25. The 7th Iranian Seminar of Organic Chemistry, Department of Chemistry, Faculty of Science, University of Tehran, Tehran, September **12-13, 1999**, I.R. Iran **(14 papers were presented).**

25. The 8th Iranian Seminar of Organic Chemistry, Department of Chemistry, University of Kashan, Kashan, May **16-18, 2000**, I.R.Iran **(26 papers were presented).**

26. The 19th Intenational Symposium of Organic Chemistry of Sulfur, Department of Chemistry, University

of Sheffield, Sheffield, June **25-30, 2000**, UK **(2 papers were presented).**

27. The 5th Seminar on Polymer Science and Technology, Amir-Kabir University of Technology, Tehran, Sept. **12-14, 2000**, I.R.Iran. **(1 papers was presented).**

28. The 6th Congress on Chemical Engineering, Isfahan University of Technology, Isfahan, May. **8-11, 2001**, I.R.Iran. **(2 papers was presented).**

29. Europolymer Congress Eindhoven University of Technology, Eindhoven, The Netherlands July **15-20, 2001**, Netherlands. **(1 papers was presented).**

30. Polymer in the Third Millennium, University of Montpellier II, Montpellier. Sept. **02-06, 2001**, France. **(1 papers was presented).**

31. The 9th Iranian Seminar of Organic Chemistry, Department of Chemistry, University of Imam Hossein, Tehran, Oct. **16-18, 2001**, I.R.Iran **(31 papers were presented).**

32. IUPAC WORLD POLYMER CONGRESS 2002**,** 39th international Symposium on Macromalecules Beijing, July. **07-12, 2002**, China. **(1 papers was presented).**

33. The 10th Iranian Seminar of Organic Chemistry, Department of Chemistry, Guilan University, Rasht, Sept. **10-12, 2002**, I.R.Iran **(28 papers were presented).**

34. IUPAC POLYMER CONGRESS-PC 2002, Kyoto, Dec. **02-05, 2002**, Japan. **(1 papers was presented).**

35. The 6th Iranian Seminar on Polymer Science and Technology, (**ISPST2003**) Iran Polymer and Petrochemical Institute, Tehran, May. **12-15, 2003**, I.R.Iran. **(4 papers was presented).**

36. International Symposium on Environmental Degradation of Materials and Corrosion Control in Metals, 2nd**,** Vancouver, BC, **Aug. 24-27, 2003** Canada, **(1 papers was presented).**

37. The 14th Iranian Chemistry and Chemical Engineering Congress, Department of Chemistry, Faculty of Science, Terbeyet Moallem University, Tehran, February **17-19, 2004**, I. R. Iran **(17 papers were presented).**

38. IUPAC WORLD POLYMER CONGRESS 2004**,** 40th international Symposium on Macromalecules Paris, July **04-09, 2004**, France. **(4 papers was presented).**

39. The 11th Asian Chemical Congress (11 ACC), Korea University, Seoul, Korea, August **24-26, 2005**. **(6 papers were presented).**

40. The 11th Iranian Seminar of Organic Chemistry, Department of Chemistry, Isfahan University of Technology, Isfahan, Feb. **1-3, 2005**, I.R.Iran **(28 papers were presented).**

41. The 7th Iranian Seminar on Polymer Science and Technology, (**ISPST2005**) Iran Amirkabir University of Technology, Tehran, Sept. **27-29, 2005**, I.R.Iran. **(28 papers was presented).** Two papers were selected as best papers.

42. The 12th Iranian Seminar of Organic Chemistry, Ahwaz Jundi Shapour University of Medical Sciences, Ahwaz, March. **7-9, 2006**, I.R.Iran **(25 papers were presented).**

43. Polycondensation 2006, Koc University, Istanbul, Turkey, Aug. 27-30, 2006, invited lecture. **(1 paper was presented).**

44. The 13th Iranian Seminar of Organic Chemistry, Bu-Ali Sina University, Hamedan, Sept. **7-9 2006**, I.R.Iran **(17 papers were presented).**

45. The 2nd International Conference on Advances in Petrochemichals and Polymers (ICAPP2007), Chulalongkorn University's Petrolleum and Petrochemical College, Chulalongkorn University, Bangkok, Thailand, June **25-28, 2007**. **(3 papers were presented).**

46. The 12th Asian Chemical Congress (12 ACC), Putra World Trade Centre, Kuala Lumpur, Malaysia, August **23-25, 2007**. **(3 papers were presented).**

47. The 8th Iranian Seminar on Polymer Science and Technology, (**ISPST2007**) Iran Sharif University of Technology, Tehran, Oct. **23-25, 2007**, I.R.Iran. **(15 papers was presented).** Two papers were selected as best papers.

48. The 14th Iranian Seminar of Organic Chemistry, University of Zabol, Zabol, March. 4-6 **2008**, I.R.Iran **(6 papers were presented).**

49. International Catalysis Conference (ICC 2008), Shahid Beheshti University, Tehran, I.R.Iran, April 28-30 **2008**, **(1 paper was presented).**

50. The 15th Iranian Seminar of Organic Chemistry (15ISOC), Razi University Kermanshah, Iran, **2008**, August, 27-29, I.R.Iran **(13 papers were presented).**

51. 2nd International Congress on Nanoscience and Nanotechnology Faculty of Chemistry, University of Tabriz 28-30 October **2008**, **(2 papers were presented).**

52. The 6th Chemistry Conference, Payame Noor University, Zanjan, Abhar, Iran, 15-16 November **2008**, **(5 papers were presented).**

53. International Conference on Green & Sustainable Chemistry - ICGSC 2009, 3-5 Aug., **2009**, Singapore, **(1 paper was presented).**

54. The 16th Iranian Seminar of Organic Chemistry (16ISOC), Zanjan University Zanjan, Iran, **2009**, August, 18-20, I.R.Iran **(8 papers were presented).**

55. The 13th Asian Chemical Congress (13 ACC), Shanghai International Conference Center, Shanghai, China, Sept. **13-16, 2009**. **(1 paper was presented).**

56. The 9th International Seminar on Polymer Science and Technology, (**ISPST2009**) Iran Polymer and Petrochemical Institute, Tehran, Oct. **17-21, 2009**, Iran. **(24 papers were presented).** One paper was selected as best presentation.

57. ISESCO Inrernational Workshop and Conference on Nanotechnology **(IWCN2010)**, Kuala Lumpur, January **25-27, 2010**, Malaysia. **(1 paper was presented)**.

58. The 17th Iranian Seminar of Organic Chemistry (17ISOC), University of Mazandaran, Babolsar, Iran, **2010**, 13-15 October, I.R.Iran **(18 papers were presented).**

59. The Polymer Processing Society 2011 (PPS 2011), Asia/Australia regional meeting, November 14-17, 2011, Kish Island, Iran. **(5 paper were presented).**

60. The 2nd FAPS Polymer Congress (FAPS-PC2011), China National Convention Center (CNCC), Beijing, China, 8-11 May 2011. **(2 paper were presented).**

61. International Conference on Nanotechnology 2012 (ICONT 2012), Faculty of Industrial Sciences & Technology, Universiti Malaysia Pahang, Lebuhraya Tun Razak, 26300 Gambang Pahang, MALAYSIA. **(2 paper were presented).**

62. 10th International Seminar of Polymer Science and Technology (ISPST 2012), Amirkabir University of Technology, Tehran, Iran, 21-25 October 2012. **(14 paper were presented).**

63. The 18th Iranian Seminar of Organic Chemistry (18ISOC), University of Sistan and Baluchestan, Zahedan, Iran, **2012**, 7-9 March, I.R.Iran **(6 papers were presented).**

64. The 20th Iranian Seminar of Organic Chemistry (20ISOC), Bu-Ali Sina University, Hamedan, Iran, **2013**, 3-5 July, I.R.Iran **(5 papers were presented).**

65. The 22th Iranian Seminar of Organic Chemistry wich was held on 19-21 Agust 2014 at the Faculty of chemistry, University of Tabriz **(11 papers were presented).**

66. The 18th Iranian congress of Chemistry wich was held on **30 August- 1 September** 2015 at University of Semnan **(2 papers were presented).**

67. The 23th Iranian Seminar of Organic Chemistry wich was held on 8-10 September 2015 at University of Sanandaj **(5 papers were presented).**

68. 3rd International Congress on Nnoscience and Nanotechnology wich was held on 2-3 July 2015 at Istanbul, Turkey **(2 papers were presented).**

69. 24th Iranian Seminar of Organic Chemistry which was held on 24-26 August 2016 at Tabriz, Iran **(9 papers were presented).**

70. 25th Iranian Seminar of Organic Chemistry which was held on 2-4 September, 2017 at Iran University of Science and Technology (IUST), Tehran, Iran **(10 papers were presented).**

71. 26th Iranian Seminar of Organic Chemistry which was held on 12-14 March, 2019 at Iran University of Zabol, Zabol, Iran **(6 papers were presented).**

Totally 436 paper were presented