

Curriculum Vitae



مجتبی میرزائی

مرتبه علمی: مربی

آدرس: تهران - کیلومتر ۱۷ اتوبان کرج - بلوار پژوهش - پژوهشگاه شیمی و مهندسی شیمی ایران

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تلفن ۴۴۵۸۰۷۱۷

تحصیلات:

- دانشجوی دکتری شیمی کاربردی دانشگاه تهران
- کارشناسی ارشد شیمی آلی از پژوهشگاه شیمی و مهندسی شیمی ایران (۱۳۷۹)
- کارشناسی شیمی کاربردی از دانشگاه تبریز (۱۳۷۶)

طرحهای تحقیقاتی:

۱. طرح سنتز مواد اولیه دارویی: پاراهیدروکسی فنیل گلايسين
۲. طرح سنتز کاتالیزور های زیر کونوسن
۳. سنتز بیس [۱-(۱-نفتیل)-۱-ایندیل] زیر کونیوم دی کلراید
۴. مطالعات کتابخانه ای سنتز پارا آمینو فنل
۵. جفت شدن همگن اکسایشی استیلنی های انتهایی در حضور کاتالیزورهای CuI , CuCl , CuCl_2 بر روی بستر آلومینای اسیدی تحت تابش میکروویو
۶. جفت شدن همگن اکسایشی استیلنی های انتهایی در حضور کاتالیزور $\text{Cu}(\text{OAc})_2 \cdot \text{H}_2\text{O}$ بر روی بستر $\text{KF}/\text{Alumina}$ در دمای اتاق
۷. بازیابی کتونها از دی متیل هیدرازونهای مربوطه
۸. پروژه سنتز بنزیدین استن از تولوئن
۹. استخراج اسانس از سه گونه مختلف اوکالیپتوس استان کرمان و شناسایی و مقایسه ترکیبات موجود در اسانسها به دو روش Steam Distillation و Distillation
۱۰. سنتز حدواسط های دارویی دیوکسابورینینی در محیط مایع یونی $[\text{Bmim}]\text{BF}_4$

Personal

Name: Mojtaba

Last name: Mirzaei

Present Position:

- Research Associate of Chemistry & Chemical Engineering Research Center of Iran(CCERCI), Tehran, Iran
- Ph.D student in Applied Chemistry in Tehran university, Tehran, Iran

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Birth date: May, 1974

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Academic Qualifications

<i>Degree</i>	<i>Graduation Date</i>	<i>University</i>		<i>Thesis Title</i>
B.Sc.	February 1998	Tabriz University (Iran)	Applied Chemistry	
M.Sc.	November 2000	CCERCI (Iran)	Organic Chemistry	1)Solvent-Free Aminoalkylation of phenols and indoles assisted by microwave irradiation 2) Rapid Microwave Induced Palladium Catalyzed Amination of Aryl Bromides

Ph.D Student	-	Tehran University (Iran)	Applied Chemistry	Behavior evaluation of nanoporous silica supported ionic liquids in natural gas sweetening
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Academic Qualifications

Research Associate of Organic Chemistry in CCERCI from 2002.

Areas of Research Interest

Acid gas removing by the neat and solid supported ionic liquids from ambient to high pressure conditions.

Synthesis of Bioactive Molecules and Pharmaceutical Chemistry

New Methodologies in Organic Synthesis (including Green Chemistry, Microwave Assisted Organic Reactions, New Solvent for Organic Synthesis)

Catalytic Organic Reactions (Especially Copper, Palladium and Zirconium catalyst)

Publications

a) Published Research Paper in Journals of International Repute

- **Papers from MSc Thesis (ISI)**
- Sharifi A., **Mirzaei M.**, Naimi-Jamal M.R., Solvent-Free Aminoalkylation of phenols and indoles assisted by microwave irradiation, *Monatshefte für chemie*, 131, 2001, 875-880.
- Sharifi A., Hosseinzadeh R., **Mirzaei M.**, Rapid Microwave Induced Palladium Catalyzed Amination of Aryl Bromides, *Monatshefte fuer Chemie*, 133 (2002) 3, 329-332.
- **Other ISI Papers**

1. Hosseinzadeh R., Sharifi A., **Mirzaei M.** and Tabar Heydar K., Montmorillonite K-10 as Highly Efficient and Mild Catalyst for Deprotection of Ketone Dimethylhydrazones Using Microwaves in a Solventless System, *Zeitschrift fuer Naturforschung.*, 2002, 57b, 961-962.
2. Sharifi A., **Mirzaei M.**, Naimi-Jamal R., Copper-catalysed oxidative homo-coupling of terminal acetylenes on alumina assisted by microwave irradiation, *J. Chem. Research(S)*, 2002, 628-30.
3. Sharifi A., Hosseinzadeh R., **Mirzaei M.**, A Facile Deprotection of N,N-Dimethylhydrazones Using Montmorillonite KSF as Catalyst, *Chemistry: An Indian Journal*, 2003, 53-56.
4. Sharifi A., **Mirzaei M.**, Naimi-Jamal MR., Mild and Solvent-Free Alkynylation of Ketones on the KF/Alumina, *Synthetic Communications*, 2005, 35 (8): 1039-44.
5. Sharifi A., **Mirzaei M.**, Naimi-Jamal MR., Modified Glaser Reaction of Terminal Alkyne on KF/Alumina, *Monatshefte fuer Chemie*, 2006, 137, 213-7.
6. Naimi-Jamal MR., **Mirzaei M.**, Bolourtchian M., Sharifi A., One-Pot Solvent-Free Preparation of 2-Phenyl-1,3,2-aryldioxaborins on Acidic Alumina, *Synthetic Communications*, 2006, 36, 2711-7.
7. Sharifi A., Abaee M.S., **Mirzaei M.**, Abedi V, Solvent-free solid-supported recovery of carbonyl compounds from N,N-dimethylhydrazones under microwave irradiation, *Arkivoc*, 2006 (xv) 17-21.
8. Sharifi A., **Mirzaei M.**, Naimi-Jamal M.R., A facile solvent-free one-pot three-component Mannich reaction of aldehydes, amines and terminal alkynes catalysed by CuCl₂, *J. Chem. Research*, 2007, 129–132.
9. Sharifi A., Salimi R., **Mirzaei M.**, Abaee M.S., Darzens Reaction Promoted by KF/Alumina: A Novel Stereoselective Method for Rapid and Efficient Synthesis of trans- α,β -Epoxy Ketones, *Synth, Commun.* 2007, 37: 1825–1832.

10. Sharifi, A.; Abaee, M. S.; **Mirzaei, M.**; Salimi, R. Ionic Liquid Mediated Darzen's Condensation: An Environmentally Friendly Procedure for Room Temperature Synthesis of α,β -Epoxy Ketones. *J. Iran Chem. Soc.* 2008, 5, 135-139.
11. Sharifi, A.; Abaee, M. S.; Tavakkoli, A.; **Mirzaei, M.**, Zolfaghari, A. R. Facile Montmorillonite K-10 Supported Synthesis of Xanthene Derivatives under Microwave and Thermal Conditions. *Synth. Commun.* 2008, 38, 2958-2966.
12. Sharifi, A.; Abaee, M. S.; Tavakkoli, A.; **Mirzaei, M.** An Efficient and General Procedure for Room-Temperature Synthesis of Benzofurans under Solvent-Free Conditions Using $\text{KF}/\text{Al}_2\text{O}_3$. *J. Iran Chem. Soc.* 2008, 5, S113-S117.
13. Sharifi, A.; Abaee, M.S.; Zamiri, B.; **Mirzaei, M.** Efficient Ionic Liquid Promoted Synthesis of Benzofurans at Room-Temperature *Chem. Listy* 2008, 102, s978-s780.
14. Mokhtarani B.; Sharifi A.; Mortaheb H.R.; **Mirzaei M.**; Mafi M.; Sadeghian F., Density and Viscosity of Pyridinium Based Ionic Liquids and Their Binary Mixtures with Water at Several Temperatures, *J. Chem. Thermodynamics*, 2009, 41, 323-9.
15. Mokhtarani B.; Sharifi A.; Mortaheb H.R.; **Mirzaei M.**; Mafi M.; Sadeghian F., Density and viscosity of 1-butyl-3-methylimidazolium nitrate with ethanol, 1-propanol, or 1-butanol at several temperatures, *J. Chem. Thermodynamics*, 2009, 41, 1423-8.
16. Sharifi, A., Abaee M.S., **Mirzaei M.**; Chemoselective Synthesis of Diphenylbenzolactones under Montmorillonite K-10 Catalysis, *Heterocyclic Communications*, 15, 2009, 319-322
17. Mortaheb H.R.; Mafi M.; Mokhtarani B.; Sharifi A.; **Mirzaei M.**; Khodapanah N.; Ghaemmaghami F., Experimental kinetic analysis of ethylene absorption in ionic liquid $[\text{Bmim}]\text{NO}_3$ with dissolved AgNO_3 by a semi-continuous process, *Chemical Engineering Journal*, 2010, 158, 384-392.
18. Sharifi A., Barazandeh M. , Abaee M. S., **Mirzaei M.**,; $[\text{Omim}][\text{BF}_4]$, a green and recyclable ionic liquid medium for the one-pot chemoselective synthesis of benzoxazinones, *Tetrahedron Lett.*, 2010, 51, 1852-1855.

19. Sharifi A., Abaee M.S., **Mirzaei M.**, Naimi-Jamal M.R.; One-Pot Self-Condensation of Phenylboronic Acid with Phenols and Aldehydes *Asian Journal of Chemistry*, 2010, 22, 8, 6519-6523.
20. Mokhtarani B., Sharifi A., Mortaheb H. R., **Mirzaei M.**, Mafi M., Sadeghian F.; Densities and Viscosities of Pure 1-Methyl-3-octylimidazolium Nitrate and Its Binary Mixtures with Alcohols at Several Temperatures *Journal of Chemical and Engineering Data*, 2010, 55, 9, 3901-3908.
21. Sharifi A., Barazandeh M., Abaee M. S., **Mirzaei M.**; Efficient Synthesis of Various Benzoxazinones Using K_2CO_3/H_2O in [Omim][BF_4] Ionic Liquid *Org. Chem. J.* 2011, 1, 55-62.
22. Sharifi A., Barazandeh M., Abaee M. S., **Mirzaei M.**; K_2CO_3/H_2O in [omim][BF_4] Ionic Liquid: A Green Medium for Efficient Room-Temperature Synthesis of *N*-Substituted 1,4-Benzoxazin-3-ones, *J. Heterocyclic Chem.*, 2012, 49, 933-938.
23. Sharifi A., Abaee M. S., Rouzgard M., **Mirzaei M.**, Ionic liquid [omim][NO_3], a green medium for room-temperature synthesis of benzothiazinone derivatives in one pot *Green Chem. Lett. Rev.* 2012, 5, 649-698
24. Mokhtarani B., Valialahi L., Tabar Heidar K., Mortaheb H.R., Sharifi A., **Mirzaei M.**, Experimental study on (vapor + liquid) equilibria of ternary systems of hydrocarbons/ionic liquid using headspace gas chromatography *J. Chem. Thermodynamics* 2012, 51, 77–81.
25. Mokhtarani B., Valialahi L., Tabar Heidar K., Mortaheb H.R., Sharifi A., **Mirzaei M.**, Effect of 1-methyl 3-octylimidazolium thiocyanate on vapor–liquid equilibria of binary mixtures of hydrocarbons *Fluid Phase Equilibria* 2012, 334, 65–69.
26. Heidari M.R., Mokhtarani B., Seghatoleslami N., Sharifi A., **Mirzaei M.** Liquid–liquid extraction of aromatics from their mixtures with alkanes using 1-methyl 3-octylimidazolium thiocyanate ionic liquid *J. Chem. Thermodynamics* 2012, 54, 310–315.
27. Mokhtarani B., Musavi J., Parvini M., Mafi M., Sharifi A., **Mirzaei M.** Ternary (liquid–liquid) equilibria of nitrate based ionic liquid + alkane + benzene at 298.15 K: Experiments and correlation *Fluid Phase Equilibria* 2013, 341, 35–41.

28. Tabar Heydar K., Nazifi M., Sharifi A., **Mirzaei M.**, Gharavi H., Ahmadi H. Determination of Activity Coefficients at Infinite Dilution of Solutes in New Dicationic Ionic Liquids Based on Morpholine Using Gas–Liquid Chromatography *Chromatographia* 2013, 76, 3-4, 165-175.
29. Sharifi A., Abaee M.S., Rouzgard M., **Mirzaei M.** [Omim][NO₃], a Green and Base-Free Medium for One-Pot Synthesis of Benzothiazinones at Room Temperature *Synth. Commun.* 2013, 43, 2079-2089.
30. Tabar Heydar K., Gharavi H.G. , Nazifi M., **Mirzaei M.**, Sharifi A., Using binary mixtures of dicationic ionic liquids for determination of activity coefficients at infinite dilution by gas–liquid chromatography *Fluid Phase Equilibria* 2013, 353, 93–100.
31. Yaghoubi Arzephonia A., Naimi-Jamala M. R., Sharifi A., Abaee M. S., **Mirzaei M.** [Omim][BF₄] ionic liquid, a green and recyclable medium for one-pot aminomethylation of electron-rich aromatic compounds *J. Chem. Research* 2013 216-218.
32. Sharifi A., Abaee M. S., Mokhtare Z., **Mirzaei M.** Room temperature synthesis of 2H-1,4-benzoxazine derivatives using a recoverable ionic liquid medium *Environ. Chem. Lett.* 2014, 12, 365–370.
33. Ahari-Mostafavi M., Sharifi A., **Mirzaei M.**, Amanlou M., Novel and versatile methodology for synthesis of b-aryl-bmercaptoketone derivatives as potential urease inhibitors *J. Iran. Chem. Soc.* 2014, 11, 1113–1119.
34. Hajfarajollah H., Mokhtarani B., Akbari Noghabi K., Sharifi A., **Mirzaei M.**, Antibacterial and antiadhesive properties of butylmethylimidazolium ionic liquids toward pathogenic bacteria *RSC Adv.*, 2014, 4, 42751.
35. Hajfarajollah H., Mokhtarani B., Sharifi A., **Mirzaei M.**, Afaghi A. Toxicity of various kinds of ionic liquids towards the cell growth and end product formation of the probiotic strain, *Propionibacterium freudenreichii* *RSC Adv.*, 2014, 4, 13153.
36. Sharifi A., Hosseini F., Ghonouei N., Abaee M. S., **Mirzaei M.**, Mesbah A. H., Harms K. Reactions of 2-aminothiophenols with chalcones in an ionic liquid medium: a

chemoselective catalyst-free synthesis of 1,5-benzothiazepines, *J. Sul. Chem.*, 2015, 36, 3, 257–269.

37. Tabar Heydar K., Afshin Rahnema M., Sharifi A., **Mirzaei M.**, Ahmadi S. H., Solvation parameter model and thermodynamic parameters in a dicationic ionic liquid based on pyrrolidinium, *J. Chem. Thermodynamics*, 84, 2015, 101–107.
38. Tabar Heydar K., Naghdi E., Sharifi A., **Mirzaei M.**, Ahmadi S. H., Preparation and evaluation of silica-based Noctylimidazolium stationary phases for HPLC, *Anal. Methods*, 2015, 7, 5074.

- **Presented papers at international conferences and seminars**

39. Sharifi A., **Mirzaei M.**, Naimi-Jamal M.R., Solvent-Free Aminoalkylation of phenols and indoles assisted by microwave irradiation, *Green Chemistry Conference*, Swansea, Great Britain, 3-6 April 2001, P 42.
40. Sharifi A., Abaee M.S., Salimi R., **Mirzaei M.**, Darzens Reaction Promoted by KF/Alumina: A Novel Stereoselective Method for Rapid and Efficient Synthesis of trans- α,β -Epoxy Ketones, *12th Asian Chemical Congress*, Kuala Lumpur, Malaysia, August 23-25, 2007, P 79.
41. Sharifi, A.; Abaee, M.S.; Zamiri, B.; **Mirzaei, M.** Efficient Ionic Liquid Promoted Synthesis of Benzofurans at Room-Temperature *4th Meeting on Chemistry and Life*, Brno, Czech Republic, 2008.
42. Sharifi A., **Mirzaei M.**, Abaee, M.S.; "Novel Montmorillonite Supported Synthesis of Benzofuran-2(3H)-ones via Codensation of Benzil with Phenols", *8th Green Chemistry Conferences*, Zaragoza, Spain, September 9-12, 2009, P 249

- **Presented papers at international conferences and seminars held in Iran**

- **Presented papers at Iran national conferences and seminars**

43. Sharifi A., Naimi Jamal M.R., **Mirzai M.**, Aminoalkylation of Electron-Rich Aromatic Compounds under Microwave Irradiation on Solid Supports, *8th Iranian Seminar of Organic Chemistry*, Kashan, Iran, May 16-18, 2000, P. 247.

44. Sharifi A., **Mirzaei M.**, Bolourtchian M., Copper-Catalyzed Oxidative Homocoupling of Terminal Acetylenes on Solid Support Assisted by Microwave, *9th Iranian Seminar in Organic Chemistry*, October, 16-18, 2001, Tehran, Iran.
45. Sharifi A., **Mirzaei M.**, Hosseinzadeh R., Rapid Microwave Induced Palladium Catalyzed Amination of Aryl Bromides, *9th Iranian Seminar in Organic Chemistry*, October, 16-18, 2001, Tehran, Iran.
46. Hosseinzadeh R. Sharifi A., **Mirzaei M.**, Tabar-Heydar K., Solid State Regeneration of Ketones Under Microwave Irradiation, *9th Iranian Seminar in Organic Chemistry*, October, 16-18, 2001, Tehran, Iran.
47. Sharifi A., **Mirzaei M.**, Bolourtchian M., Synthesis of Bis(1-(1-Naphthyl)-Indene Zirconium dichloride, *9th Iranian Seminar in Organic Chemistry*, October, 16-18, 2001, Tehran, Iran.
48. Sharifi A., **Mirzaei M.**, Bolurtchian M., Homo-Coupling of Terminal Acetylenes on KF/Alumina, *10th Iranian Seminar in Organic Chemistry*, Sep, 10-12, 2002, Rasht, Iran.
49. Sharifi A., **Mirzaei M.**, Bolurtchian M., Microwave Assisted Deprotection of Dimethylhydrazones to Corresponding Carbonyl Compounds with New Reagents, *10th Iranian Seminar in Organic Chemistry*, Sep, 10-12, 2002, Rasht, Iran.
50. Sharifi A., **Mirzaei M.**, Hosseinzadeh R., Tabar Hydar K., Deprotection of Dimethylhydrazones to Corresponding Carbonyl Compounds on Montmorillonite-KSF at Room Temperature, *10th Iranian Seminar in Organic Chemistry*, Sep, 10-12, 2002, Rasht, Iran.
51. Hosseinzadeh R., Sharifi A., **Mirzaei M.**, Tabar Hydar K., CeCl₃.7H₂O as highly efficient and mild catalyst for deprotection of dimethylhydrazones using microwaves in a solventless system, *10th Iranian Seminar in Organic Chemistry*, Sep, 10-12, 2002, Rasht, Iran.
52. Sharifi A., Abedi V., **Mirzaei M.**, Tabar Heydar K., Silica gel as Mild Catalyst for the Deprotection of Dimethylhydrazones, *14th Iranian Chemistry & Chemical Engineering Congress*, 17-19 Feb. 2004, Tehran, Tarbiat Moallem University
53. Sharifi A., **Mirzaei M.**, Bolourtchian M., Darzen Reaction of α -Haloesters with Aromatic Aldehydes om KF-Alumina, *14th Iranian Chemistry & Chemical Engineering Congress*, 17-19 Feb. 2004, Tehran, Tarbiat Moallem University.

54. Sharifi A., Naimi-Jamal M.R., **Mirzaei M.**, Synthesis of Dioxaborinines on Alumina and under Microwave Irradiation. *14th Iranian Chemistry & Chemical Engineering Congress*, 17-19 Feb. 2004, Tehran, Tarbiat Moallem University.
55. Sharifi A., **Mirzaei M.**, Alkynylation of Ketones on KF Alumina Surface at Room Temperature, *14th Iranian Chemistry & Chemical Engineering Congress*, 17-19 Feb. 2004, Tehran, Tarbiat Moallem University.
56. Sharifi A., **Mirzaei M.**, A Highly Efficient Three-Component Coupling of Aldehyde, Alkyne and Amines Catalyzed by Copper Chlorides or Solid Supports, 1-3 Feb. 2005, Isfahan, Isfahan University of Technology.
57. Sharifi A., **Mirzaei M.**, Bolourtchian M., Synthesis of Allenes from Propargyl Ethers under Microwave Irradiation on KF/Alumina, *12th Iranian Seminar of Organic Chemistry*, 7-9 March 2006, Ahwaz, Ahwaz Jundi Shapour University of Medical Sciences.
58. Sharifi A., **Mirzaei M.**, Salimi R., Darzens Reaction of α -Chloroesters with Aromatic Aldehydes by KF-Alumina as Base, *12th Iranian Seminar of Organic Chemistry*, 7-9 March 2006, Ahwaz, Ahwaz Jundi Shapour University of Medical Sciences.
59. Sharifi A., **Mirzaei M.**, Naimi-Jamal M.R., Bolourtchian M., Modified Glaser Reaction of Terminal Alkynes on KF-Alumina *12th Iranian Seminar of Organic Chemistry*, 7-9 March 2006, Ahwaz, Ahwaz Jundi Shapour University of Medical Sciences.
60. Sharifi A., **Mirzaei M.**, Salimi R., Darzens Condensation Reaction on KF/Alumina, *13th Iranian Seminar of Organic Chemistry*, 7-9 September 2006, Hamadan, Bu-Ali Sina University.
61. Sharifi A., **Mirzaei M.**, Modified Heterocoupling Reaction of Terminal Alkyne on KF/Alumina, *13th Iranian Seminar of Organic Chemistry*, 7-9 September 2006, Hamadan, Bu-Ali Sina University.
62. Sharifi A., Ipaktschi J., **Mirzaei M.**, Synthesis of bis[2-(o-methoxyethylphenyl)indenyl]Zirconium Dichloride as Catalyst for Polymerization of Olefins. *13th Iranian Seminar of Organic Chemistry*, 7-9 September 2006, Hamadan, Bu-Ali Sina University.
63. Sharifi, A.; Tavakkoli A.; Abaee M.S.; **Mirzaei M.**; Zolfaghari A., Facile Montmorillonite K-10 Supported Synthesis Of Xanthene Derivatives Under Microwave

- And Thermal Conditions, *14th Iranian Seminar of Organic Chemistry*, , Zabol, Iran, March 4-6, 2008
64. Sharifi, A.; Tavakkoli A.; Abaee M.S.; **Mirzaei M.**, An Efficient and General Procedure for Room-Temperature Synthesis of Benzofurans under Solvent-Free Conditions Using $\text{KF/Al}_2\text{O}_3$, *14th Iranian Seminar of Organic Chemistry*, , Zabol, Iran, March 4-6, 2008
 65. Sharifi A., Zamiri B., **Mirzaei M.**, $[\text{bmim}]\text{BF}_4$ Promoted Condensation of Salicylaldehyde Derivatives with 2-Chloro-1,2-diphenylethanone, *15th Iranian Seminar of Organic Chemistry*, Kermanshah, Iran, August 27-29, 2008, P 112.
 66. Sharifi A., **Mirzaei M.**, Abaee M.S., "Novel Montmorillonite Supported Synthesis of Benzofuran-2(3H)-ones via Condensation of Benzil with Phenols" *16th Iranian Seminar of Organic Chemistry*, Aug. 18-20, 2009, Zanzan, Iran.
 67. Sharifi A., Mostafavi M.M., **Mirzaei M.**, Mokhtare Z., $[\text{Omim}]\text{Cl}$ ionic liquid as the catalyst for synthesis of quinoxalinone derivatives, *17th Iranian Seminar of Organic Chemistry*, Oct 13-15, 2010, Babolsar, Iran, p93
 68. Sharifi A., Rozgard M., **Mirzaei M.**, Mostafavi M.M., The regioselective one pot synthesis of 2-alkyl-4H-benzo[1,4]thiazine-3-ones in ionic liquid, *17th Iranian Seminar of Organic Chemistry*, Oct 13-15, 2010, Babolsar, Iran, p523
 69. Sharifi A., Mokhtare Z., Mostafavi M.M., Barazandeh M., **Mirzaei M.**, Synthesis of symmetrical 1,4-diketones in ionic liquids, *17th Iranian Seminar of Organic Chemistry*, Oct 13-15, 2010, Babolsar, Iran, p637
 70. Sharifi A., Rozgard M., Barazandeh M., **Mirzaei M.**, One-pot reductive mono-N-alkylation of aniline and nitroarene derivatives using aldehydes, *17th Iranian Seminar of Organic Chemistry*, Oct 13-15, 2010, Babolsar, Iran, p690
 71. Sharifi A., Mokhtare Z., Barazandeh M., **Mirzaei M.**, Cesium carbonate in $[\text{omim}][\text{BF}_4]$ ionic liquid: a green and recoverable medium for efficient room-temperature synthesis of various benzoxazinones in one pot, *17th Iranian Seminar of Organic Chemistry*, Oct 13-15, 2010, Babolsar, Iran, p954
 72. Sharifi A., Mokhtare Z., Barazandeh M., **Mirzaei M.**, Rouzgard M., Reduction of aromatic nitro compounds in ionic liquids with Pd/C catalyst, *17th Iranian Seminar of Organic Chemistry*, Oct 13-15, 2010, Babolsar, Iran, p1071