Curriculum Vitae

Personal

Name: Kioumars

Last name: Aghapoor

Present Position: Assistant Professor of Chemistry & Chemical Engineering Research Center of Iran (CCERCI), Tehran, Iran

Birth place: Behshahr

Birth date: June 1956

Address: Chemistry & Chemical Engineering Research Center of Iran, Pazhuhesh Blvd., 17th km of Tehran-Karaj highway, Tehran 14968-13151, Iran
Tel: +98 (21) 44787720-40; ***Fax:*** +98 (21) 44787762

E-mail: aghapoor@ccerci.ac.ir; k.aghapoor@yahoo.com

Academic Qualifications

Degree	***Graduation Date***	***University***	***Thesis Title***
M.Sc.	November 1992	University of Siegen, (Germany)	Aufkaerung von Phasendiagrammen ternaere und quaternaerer lithiumhalogenide
Ph.D.	June 2013	University of Shahidi Beheshti (Iran)	Synthesis & characterisation of chiral amino acids immobilized on MCM-41 & investigation of their catalytic activity

Areas of Research Interest

Preparation of Heterogeneous Catalysts and their Application in Synthesis of Pharmaceuticals, Essential oil extraction, Mesoporous Solid Supports, Nano Structure New Materials, Mineral Extraction.

Executive activities

- ♣ Executive supervisor of Industrial Committee for CCERCI
- ♣ Member of Research Committee for CCERCI

Academic and Industrial Research Activities

Entry	***Project Title***	**Financial support**
1	Spectroscopic & photosensitivity of Mo (VI) citrate complexes	CCERCI
2	Spectroscopy of As (III) & (V) with biological selective ligands	Azzahra University
3	Optimization of extraction of eugenol from clove bud	CCERCI
4	Investigation on acylic acids & esters	Ministry of Industry
5	Preparation of novel coagulents for waste water in industry	CCERCI
6	Optimization of the synthesis of 3 – propargyl thio – 1,2,4 – benzotriazine	CCERCI
7	Microwave promoted synthesis of benzimidazole derivatives under solvent-free conditions	CCERCI
8	Synthesis & characterization of 1,2,4 – thio triazine with Pd (II) complex	CCERCI
9	Synthesis & characterization of 1,2,4 – thio triazine with CuOAc complex	CCERCI
10	Study on the blackness of radiators	Iran Radiator
11	Method for determination of oil in condensor tubes & aluminium sheets	Zagros 2
12	Study on substituted reactions of thio triazino complexes with $PdCl_2$	CCERCI
13	Synthesis & characterization of imino thio triazines using microwaves	CCERCI
14	Synthesis & characterization of heterocyclic 1,2,4 – thio triazines	CCERCI
15	Synthesis & characterization of metal complexes of 1,2,4 – thio triazines	Ministry of Science, Research & Technology
16	Synthesis of ethyl benzoate from toluene	R & D of Petrochemical Industry

17	Bibliographical study of new Diels-Alder reactions & novel thio pyrane derivatives	CCERCI
18	Preparation of α-naphtol from naphtalene	Ministry of Hygiene
19	Investigation on thio pyrane dienes using microwaves in the presence of Lewis acids	CCERCI
20	Synthesis of DHTMAS softner	Paksan Co.
21	Production of phosphoric scid from concentrated Esfordi phosphate clay	Chimie Nak Co.
22	Analysis of some perfumes available in Iran market	CCERCI
23	Neutralization & solidification of acidic wastes	Amirkabir University
24	Investigation on different ways to synthesize quinoxalines	CCERCI
25	Study on the separation of sulfur from oil industry	CCERCI
26	Methylation of thioamides under ultrasonic irradiation	CCERCI
27	Highly pure silice from silica clay	CCERCI & Institute of Materials and Energy
28	Functionalization of carbon nanotubes	Nanotechnology Committee
29	Production of mineral silicons (TCS and TECS) in laboratory & pilote scale	Chimie Nak Co.
30	Production of organic silicons (DMDCS and DPDCS) in laboratory & pilote scale	Chimie Nak Co.
31	Determination of thinner components and the measurement of MeOH within	Institute of Standard
32	Comparison of the main components between Iranian & Japanese wheat: study on the inhibition of wheat seed germination	Ministry of Science, Research & Technology
33	Synthesis of Fe_3O_4 nanoparticles coated with dextran	Ministry of Hygiene
34	Wacker reaction of stilbenes	CCERCI
35	Synthesis of erythromycin in laboratory scale	CCERCI
36	Study in the synthesis of beta-enamino ketones and esters under various conditions	CCERCI
37	Attachment of azithromycin to carbon nanotubes	INSF صندوق حمایت از پژوهشگران کشور
38	Preparation and characterization of heterogeneous silica supported bismuth(III) chloride and their catalytic activity in N-heterocyclic condensations	CCERCI
39	Identification, study and determination of oil amount and melting point in 77 solid paraffin samples	SGS

40	مطالعات ترکیبات فسفری جهت امکان سنجی تولید محصولات با ارزش افزوده (**مجری**: خانم دکتر قاسم زاده / **همکاران**: دکتر آقاپور/ خانم دکتر افشارپور / خانم مهندس باهمت / دکتر طرلانی / خانم فلاح)	صنایع شهید زین الدین ۱۳۹۳
41	سنتز آزمایشگاهی مالونونیتریل و بهینه سازی روشهای سنتز مواد واسطه و محصول نهایی (**مجری**: دکتر دارابی / دکتر آقاپور **همکاران**: آقای محسن زاده / آقای بالاور)	مجتمع شهید میثمی ۱۳۹۳
42	ساخت و تولید آزمایشگاهی کاتالیست‌های ناهمگن بیسموت مولیبدات تثبیت شده بر روی بستر سیلیکاژل (**مجری**: دکتر آقاپور / **همکاران**: دکتر دارابی، آتنا شاکری، آقای محسن زاده)	پژوهشکده توسعه فرآیندهای شیمیایی کد پروژه موظف: ۱-۲ / پ.ک / ۹۳ اسفند ۱۳۹۳
43	سنتز نانو میله های دی اکسید تیتانیم به روش هیدروترمال و بکارگیری آنها در سلول های خورشیدی حساس شده با رنگدانه (**مجری**: دکتر صیاحی / **همکاران**: دکتر دارابی، دکتر کیانی، دکتر آقاپور، آقای محسن زاده، آقای مخاطب)	INSF صندوق حمایت از پژوهشگران کشور ۱۳۹۴

Patents

“A novel technique for the production of erythromycin oxime & erythromycin imino ether in pilot & industrial scale”

Scientific Publications

a) Books

“Art of Perfumery” Nopardazan Publications, Autumn 2005
Hossein Reza Darabi, Kioumars Aghapoor and Farshid Mohsenzadeh

b) Research Papers

1. K. Aghapoor, P. Kuske, H.J. Steiner and H.D. Lutz, "Phase Relationships of Lithium, Manganese, and chromium (III) chlorides-New Lithium Ion Conducting Materials", Mat. Res. Bull. (1993), 28, 347 – 352, (C.A. vol. 119, 1993, 1261285).

2. M.M. Heravi, K. Aghapoor, M.A. Nooshabadi and M.M. Mojtahedi, "Regioselective annelation of 3-(prop -2-ynylsulfanyl) 1,2,4-benzotriazine. To thiazolo [2,3-c] [1,2,4] benzotriazine", Monatsh. Chem. (1997), 128, 1143 – 1147.

3. M.M. Heravi, K. Aghapoor, and M.A. Nooshabadi, "Regioselective Acid–catalalyzed cyclization Reaction Unique Synthesis of Condensed Thiazoles and Selenazole", Synth. Commun. (1998), 28(2), 233 – 237.

4. K. Tabar Heydar, M.A. Nooshabadi, K. Aghapoor and M.M. Heravi, "Synthetic routes to thiazolo [2,3-b] pyrimidin – 7 ones via 2– allytiouracils", Indian J. Heterocyclic Chem. (1997), 7(2), 159 – 160.

5. M.A. Nooshabadi, K. Aghapoor, K. Tabarheydar and M.M. Heravi, "Regioselective S-N-allylic transposition of 3-allylthio-1,2,4-triazine, a convenient route to 2-methylthiazolo-1,2,4-triazines", Indian J. Heterocyclic Chem. (1998), 7(4), 301.

6. K. Aghapoor, M.M. Heravi and M.A. Nooshabadi, "Synthesis of benzimidazoles in a solvent free reaction under microwave activation", Indian J. Chem. – Section B (1998), 378, 84.

7. M. Ghassemzadeh, K. Aghapoor, M.M. Heravi and B. Neumuller, "Synthesis and crystal structure of new sulfur – palladium – nitrogen complex", Z. Anorg. Allg. Chem. (1998), 12, 624.

8. M. Ghassemzadeh, K. Aghapoor, B. Neumueller, "Synthesis and crystal structure of $[Cu_2(OAC)_4(NCMe)_2]$. 2MeCN", Z. Naturforsch. – Section B (1998), 53, 774.

9. R. Zadmard, K. Aghapoor, M. Bolourtchian and M.R. Saidi, "Solid Composite Copper – Copper Chloride Assisted Alkylation of Naphthols Promoted by Microwave Irradiation", Synth. Commun. (1998), 28, 4495.

10. M.M. Heravi, R. Zadmard, M. Bolourtchian and K. Aghapoor, “A mild, one pot acid and Pd(II) desilylation and regioselective cyclization of 2-trimethylsilyl-3-propargylthio-1,2,4-triazinenone”, Iranian J. Sci. & Tech. (1999), 151, 23.

11. M.M. Heravi, K. Aghapoor, M. Mojtahedi and H.A. Oskooie, “Selective cyclization and isomerization of 3-propargylthio -1,2,4-benzotriazine to thiazolo [2,3,-c] [1,2,4] benzotriazine”, J. Sci. I. R. Iran (1999), 10, 31 – 34.

12. M.M. Heravi, M. Tajbakhsh, M. Rahimzadeh, A. Davoodnia and K. Aghapoor, “Acid Catalyzed Regioselective Synthesis of 2-Substituted-5-Methylthiazolo[3,2-b]-S-Triazoles”, Synth. Commun. (1999), 29, 4417 – 4422.

13. M.M. Heravi, D. Ajami, K. Aghapoor and M. Ghassemzadeh, “"Zeofen", A user-friendly oxidizing reagent”, Chem. Commun. (1999), 833 – 834.

14. M.A. Nooshabadi, K. Aghapoor, M. Bolourtchian and M.M. Heravi, “Zeolite induced heterocyclization: a superior method of synthesis of imidazolidinones”, J. Chem. Res. (S) (1999), 498 – 499.

15. M.A. Nooshabadi , K. Aghapoor , H.R. Darabi and M.M. Mojtahedi, “The rapid synthesis of thiomorpholides by Willgerodt – Kindler reaction under microwave heating”, Tetrahedron Lett. (1999), 40, 7549 – 7552.

16. M.M. Heravi, M. Rahimizadeh, E. Iravani, M. Ghassemzadeh and K. Aghapoor, “Synthesis of 3-thioxopyrido [2,3-c] 1,2,4-triazine and its tricyclic derivative”, Indian J. Heterocyclic Chem. (1999), 75 – 76.

17. M.M. Heravi, M.A. Nooshabadi and K. Aghapoor, “Regioselective S→N Allylic transposition of 3-allylthio-1,2,4-triazinone without solvent and catalyst under microwave irradiation”, Phosphorus, Sulfur, and Silicon (2000), 164, 95 – 101.

18. M.M. Heravi, D. Ajami, K. Aghapoor, and M. Ghassemzadeh, “Oxidative deprotection of trimethylsilylethers to carbonyl compounds with $PdCl_2Ph(CN)_2$-CrO_3 and clay-bis(trimethyl silyl) chromate in solventless system”, Phosphorus, Sulfur, and Silicon (2000), 158, 151 – 156.

19. M.A. Nooshabadi, K. Aghapoor, M. Tajbakhsh and M.M. Heravi, “Solid State Desemicarbazonation with Hexamethylenetetramine Bromine: Regeneration of Carbonyl Compounds using Microwaves”, J. Sci. I. R. Iran. (2001), 12, 33 – 35.

20. K. Aghapoor, M.M. Heravi, M.A. Nooshabadi, and M. Ghassemzadeh, “Solid state cleavage of semicarbaones with cerium ammonium nitrate supported by wet alumina”, Monatsh. Chem. (2002), 133, 107 – 110.

21. K. Aghapoor, H.R. Darabi , K. Tabar-Heydar, “The different, but interesting behaviors of benzyl systems in the Willgerodt – Kindler under solvent-free conditions”, Phosphorus, Sulfur, and Silicon (2002), 177, 1183 – 1187.

22. H.R. Darabi, K. Aghapoor, K. Tabar-Heydar, M.A. Nooshabadi, “Synthesis of phenylthioacetomorpholide: effect of substrate on the Willgerodt–Kindler reaction”, Phosphorus, Sulfur, and Silicon (2002), 177, 1189 – 1192.

23. K. Aghapoor, H.R. Darabi, K. Tabar-Heydar, and L. Nakhshab, “Synthesis of aliphatic thiomorpholides by Willgerodt – Kindler reaction under solvent-free conditions”, Sulfur Lett. (2002), 25(6), 259 – 261.

24. H.R. Darabi and K. Aghapoor, “The Willgerodt – Kindler reaction. Some probable reaction pathways”, ISI Proceeding (2003), 25 – 28.

25. K. Aghapoor, H.R. Darabi and M. Tajbakhsh, “Extension of the Willgerodt – Kindler reaction of protected carbonyl compounds”, Tetrahedron Lett. (2004), 45, 4167.

26. H.R. Darabi, K. Aghapoor and K. Tabar-Heydar, “A fast and solvent free conversion of thioamides into thioesters”, Monatsh. Chem. (2004), 135, 79.

27. H.R. Darabi, K. Aghapoor and L. Nakhshab, “Interesting behavior of acetone under the Willgerodt – Kindler reaction conditions”, Z. Naturforsch. – Section B (2004), 59, 601 – 605.

28. T.T. Niaki, K. Aghapoor and K. Khosravi, Spectrophotometric study of citric Acid with As(III) and As(V)”, Oriental J. Chem. (2004), 20(1), 43 – 46.

29. K. Aghapoor, F. Mohsenzadeh and H.R. Darabi, “Efficient and Practical Procedures for the Synthesis of Bis-benzimidazoles in Dry Media under Various Reaction Conditions”, Z. Naturforsch. – Section B (2005), 60, 901 – 903.

30. H.R. Darabi, K. Aghapoor and F. Mohsenzadeh, “Development of a Synthesis of Diphenylthiophenes via a One-Pot Reaction of Phenylacetylene and Sulfur”, Phosphorus, Sulfur, and Silicon (2005), 180, 2483 – 2489.

31. F. Yazdani, M. Mafi, F. Farhadi, K. Tabar-Heydar, K. Aghapoor, F. Mohsenzadeh and H.R. Darabi, “Supercritical CO_2 Extraction of Essential Oil from Clove Bud: Effect of Operation Conditions on the Selective Isolation of Eugenol and Eugenyl Acetate”, Z. Naturforsch. – Section B (2005), 60, 1197 – 1201.

32. K. Khosravi, K. Aghapour and A. Motamedi, “Spectrophotometric and optical activity study of citrate – molybdenum (VI) complex”, Oriental J. Chem. (2006), 22(3), 499 – 502.

33. K. Aghapoor, F. Mohsenzadeh, G. Khanalizadeh and H.R. Darabi, “The Willgerodt – Kindler Reaction in Water: High Chemoselectivity of Benzaldehydes over Acetophenones”, Monatsh. Chem. (2007), 138(1), 61 – 65.

34. H.R. Darabi, Sh. Mohandessi, K. Aghapoor and F. Mohsenzadeh, “A Recyclable and Highly Effective Sulfamic Acid / MeOH Catalytic System for the Synthesis of Quinoxalines at Room Temperature”, Catal. Commun. (2007), 8(3), 389 – 392.

35. K. Jadidi, M. Mirhosseini Moghaddam, K. Aghapoor and R. Gharemanzadeh, “The synthesis of novel pyrrolizidines under classical, ionic liquid and solvent-free microwave-assisted conditions”, J. Chem. Res. (S) (2007), (2), 71 – 73.

36. F. Mohsenzadeh, K. Aghapoor and H.R. Darabi, “Benign Approaches for the Microwave–Assisted Synthesis of Quinoxalines”, J. Braz. Chem. Soc. (2007), 18(2), 297 – 303.

37. H.R. Darabi, Sh. Mohandessi, Y. Balavar and K. Aghapoor, “A Structure-Activity Relationship Study on a Natural Germination Inhibitor, 2-Methoxy-4-vinylphenol (MVP), in Wheat Seeds to Evaluate its Mode of Action”, Z. Naturforsch. – Section C (2007), 62, 694 – 700.

38. H.R. Darabi, K. Jadidi, A.R. Mohebbi, L. Faraji, K. Aghapoor, S. Shahbazian, M. Azimzadeh, S.M. Nasseri, "A Simple and Convenient Strategy for the Synthesis of Tolanophanes: Synthesis, Characterization and Conformational Analysis of a Novel Tolanophane", Supramol. Chem. (2008), 20(3), 327 – 333.

39. H.R. Darabi, K. Aghapoor, Y. Balavar, E. Mobedi, H. Farhangian, F. Mohsenzadeh, "Synthesis of 1, n – Acyloxy Thioamides by the Willgerodt-Kindler Reaction: Chemoselectivity of 1, 3 – Ketoesters over 1, 3 – Diketones", Z. Naturforsch. – Section B (2008), 63(8), 993 – 997.

40. H.R. Darabi, F. Tahoori, K. Aghapoor, F. Taala, F. Mohsenzadeh, "NH4Cl–CH3OH: An Efficient, Acid– and Metal–Free Catalyst System for the Synthesis of Quinoxalines", J. Braz. Chem. Soc. (2008), 19(8), 1646 – 1652.

41. H.R. Darabi, Sh. Mohandessi, K. Aghapoor, F. Mohsenzadeh, M. Hashemi Karouei, F. Tahoori, R. Herges, "Thioamidation of Single-Walled Carbon Nanotubes: a New Chemical Functionalization Protocol by the Willgerodt–Kindler Reaction", Aust. J. Chem. (2009), 62(5), 413 – 418.

42. H.R. Darabi, K. Aghapoor, F. Mohsenzadeh, F. Taala, N. Asadollahnejad, A. Badiei, "Silica-Supported Antimony(III) Chloride as Highly Effective and Reusable Heterogeneous Catalyst for the Synthesis of Quinoxalines", Catal. Lett. (2009), 133, 84 – 89.

43. K. Aghapoor, H.R. Darabi, F. Mohsenzadeh, Y. Balavar, H. Daneshyar, "Zirconium(IV) chloride as versatile catalyst for the expeditious synthesis of quinoxalines and pyrido[2,3-b]pyrazines under ambient conditions", Transit. Metal Chem. (2010), 35, 49 – 53.

44. H.R. Darabi, K. Aghapoor, F. Mohsenzadeh, M.R. Jalali, Sh. Talebian, L. Ebadi-Nia, E. Khatamifar, A. Aghaee,"Heterogeneous SnCl2 / SiO2 versus Homogeneous SnCl2 Acid Catalysis in the Benzo[N,N]-heterocyclic Condensation", Bull. Korean Chem. Soc. (2011), 32, 213 – 218.

45. H.R. Darabi, M. Hashemi Karouei, M. Jafar Tehrani, K. Aghapoor, M. Ghasemzadeh, B. Neumüller, "Synthesis, physico-chemical, structure and supramolecular properties of pinacolophanes: versatile synthetic precursors to stilbenophanes", Supramol. Chem. (2011), 23, 462–469.

46. K. Aghapoor, F. Mohsenzadeh, Sh. Talebian, M. Jafar Tehrani, Y. Balavar, G. Khanalizadeh, H.R. Darabi, "Vitamin B1 as a Metal Ion–Free Natural Catalyst for Sustainable Quinoxaline Ring Condensation under Sonochemical Conditions", Monatsh. Chem. (2011), 142, 619 – 624.

47. H.R. Darabi, Sh. Mohandessi, Y. Balavar, M. Mirhosseini Moghaddam, K. Aghapoor, F. Mohsenzadeh, A.A. Nourinia, "Clove Bud Oil: an Efficient, Economical and Widely Available Oil for the Inhibition of Wheat Seed Germination", Environ. Chem. Lett. (2011), 9, 519 – 524.

48. H.R. Darabi, M.R. Poorheravi, K. Aghapoor, A. Mirzaee, F. Mohsenzadeh, N. Asadollahnejad, H. Taherzadeh, Y. Balavar, "Silica–Supported Antimony(III) Chloride as a Mild and Reusable Catalyst for the Paal – Knorr Pyrrole Synthesis", Environ. Chem. Lett. (2012), 10, 5 – 12.

49. K. Aghapoor, L. Ebadi-Nia, F. Mohsenzadeh, M. Mohebi Morad, Y. Balavar, H.R. Darabi, "Silica–supported bismuth(III) chloride as a new recyclable heterogeneous catalyst for the Paal – Knorr pyrrole synthesis", J. Organomet. Chem. (2012), 708–709, 25 – 30.

50. H.R. Darabi, M. Jafar Tehrani, K. Aghapoor, F. Mohsenzadeh, Rasoul Malekfar, "A New Protocol for the Carboxylic Acid Sidewall Functionalization of Single-Walled Carbon Nanotubes", Appl. Surf. Sci. (2012), 258, 8953 – 8958.

51. H.R. Darabi, A. Darestani Farahani, M. Hashemi Karouei, K. Aghapoor, R. Firouzi, , R. Herges, A.R. Mohebbi, C. Näther, "Cup-shaped E, E-stilbenophane: Synthesis, crystal structure and supramolecular chemistry", Supramol. Chem. (2012), 24, 653 – 657.

52. K. Aghapoor, F. Mohsenzadeh, M. Mohebi Morad, H.R. Darabi, "Sustainable Approach to Tandem Catalysis: Expedient Access to Quinoxalines and Pyrido[2,3-b]pyrazines from α-Hydroxyketones via Microwave Induced [(NH4)6Mo7O24•4H2O – PEG 300] Polar Paste Catalyst System", C. R. Chimie (2012), 15, 764 – 767.

53. H.R. Darabi, K. Aghapoor, A. Darestani Farahani, F. Mohsenzadeh, "Vitamin B1 as a Metal-Free Organocatalyst for Greener Paal–Knorr Pyrrole Synthesis", Environ. Chem. Lett. (2012), 10, 369 – 375.

54. H.R. Darabi, M. Mirzakhani, K. Aghapoor, K. Jadidi, L. Faraji, N. Sakhaee, "A structure-activity relationship study on the Wacker oxidation of stilbenes at ambient condition", J. Organomet. Chem. (2013), 740, 131 – 134.

55. K. Aghapoor, F. Mohsenzadeh, A. Shakeri, H.R. Darabi, M. Ghassemzadeh, B. Neumüller, “Catalytic application of recyclable silica-supported bismuth(III) chloride in the benzo[N,N]-heterocyclic condensation”, J. Organomet. Chem. (2013), 743, 170 – 178.

56. H.R. Darabi, A. Roozkhosh, M. Jafar Tehrani, K. Aghapoor, H. Sayahi, Y. Balavar, F. Mohsenzadeh, “Characterization of ester- or thioamide-functionalized single-walled carbon nanotube-azithromycin conjugates”, Appl. Surf. Sci. (2014), 288, 122 – 129.

۵۷. نسترن رازقی، سید حسن هاشمی، خسرو جدیدی، کیومرث آقاپور « بررسی کارایی مزوپور MCM-41 با ساختار نانوحفره در حذف آلاینده فنل از آب » مجله آب و فاضلاب، ۱۳۹۳، دوره ۲۵، شماره ۶، صفحه ۲-۹.

58. K. Aghapoor, M.M. Amini, K. Jadidi, H.R. Darabi, “N-functionalized L-proline anchored MCM-41: A novel organic–inorganic hybrid material for solvent-free aminolysis of styrene oxide under microwave irradiation”, Acta Chim. Slov. (2015), 62, 95 – 102.

59. H.R. Darabi, M. Mirzakhani, K. Aghapoor, “The supramolecular effect of stilbenophanes on the Wacker oxidation progress: A structure–activity relationship study”, J. Organomet. Chem. (2015), 786, 10 – 13.

60. K. Aghapoor, M.M. Amini, K. Jadidi, F. Mohsenzadeh, H.R. Darabi, “Catalytic activity of the nanoporous MCM-41 surface for the Paal–Knorr pyrrole cyclocondensation”, Z. Naturforsch. – Section B (2015), 70(7), 475 – 481.

61. H. Sayahi, M. Hamadanian, F. Mohsenzadeh, K. Aghapoor, M.A. Kiani, “Enhanced efficiency of dye–sensitized solar cells based on bulk synthesized TiO_2 nanorods annealed at different temperatures”, J. Chin. Chem. Soc. (2015), 62, 811 – 816.

62. K. Aghapoor, M.M. Amini, K. Jadidi, F. Mohsenzadeh, H.R. Darabi, H. Sayahi, M.R. Jalali, “Synthesis and stability of L-tryptophan adsorbed on Ti/MCM-41 as a catalyst for the regioselective aminolysis of styrene oxide”, Solid State Sciences (2015), 49, 10 – 17.

63. H.R. Darabi, M. Kargar, R. Hajipoor, N. Abouali, K. Aghapoor, K. Jadidi, B. Notash, H. Sayahi, “Synthesis and structure of 2,6-bis(2-methoxyphenyl)dithiazolo [4,5-*b*:5’,4’-*e*]pyridine) as a novel fluorescent sensor: different recognition of transition metal ions and proton”, Tetrahedron Lett. (2016), 57, 256 – 259.

64. H.R. Darabi, A. Roozkhosh, K. Aghapoor, “The Nucleophilic Addition of In Situ Generated Calcium Thiolate of Benzonitrile to the Sidewall of Single-Walled Carbon Nanotubes: A New and Direct Approach for Thioamidation”, Aust. J. Chem. (2016), 69, 198 – 203.

65. K. Aghapoor, F. Mohsenzadeh, H.R. Darabi, H. Sayahi, Y. Balavar, “L-Tryptophan-catalyzed Paal–Knorr pyrrole cyclocondensation: an efficient, clean and recyclable organocatalyst”, Res. Chem. Intermed. (2016), 42, 407 – 415.

66. F. Mohsenzadeh, K. Aghapoor, H.R. Darabi, M.R. Jalali, M.R. Halvagar, “Greener aminolysis of epoxides on $BiCl_3/SiO_2$”, C. R. Chimie (2016), 19, 978 – 985.

c) International Conferences

1. M.M. Heravi, K. Aghapoor, M.M. Mojtahedi, H.A. Oskooie, "Selective cyclization and isomerization of 3-propargyl thio-1,2,4 – triazine", 36th IUPAC Congress, Swiss, 1997.

2. H.R. Darabi, K. Aghapoor, "Study on the Willgerodt – Kindler reaction", 13th European Symposium on Organic Chemistry, Croatia, 2003.

3. H.R. Darabi, K. Aghapoor, H. Farhangian, F. Mohsenzadeh, "Extention of the Microwave-Assisted Willgerodt-Kindler Reaction: A Different Behavior of β-Amino α,β-Unsaturated Ketones and Esters", 1st European Chemistry Congress, Budapest Hungary, 2006.

4. H.R. Darabi, K. Aghapoor, F. Mohsenzadeh, Y. Balavar, K. Doraghi, E. Khatamifar, A. Aghaiee, A. Saghafinia, "Various applications of molecularly imprinting of macrolide antibiotics", MipTec – The Leading European Event for Drug Discovery, 20-24 September 2010, Switzerland

5. H.R. Darabi, S. Talebian, K. Aghapoor, N. Eghbali, F. Mohsenzadeh, Y. Balavar, "Synthesis and evaluation of a molecularly imprinted polymer nanospheres for the effective recognition of azithromycin", MipTec – The Leading European Event for Drug Discovery, 20-24 September 2012, Switzerland

6. H. R. Darabi, A. Roozkhosh, K. Aghapoor, F. Mohsenzadeh, Y. Balavar, "Conjugation of azithromycin and single wall carbon nanotubes: study on its drug delivery", MipTec – The Leading European Event for Drug Discovery, 20-24 September 2012, Switzerland

d) National Conferences

۱- سومین سمینار شیمی معدنی ، دانشکده شیمی دانشگاه تبریز ، ۱۱ و ۱۲ مرداد ۱۳۷۳، کیومرث آقاپور و احمد رضوانی، « طیف سنجی و فعالیت نوری کمپلکسهای مولیبدن (VI) – سیتریک اسید »

۲- سومین سمینار شیمی معدنی ، دانشکده شیمی دانشگاه تبریز، ۱۱و ۱۲ مرداد ۱۳۷۳، کیومرث آقاپور، « الکترولیت خشک لیتیم دار جدید در سیستم $LiCl - MnCl_2 - CrCl_3$ »

۳- نهمین کنگره شیمی و مهندسی شیمی ایران ، شهریار ، ایران ، ۱۵- ۱۷ شهریور ۱۳۷۳، احمد رضوانی ، کیومرث آقاپور و ولی گلصنملو، « واکنش القاء نوری کمپلکسهای مس(II) و مولیبدن (VI) سیتریک اسید »

۴- نهمین کنگره شیمی و مهندسی شیمی ایران ، شهریار ، ایران ، ۱۵- ۱۷ شهریور ۱۳۷۳، کیومرث آقاپور، « تأثیر دما در تغییر فرم کریستالی و جریان هدایت الکتریکی Li_5CrCl_8 »

۵- چهارمین سمینار شیمی معدنی ایران ، همدان ، دانشگاه بوعلی سینا ، همدان ، مرداد ۱۳۷۴، ترانه توفیقی نیاکی، کیومرث آقاپور و احمد رضوانی، « سنتز و بررسی اسپکتروسکپی کمپلکس‌های آرسنیک (III) و (V) با اسید سیتریک»

۶- چهارمین سمینار شیمی آلی ایران، مشهد ، دانشگاه فردوسی مشهد ، مهر ۱۳۷۴، ژیلا شمس آذر و کیومرث آقاپور، « بهینه سازی روش تهیه اوژنول از غنچه‌های درخت میخک »

۷- یازدهمین کنگره شیمی و مهندسی شیمی ایران ، دانشگاه تربیت معلم ، تهران ، شهریور ۱۳۷۵، مجید هروی، کیومرث آقاپور ، محمد مجید مجتهدی و حسین عبدی اسکویی، « حلقوی شدن انتخابی و ایزومری شدن ۳- پروپارژیل مرکپتو ۱ ، ۲ ، ۴- بنزوتری آزین به تیازلو- ۱ ، ۲ ، ۴ بنزو تری آزین »

۸- سی و ششمین کنگره آیوپاک در سوئیس 17-22.August 1997، مجید هروی ، کیومرث آقاپور، محمد مجید مجتهدی و حسین عبدی اسکویی، « حلقوی شدن انتخابی و ایزومری شدن ۳- پروپارژیل مرکپتو ۱ ، ۲ ، ۴- بنزوتری آزین به تیازلو- ۱ ، ۲ ، ۴ بنزو تری آزین »

۹- دومین کنگره بین المللی و دوازدهمین کنگره ملی شیمی و مهندسی شیمی ایران ، دانشگاه شهید باهنر کرمان ، کرمـان شـهریور ۱۳۷۶، کورش تبار حیدر ، کیومرث آقاپور ، مسعود نوش آبادی و محمد مجید هروی، « راهی برای سنتز [a– ۲،۳] پیریمیدین ۷- اونها تیازولها از طریق ۲ آلیل اوراسیل‌ها»

۱۰- دومین کنگره بین المللی و دوازدهمین کنگره ملی شیمی و مهندسی شیمی ایران ، دانشگاه شهید باهنر کرمان ، کرمـان شـهریور ۱۳۷۶، کورش تبار حیدر ، طلیعه کمپانی و کیومرث آقاپور، « تهیه منعقد کننده‌های جدید جهت تصفیه پسابهای صنعتی»

۱۱- دومین کنگره بین المللی و دوازدهمین کنگره ملی شیمی و مهندسی شیمی ایران ، دانشگاه شهید باهنر کرمان ، کرمـان شـهریور ۱۳۷۶، رضا زادمرد ، سید محمد بلورچیان ، محمد مجید مجتهدی و کیومرث آقاپور، « سیلیل زدایی و حلقوی شدن انتخـابی ۲- تری متیل سیلیل ۳- پروپارژیل مرکپتو ۱، ۲ ، ۴- تری آزین در حضور اسید و Pd(II) »

۱۲- سیزدهمین کنگره شیمی و مهندسی شیمی ایران ، دانشگاه تربیـت مـدرس تهـران- ۲۹ – ۲۷ بهمـن ۱۳۷۷، میتـرا قاسـم زاده ، کیومرث آقاپور – برنارد نوی مولر، «سنتز و شناسایی ساختمان مولکولی $[Cu_2(OAC)_4(NCMe)_2]\ 2MeCN$»

۱۳- سیزدهمین کنگره شیمی و مهندسی شیمی ایران ، دانشگاه تربیـت مـدرس تهـران- ۲۹ – ۲۷ بهمـن ۱۳۷۷، میتـرا قاسـم زاده، کیومرث آقاپور، سید محمد بلورچیان و برنارد نوی مولر، « سنتز و شناسایی ساختمان مولکولی ترکیب AMTTO و کمپلکسهای آن با فلز Pd(II) »

۱۴- پنجمین سمینار تخصصی شیمی معدنی ایران ، دانشگاه اصـفهان ۱۰ و ۱۱ شـهریور مـاه ۱۳۷۸، سـید حسـین حبیبـی ، شـهرام تنگستانی نژاد ، بهرام یداللهی ، سعید فرهادی ، کیومرث آقاپور، « واکنش‌های فتوشیمیایی تـری – یـا دی فنیـل کلروسـیلان بـا HgO »

15- 13th Iranian Seminar of Organic Chemistry, 7-9 Sept. 2006, Bu-Ali Sina University, H.R. Darabi, A.R. Mohebbi, M. Azimzadeh, K. Aghapoor and S. Naseri, "Synthesis and Characterization of Novel Cyclophanes"

16- 13th Iranian Seminar of Organic Chemistry, 7-9 Sept. 2006, Bu-Ali Sina University, H.R. Darabi, L. Faraji, K. Jadidi, A.R. Mohebbi, K. Aghapoor, "Synthesis of Novel Cyclophanes with Wacker Oxidation"

17- 12th Iranian Seminar of Organic Chemistry, 7-9 March 2006, Ahwaz Jundi Shapour University of Medical Sciences, H.R. Darabi, K. Aghapoor, H. Farhangian, F. Mohsenzadeh, Y. Balavar, "Synthesis of Novel Thiomorpholides under Willgerodt-Kindler Reaction"

18- 12th Iranian Seminar of Organic Chemistry, 7-9 March 2006, Ahwaz Jundi Shapour University of Medical Sciences, H.R. Darabi, Sh. Mohandesi, Y. Balavar, K. Aghapoor, "Inhibitory Effect of Clove Bud Essential Oil on Germination of Iranian Wheat Seeds"

19- 12th Iranian Seminar of Organic Chemistry, 7-9 March 2006, Ahwaz Jundi Shapour University of Medical Sciences, H.R. Darabi, Sh. Mohandesi, Y. Balavar, K. Aghapoor, "Model Study on the Effect of Some Designed Phenols on Wheat Germination"

20- 12th Iranian Seminar of Organic Chemistry, 7-9 March 2006, Ahwaz Jundi Shapour University of Medical Sciences, H.R. Darabi, Sh. Mohandesi, K. Aghapoor, F. Mohsenzadeh, "The Rapid Philip's Reaction at Room Temperature under an Efficient Catalytic System"

21- 12th Iranian Seminar of Organic Chemistry, 7-9 March 2006, Ahwaz Jundi Shapour University of Medical Sciences, L. Faraji, H.R. Darabi, K. Jadidi, A.R. Mohebbi, A. Motamedi, K. Aghapoor, "Salt Complexes of Novel Cyclophanes"

22- 12th Iranian Seminar of Organic Chemistry, 7-9 March 2006, Ahwaz Jundi Shapour University of Medical Sciences, A. Motamedi, H.R. Darabi, K. Jadidi, L. Faraji, K. Aghapoor, "Synthesis and Binding Properties of Novel Cyclophane Receptors"

23- 15th Iranian Seminar of Organic Chemistry, 27-29 August 2008, Kermanshah Razi University, H.R. Darabi, F. Tahoori, K. Aghapoor, F. Mohsenzadeh, "A Practical, Ecofriendly and Cost-effective Procedure for The Synthesis of Quinoxalines"

24- 15th Iranian Seminar of Organic Chemistry, 27-29 August 2008, Kermanshah Razi University, H.R. Darabi, F. Taala, K. Aghapoor, F. Mohsenzadeh, "Novel condensed Heteromacrocycles"

25- 2nd Iran-India Joint Conference on Nanotechnology, 5-7 May 2009, University of Isfahan, M. Hashemi Karouei, Sh. Mohandessi , K. Aghapoor, F. Mohsenzadeh, M. Jafar Tehrani, H.R. Darabi, "Thioamidation of Single-Walled Carbon Nanotubes: a New Chemical Functionalization Protocol by the Willgerodt–Kindler Reaction"

26- 2nd Iran-India Joint Conference on Nanotechnology, 5-7 May 2009, University of Isfahan, F. Taala, M. Hashemi Karouei, K. Aghapoor, Y. Balavar, E. Khatamifar, A. Aghaee, A.E. Saghafinia, H.R. Darabi, "Carbon Nanotube-Azithromycin Conjugates: A New Nanotube Molecular Transporter"

27- 16th Iranian Conference of Organic Chemistry, 18-20 August 2009, Zanjan University, M. Jafar Tehrani, M. Hashemi Karouei, H.R. Darabi, K. Aghapoor, "The Smallest Members of Stilbenophanes: Higher Strain and Rigidity"

28- 16th Iranian Conference of Organic Chemistry, 18-20 August 2009, Zanjan University, M. Hashemi Karouei, H.R. Darabi, K. Aghapoor, "Synthesis and Characterization of a Highly Strained Tolanophane"

29- 16th Iranian Conference of Organic Chemistry, 18-20 August 2009, Zanjan University, N. Asadollahnejad, F. Taala, K. Aghapoor, F. Mohsenzadeh, F. Tahoori, H.R. Darabi, "Activated Silica-ZrCl4-MeOH synergistic system as versatile catalyst for the synthesis of quinoxalines"

30- Proceedings of the 3rd Conference on Nanostructures (NS2010), 10-12 March 2010, Kish Island, M. Hashemi Karouei, H.R. Darabi, K. Aghapoor, R. Malekfar, "A New Way to Introduce the Thioamide Groups to Single-Walled Carbon Nanotubes"

31- Proceedings of the 3rd Conference on Nanostructures (NS2010), 10-12 March 2010, Kish Island, F. Taala, H.R. Darabi, K. Aghapoor, "Carbon Nanotube-Roxithromycin Conjugates: an Attempt to Design a New Drug Delivery System"

32- Proceedings of the 3rd Conference on Nanostructures (NS2010), 10-12 March 2010, Kish Island, M. Jafar Tehrani, M. Hashemi Karouei, H.R. Darabi, Y. Ballavar, K. Aghapoor, R. Malekfar, "Preparation of Novel Functionalized Single-Walled Carbon Nanotubes as Potential Building Block for Biological and Pharmaceutical Applications"

33- 17th Iranian Seminar of Organic Chemistry, 13-15 October 2010, Babolsar, N. Asadollahnejad, F. Mohsenzadeh, K. Aghapoor, H.R. Darabi, "Silica-supported BiCl3 as a highly effective catalyst for the synthesis of quinoxalines"

34- 17th Iranian Seminar of Organic Chemistry, 13-15 October 2010, Babolsar, M. Jafar Tehrani, G. Khanalizadeh, F. Mohsenzadeh, K. Aghapoor, H.R. Darabi, "Vitamin B1 as a metal ion-free natural catalyst for sustainable quinoxaline ring condensation under sonochemical conditions"

35- 17th Iranian Seminar of Organic Chemistry, 13-15 October 2010, Babolsar, Sh. Talebian, F. Mohsenzadeh, Y. Balavar, K. Aghapoor, H.R. Darabi, "Efficient hydration of nitriles to amides in the presence of FeCl3/montmorillonite"

36- 17th Iranian Seminar of Organic Chemistry, 13-15 October 2010, Babolsar, L. Ebadi-Nia, F. Mohsenzadeh, Y. Balavar, K. Aghapoor, H.R. Darabi, "BiCl3/SiO2 as a highly effective catalyst for the synthesis of benzimidazoles"

37- 17th Iranian Seminar of Organic Chemistry, 13-15 October 2010, Babolsar, M. Hashemi Karouei, F. Taala, H.R. Darabi, K. Aghapoor, "Engineering crystals by the strategy of molecular tectonics: Pinacolophanes as new tectons"

38- International Congress on Nanoscience & Nanotechnology (ICNN 2010, 9-11 November 2010, Shiraz, H.R. Darabi, M. Jafar Tehrani, K. Aghapoor, F. Mohsenzadeh, R. Malekfar, "Thioamidation of single-walled carbon nanotubes: A new building block in medecine"

39- International Congress on Nanoscience & Nanotechnology (ICNN 2010, 9-11 November 2010, Shiraz, H.R. Darabi, N. Asadollahnejad, K. Aghapoor, M. Mirhosseini Moghaddam, "A new and efficient route for synthesis of shape-controlled CdSe nanocrystals"

40- 15th Iranian Chemistry Congress, 4-6 September 2011, Hamedan, Bu-Ali Sina University, M. Mohebi Morad, K. Aghapoor, F. Mohsenzadeh, Y. Balavar, H.R. Darabi, "Vitamin B1 as a highly effective catalyst for the synthesis of 2-aryl benzimidazoles in water"

41- 15th Iranian Chemistry Congress, 4-6 September 2011, Hamedan, Bu-Ali Sina University, A. Darestani Farahani, M. Hashemi Karouei, K. Aghapoor, H.R. Darabi, "Synthesis, characterization and structure of a novel pinacolophane"

42- 15th Iranian Chemistry Congress, 4-6 September 2011, Hamedan, Bu-Ali Sina University, Sh. Talebian, K. Aghapoor, F. Mohsenzadeh, Y. Balavar, M.R. Poorheravi, A. Mirzaee, H.R. Darabi, "Silica-supported antimony(III) chloride as a mild and reusable heterogeneous catalyst for the Paal-Knorr pyrrole synthesis"

43- 15th Iranian Chemistry Congress, 4-6 September 2011, Hamedan, Bu-Ali Sina University, L. Ebadi-Nia, K. Aghapoor, F. Mohsenzadeh, Y. Balavar, H.R. Darabi, "Vitamin B1 as a metal ion-free natural catalyst for Paal-Knorr pyrrole condensation"

44- 20th Iranian Seminar of Organic Chemistry, 3-5 July 2013, Hamedan, Bu-Ali Sina University, L. Atasbili, K. Aghapoor, H.R. Darabi, "Synthesis and characterisation of a new class of cyclophanes"

45- 20th Iranian Seminar of Organic Chemistry, 3-5 July 2013, Hamedan, Bu-Ali Sina University, A. Shakeri, K. Aghapoor, Y. Balavar, H.R. Darabi, "Synthesis of new molecules as novel coatings on CdSe nanorods"

46- 20th Iranian Seminar of Organic Chemistry, 3-5 July 2013, Hamedan, Bu-Ali Sina University, M. Kargar, K. Aghapoor, F. Mohsenzadeh, H. R. Darabi, "Efficient and rapid route to thioamides via modified Willgerodt–Kindler reaction of aldehydes and diamines"

47- 20th Iranian Seminar of Organic Chemistry, 3-5 July 2013, Hamedan, Bu-Ali Sina University, M. Mirzakhani, K. Aghapoor, F. Mohsenzadeh, H. R. Darabi, "Synthesis and crystal structure of a novel cyclophan"

48- 20th Iranian Seminar of Organic Chemistry, 3-5 July 2013, Hamedan, Bu-Ali Sina University, N. Eghbali, K. Aghapoor, H. R. Darabi, "Synthesis of metacryloyl chloride for chlorinated up the azithromycin as a template for molecularly imprinted polymer"

49- 20th Iranian Seminar of Organic Chemistry, 3-5 July 2013, Hamedan, Bu-Ali Sina University, A. Rouzkhosh, H. R. Darabi, K. Aghapoor, "Covalent sidewall functionalization of SWNTs by nucleophilic addition of arylnitriles"

50- 21st Iranian Seminar of Organic Chemistry, 13-15 March 2014, Ilam University, R. Hajipour, M. Kargar, K. Aghapoor, H. R. Darabi, "Synthesis and characterization of a novel designed cyclophane for the recognition of cyanide ion"

51- 21st Iranian Seminar of Organic Chemistry, 13-15 March 2014, Ilam University, M. Kargar, R. Hajipour, K. Aghapoor, H. R. Darabi, "Sensing of cyanide using highly selective thiazole-based Cu^{2+} chemosensor"

52- 23rd Iranian Seminar of Organic Chemistry, 8-10 September 2015, Sanandaj, University of Kurdistan, H. A. Khoshhosn, K. Aghapoor, H. R. Darabi, "Synthesis, characterization and photoluminescence property of a diphenyldithiazolopyridine"

53- 23rd Iranian Seminar of Organic Chemistry, 8-10 September 2015, Sanandaj, University of Kurdistan, Y. Yavari, K. Aghapoor, H. R. Darabi, "Multi-step preparation of pregabalin"

54- 22nd Iranian Seminar of Analytical Chemistry, 26-28 January 2016, Tehran, Chemistry & Chemical Engineering Research Center of Iran, N. Abouali, M. Kargar, R. Hajipour, K. Aghapoor, H. R. Darabi, "A novel fluorescent sensor based on dithiazole-pyridine having a different recognition between transition metal ions and proton"

55- 1st Congress of Chemical Biotechnology, 6-8 March 2016, Tehran, NIGEB & CCERCI, H. Sayahi, K. Aghapoor, M. A. Kiani, F. Mohsenzadeh, "Investigation photocatalytic effects of electrochemical stabilized titanium oxide nano layer on conductive substrates"

56- 3rd Iranian National Congress of Novin Technologies in Chem, Petrochem & Nano, 30 May 2016, Tehran, Shahid Beheshti University, H. Sayahi, M. A. Kiani, K. Aghapoor, H. R. Darabi, F. Mohsenzadeh, "Investigation of Synthesized Magnetite/Carbon Black Nanocomposite Using Ultrasonic to Apply in Electrochemical Supercapacitors"

57- 3rd Iranian National Congress of Novin Technologies in Chem, Petrochem & Nano, 30 May 2016, Tehran, Shahid Beheshti University, H. Sayahi, K. Aghapoor, H. R. Darabi, F. Mohsenzadeh, M. R. Jalali, "Synthesis and characterization of D-Phenyl glycinol attached covalently to modified mesoporous silica"

58- 24th Iranian Seminar of Organic Chemistry, 24-26 August 2016, Azarbaijan, Shahid Madani University, S. Rastgar, K. Aghapoor, H. R. Darabi, "Study of supramolecular effect of tolanophanesin wacker-type oxidation"

59- 24th Iranian Seminar of Organic Chemistry, 24-26 August 2016, Azarbaijan, Shahid Madani University, N. Abouali, K. Aghapoor, H. R. Darabi, "Synthesis and structure of a new dithiazolopyridine as a novel fluorescent sensor of cyanide ion"

60- 24th Iranian Seminar of Organic Chemistry, 24-26 August 2016, Azarbaijan, Shahid Madani University, L. Sobhani, K. Aghapoor, H. R. Darabi, "Synthesis, characterization and structural study of a new rigid cyclophane"

61- 24th Iranian Seminar of Organic Chemistry, 24-26 August 2016, Azarbaijan, Shahid Madani University, H. R. Darabi, E. Khatamifar, K. Aghapoor, "A Divergent Reactivity of a Bis(carbonyl) Ether towards Low-valent Titanium Reductive Coupling Reaction"

Thesis Supervision for Master Degree

Entry	Title	Date and Place	Student	Supervisor/Advisor
1	Photochemistry and Spectroscopy of Cu (II), Fe (III), Mo (VI), Cr(III, VI) and Al(III), Ca(II) Complexes with Organic Acids	November 1999 (Tarbiat Moalem University)	Mohammad Norouzi	Dr. Masoud Rafizadeh (supervisor) – Kioumars Aghapoor (advisor)
2	***Part 1:*** **"**Structure-Activity of Phenolic Compounds with the Aim of Studying Inhibitory Effect of Clove Bud Oil on Wheat Germination**"** ***Part 2:*** **"**A Novel and Applicable Method for Synthesis of Quinoxalines**"**	May 2006 (CCERCI)	Shabnam Mohandessi	Dr. Hossein Reza Darabi (supervisor) – Kioumars Aghapoor (advisor)
3	Synthesis and Characterization of Novel Cyclophanes	December 2006 (Shahid Beheshti University)	Laleh Faraji	Dr. Khosrow Jadidi (supervisor) – Dr. Hossein Reza Darabi (supervisor) – Kioumars Aghapoor (advisor)
4	A New Catalytic System $FeCl_3$ $6H_2O$ – Montmorillonite in the Condensation Reaction between Amines and Ketones	December 2010(Payame Noor University)	Yadollah Balavar	Dr. Mohammad Reza Poorheravi (supervisor) – Dr. Hossein Reza Darabi (supervisor) – Kioumars Aghapoor (advisor)
5	Synthesis, Characterization and Self-Assembly of Novel Pinacolophanes: Pinacolophanes as Suitable Precursors for Selective Synthesis of Stilbenophanes; Introduction of a Cup-Shaped Stilbenophane as a Suitable Host for Silver Ion.	July 2010 (CCERCI)	Seyed Mohammad Hashemi Karouei	Dr. Hossein Reza Darabi (supervisor) – Kioumars Aghapoor (advisor)
6	**– اتصال داروی آزیترومایسین و آمینو اسید به نانو لوله کربنی تک دیواره جهت کاربردهای بیولوژیکی / - بررسی سنتز کوئین اکسالین ها در حضور کاتالیست ویتامین B1 تحت امواج مافوق صوت**	مهر ۱۳۹۰	**محمد جعفر تهرانی (کارشناسی ارشد)**	**دکتر حسین‌رضا دارابی** (استاد راهنما) **مهندس کیومرث آقاپور**(استاد مشاور)
7	**ساخت و شناسایی نانو حفره های پلیمری با هدف آهسته رهش دارویی**	شهریور ۱۳۹۰	**شیوا طالبیان (کارشناسی ارشد)**	**دکتر حسین‌رضا دارابی** (استاد راهنما) **مهندس کیومرث آقاپور**(استاد مشاور)

8	سنتز، شناسایی و بررسی خاصیت میزبانی پیناکولوفان‌ها	شهریور ۱۳۹۱	عباس دارستانی فراهانی (کارشناسی ارشد)	دکتر حسین‌رضا دارابی (استاد راهنما) مهندس کیومرث آقاپور(استاد مشاور)
9	سنتز کوانتوم دات بر پایه کادمیوم سلنید	شهریور ۱۳۹۱	مینا محبی مراد (کارشناسی ارشد)	دکتر حسین‌رضا دارابی (استاد راهنما) مهندس کیومرث آقاپور(استاد مشاور)
10	سنتز سیکلوفان‌های جدید با روش واکر	مهر ۱۳۹۲	محسن میرزاخانی (کارشناسی ارشد)	دکتر حسین‌رضا دارابی (استاد راهنما) مهندس کیومرث آقاپور(استاد مشاور)
11	سنتز و شناسایی ترکیب تیلزول چندحلقه‌ای جدید به عنوان حسگر انتخابی یون سیانید	بهمن ۱۳۹۲	مریم کارگر (کارشناسی ارشد)	دکتر حسین‌رضا دارابی (استاد راهنما) مهندس کیومرث آقاپور(استاد مشاور)
12	ارائه واکنش جدید بر روی نانولوله‌های کربنی با هدف اتصال آزیتروماییسین و کلاریترومایسن	بهمن ۱۳۹۲	عاطفه روزخوش (کارشناسی ارشد)	دکتر حسین‌رضا دارابی (استاد راهنما) مهندس کیومرث آقاپور(استاد مشاور)
13	شناسایی گزینشی یون سیانید با استفاده از نقاط کوانتومی **CdSe / CdS / ZnS**	بهمن ۱۳۹۲	آتنا شاکری (کارشناسی ارشد)	دکتر حسین‌رضا دارابی (استاد راهنما) مهندس کیومرث آقاپور(استاد مشاور)
14	سنتز، شناسایی و بررسی ساختار سیکلوفان‌های جدید صلب	بهمن ۱۳۹۲	لیلا اتسبیلی (کارشناسی ارشد)	دکتر حسین‌رضا دارابی (استاد راهنما) مهندس کیومرث آقاپور(استاد مشاور)
15	سنتز، شناسایی و بررسی رهایش نانوذرات پلیمری لوراتادین	بهمن ۱۳۹۲	نرگس اقبالی (کارشناسی ارشد)	دکتر حسین‌رضا دارابی (استاد راهنما) دکتر کیومرث آقاپور(استاد مشاور)
16	سنتز و شناسایی سیکلوفان نانوحلقه دی‌تیازولوپیریدینی: حسگر جدید فلزات و یون سیانید	دی ۱۳۹۳	رقیه حجی پور مشهدطرقی (کارشناسی ارشد)	دکتر حسین‌رضا دارابی (استاد راهنما) دکتر کیومرث آقاپور(استاد مشاور)
17	سنتز چند مرحله‌ای داروی ضد صرع و ضد دردهای عصبی پرگابالین و دو ناخالصی مهم مرتبط با آن	مهر ۱۳۹۴	یاسر یاوری (کارشناسی ارشد)	دکتر حسین‌رضا دارابی (استاد راهنما) دکتر کیومرث آقاپور(استاد مشاور)
18	سنتز و شناسایی بیس-تیازولوپیریدین جدید به عنوان حسگر حساس و انتخابی یون سیانید	شهریور ۱۳۹۵	نگار ابوعلی (کارشناسی ارشد)	دکتر حسین‌رضا دارابی (استاد راهنما) دکتر کیومرث آقاپور(استاد مشاور)
19	سنتز، شناسایی و بررسی خواص شناسایی سیکلوفان جدید	مهر ۱۳۹۵	لیلا سبحانی (کارشناسی ارشد)	دکتر حسین‌رضا دارابی (استاد راهنما) دکتر کیومرث آقاپور(استاد مشاور)