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تحصیلات

- 1) کارشناسی، 1372، شیمی کاربردی، دانشگاه تهران
- 2) کارشناسی ارشد، 1374، شیمی آلی، دانشگاه تهران
- 3) دکتری، 1380، شیمی آلی، دانشگاه تهران

کتاب‌های ترجمه شده

- 1) ابراهیم کیان مهر. "نکات کلیدی در شیمی آلی". : انتشارات دانشگاه تهران، 1397.

مقالات چاپ شده در نشریات بین المللی

- 1) Parviz Rashidi Ranjbar , and Ebrahim Kiyan Mehr. "Facil and fast pinacol rearrangement by AlCl₃ in the solid state." MOLECULES -, no. 6 (2001): 447-442.
- 2) Helmi Hussain , Ebrahim Kiyan Mehr, and Tony Durst . "Competitive 3+2 and 2+2 cycloadditions of ester stablized azaallyl anions to benzyne . Ring expansion of initial 3+2 products to isoquinolin - 3 - ones." TETRAHEDRON LETTERS 42, no. 12 (2001): 2245-2248 .
- 3) Rashidi Ranjbar Parviz , Ebrahim Kiyan Mehr, Wang Sue Lein , and Liao Fen Ling . "The stereochemistry of the stable conformational diastereomers in substituted dihydrodibenzo[ef, kl]heptalenes, the doubly bridged biphenyls. Synthesis structural elucidation and barrier to conformational diastereomerism." Journal of the Chemical Society, Perkin Transactions 2 2, no. 3 (2005): 545-551.
- 4) Maryam Yahyaee , Ebrahim Kiyan Mehr, C Foroutan Nejad , and Saeede Beheshti . "Facile and efficient pinacol rearrangement using Tungstophosphoric acid (H₃PW₁₂O₄₀) under solvent - free conditions." BULLETIN OF THE KOREAN CHEMICAL SOCIETY 27, no. 8 (2006): 1246-1248.
- 5) Saeed Beheshti , Ebrahim Kiyan Mehr, Maryam Yahyaee , and Katayon Tabatabai . "Facile and efficient selective mono - nitration of phenols under solvent - free conditions." BULLETIN OF THE KOREAN CHEMICAL SOCIETY 27, no. 7 (2006): 1056-1058.
- 6) Ebrahim Kiyan Mehr, Maryam Yahyaee , and Katayoun Tabatabai . "A mild conversion of arylboronic acids and their pinacolyl boronate esters into phenols using hydroxylamine." TETRAHEDRON LETTERS 48, no. 15 (2007): 2713-2715.
- 7) Ebrahim Kiyan Mehr, Narges Shamsaei Zafarghandi, and Mohammad Ghanbari. "A simple route for the synthesis of novel N^2 -alkyl-2-(alkylthio)-1 H -imidazole derivatives." MOLECULAR DIVERSITY 17, no. 2 (2013): 383-388.
- 8) Ebrahim Kiyan Mehr, Hamed Hashemi, and Ali Darvish. "Palladium-catalyzed cyanoalkenylation of indoles." TETRAHEDRON 69, no. 25 (2013): 5193-5196.
- 9) Ebrahim Kiyan Mehr, Shahrzad Kazemi, and Alireza Foroumadi. "Palladium-catalyzed oxidative C-H bond coupling of indoles and benzaldehydes: a new approach to the synthesis of 3-benzoylindoles." TETRAHEDRON 70, no. 2 (2014): 349-354.
- 10) Ebrahim Kiyan Mehr, Masoud Rezaeefard, Mehran Rezazadeh Khalkhali, and Khalid Mohammed Khan. "Pd-catalyzed dehydrogenative cross-coupling of pyridine-N-oxides with uracils." RSC Advances 4, no. 27 (2014): 13764.
- 11) Ebrahim Kiyan Mehr, Mehran Rezazadeh Khalkhali, Masoud Rezaeefard, Khalid Mohammed Khan, and . "Pd-Catalyzed Dehydrogenative Cross-Coupling of 1,4-Quinones with N,N-Dialkyluracils." AUSTRALIAN JOURNAL OF CHEMISTRY 68, no. 1 (2014): 165.

- 12) Ebrahim Kiyan Mehr, Nasser Faghieh, and Khalid Mohammed Khan. "Palladium-Catalyzed Regioselective Benzoylation-Annulation of Pyridine N-oxides with Toluene Derivatives via Multiple C-H Bond Activations : Benzoylation versus Arylation." *ORGANIC LETTERS* 17, no. 3 (2015): 414.
- 13) Ebrahim Kiyan Mehr, Mehrdad Torabi, Mehran Rezazadeh Khalkhali, Nasser Faghieh, and Khalid Mohammed Khan. "Palladium-Catalyzed Regioselective Cross-Dehydrogenative Coupling of Benzofurans with Uracils at Room Temperature." *EUROPEAN JOURNAL OF ORGANIC CHEMISTRY* 2015, no. 13 (2015): 2796-2800.
- 14) Mohammad Ghanbari, Ebrahim Kiyan Mehr, Sara Karimi Behzad, and Seik Weng Ng. "Direct synthesis of benzo[a]carbazoles by palladium-catalyzed domino reactions: synthesis and photophysical properties of diverse benzo[a]carbazoles." *Journal of the Iranian Chemical Society* 13, no. 1 (2015): 7-18.
- 15) Ebrahim Kiyan Mehr, Nasser Faghieh, Saeed Karaji, Yousef Amiri Lomedasht, and Khalid Mohammed Khan. "Copper-catalyzed cross-dehydrogenative coupling of pyridine N-oxides with cyclic ethers." *JOURNAL OF ORGANOMETALLIC CHEMISTRY* 801, no. 1 (2016): 10-13.
- 16) Mohammad Mahdavi, Vahid Lotfi, Mina Saeedi, Ebrahim Kiyan Mehr, and Abbas Shafiee. "Synthesis of novel fused quinazolinone derivatives." *MOLECULAR DIVERSITY* 20, no. 3 (2016): 677-685.
- 17) Ebrahim Kiyan Mehr, Yousef Amiri Lomedasht, Nasser Faghieh, and Khalid Mohammed Khan. "Chelation-Assisted Copper-Mediated Direct Acetylation of 2-Arylpyridine C-H Bonds with Cyanate Salts." *JOURNAL OF ORGANIC CHEMISTRY* 81, no. 14 (2016): 6087-6092.
- 18) Ebrahim Kiyan Mehr, Nasser Faghieh, Arezoo Tanbakoochian, and Mohammad Mahdavi. "Palladium-Catalyzed Regioselective Direct Cyanation of Acetanilide Derivatives with $K_4[Fe(CN)_6]$ by C-H Bond Activation." *EUROPEAN JOURNAL OF ORGANIC CHEMISTRY* 2016, no. 25 (2016): 4269-4274.
- 19) Ebrahim Kiyan Mehr, Azin Pakbaznia, Nasser Faghieh, and Alireza Foroumadi. "Metal-free chemo- and regioselective acylation of pyridine derivatives with alcohols in water." *TETRAHEDRON* 73, no. 11 (2017): 1407-1412.
- 20) Golnaz Rahimzadeh, Saeed Bahadorikhalili, Ebrahim Kiyan Mehr, and Mohammad Mahdavi. "Ionic liquid-functionalized magnetic nanostructures as an efficient catalyst for the synthesis of 6H-chromeno[4,3-b]quinolin-6-ones." *MOLECULAR DIVERSITY* 21, no. 3 (2017): 597-609.
- 21) Ebrahim Kiyan Mehr, Maryam Fardpour, and Khalid Mohammed Khan. "Direct Regioselective Alkylation of Non-Basic Heterocycles with Alcohols and Cyclic Ethers through a Dehydrogenative Cross-Coupling Reaction under Metal-Free Conditions." *EUROPEAN JOURNAL OF ORGANIC CHEMISTRY* 2017, no. 18 (2017): 2661-2668.
- 22) Ebrahim Kiyan Mehr, Maryam Fardpour, and Ali Nemati Kharat Ghaziani. "Palladium-Catalyzed Chemo- and Regioselective Oxidative Cross-Dehydrogenative Coupling of Acetanilides with Benzothiazole." *EUROPEAN JOURNAL OF ORGANIC CHEMISTRY* 2017, no. 20 (2017): 3017-3021.
- 23) Ebrahim Kiyan Mehr, and Maral Gholamhosseyni. "Palladium-Catalyzed Chemo- and Regioselective C-H Bond Acylation of Pyridine N-Oxides with Benzyl Halides and Alcohols." *EUROPEAN JOURNAL OF ORGANIC CHEMISTRY* 2017, no. 32 (2017): 4786-4793.
- 24) Ebrahim Kiyan Mehr, and Arezoo Tanbakoochian. "Palladium-catalyzed regio- and chemoselective direct desulfitative arylation of anilides with arylsulfonyl chlorides." *TETRAHEDRON* 73, no. 36 (2017): 5337-5343.
- 25) Golnaz Rahimzadeh, Ebrahim Kiyan Mehr, and Mohammad Mahdavi. "Improvement of the Van Leusen reaction in the presence of β -cyclodextrin: a green and efficient synthesis of oxazoles in water." *ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES* 72, no. 12 (2017): 923-926.
- 26) Ebrahim Kiyan Mehr, and Maral Gholamhosseyni. "Visible-Light-Promoted Copper-Catalyzed Regioselective Benzoylation of Pyridine N-Oxides versus Thermal Acylation Reaction with Toluene Derivatives." *EUROPEAN JOURNAL OF ORGANIC CHEMISTRY* 2018, no. 13 (2018): 1559-1566.
- 27) Golnaz Rahimzadeh, Mehdi Soheilzad, Ebrahim Kiyan Mehr, Bagher Larijani, and Mohammad Mahdavi. "Copper-catalyzed intramolecular domino synthesis of 6H-chromeno[4,3-b]quinolines in green condition." *ARKIVOC* 2018, no. 5 (2018): 20-28.

- 28) Parham Foroumadi, Vahid Lotfi, Mohammad Mahdavi, Setareh Moghimi, Mehdi Soheilzad, Ebrahim Kiyan Mehr, Loghman Firoozpour, Ali Asadipour, and Alireza Foroumadi. "Copper-catalyzed synthesis of 2,3-disubstituted quinazolin-4(3H)-ones from benzyl-substituted anthranilamides." HETEROCYCLIC COMMUNICATIONS 24, no. 5 (2018): 267-271.
- 29) Ebrahim Kiyan Mehr, and Sepideh Bahrami Nasab. "Silver-Catalyzed Chemo- and Regioselective Nitration of Anilides." EUROPEAN JOURNAL OF ORGANIC CHEMISTRY 2018, no. 46 (2018): 6447-6452.
- 30) Ebrahim Kiyan Mehr, and Maral Gholamhosseyni. "A ruthenium-catalyzed alkenylation-annulation approach for the synthesis of indazole derivatives via C-H bond activation." Organic and Biomolecular Chemistry 16, no. 33 (2018): 5973-5978.
- 31) Saeed Bahadorikhalili, Golnaz Rahimzadeh, Ebrahim Kiyan Mehr, Samira Ansari, Haleh Hamedifar, and Mohammad Mahdavi. "Facile Non-Transition Metal-Catalyzed Synthesis of 2-Thioxo-2,3-dihydroquinazolin-4(1H)-one Derivatives via One-Pot Multicomponent Reactions." ChemistrySelect 4, no. 1 (2019): 100-104.
- 32) Ebrahim Kiyan Mehr, and Sepideh Bahrami Nasab. "Ruthenium-Catalyzed Regioselective Direct Ortho-Acyloxylation of Azoarenes with Carboxylic Acids via C-H Bond Activation." EUROPEAN JOURNAL OF ORGANIC CHEMISTRY 2019, no. 5 (2019): 1038-1044.
- of substituted phthalides through C-H bond activation and functionalization." TETRAHEDRON LETTERS 60, no. 10 (2019): 699-702.
- 33) Ebrahim Kiyan Mehr, Maryam Fardpour, , Ali Nematı Kharat Ghaziani, and سیک ونگ ان جی . "Ru-catalyzed synthesis

مقالات چاپ شده در نشریات داخلی

- 1) ابراهیم کیان مهر، رکسانا فضلی و مارال غلامحسینی. "بهینه‌سازی کاتالیست واکنش جفت شدن اکسایشی پیریدین-N-اکسایدها و بنزوفوران‌ها برای تهیه ترکیب‌هایی با ویژگی‌های زیستی." نشریه پژوهش‌های کاربردی در شیمی 12، 3 (1397): 95-101.
- 2) ابراهیم کیان مهر و مارال غلامحسینی. "تهیه داروی رزی گلیتازون در مقیاس آزمایشگاهی." نشریه پژوهش‌های کاربردی در شیمی 12، 4 (1397): 131.

همایش‌های بین‌المللی

- 1) Ebrahim Kiyan Mehr. "Competitive 3+2 and 2+2 Cycloadditions of Ester stabilized Azaallyl anions to benzyne. Ring expansion of initial 3+2 products to Isoquinolin-3-ones." 84th CSC Conference and Exhibition, Montreal.
- 2) Ebrahim Kiyan Mehr. "Facil and fast pinacol rearrangement by AlCl3 in the solid state." The second symposium of green chemistry, Tehran.
- 3) Ebrahim Kiyan Mehr. "Synthesis of isoquinoline and isoquinolinone derivatives by cycloaddition reactions." 14th Iranian Chemistry and Chemical Engineering Congress, Tehran.
- 4) Ebrahim Kiyan Mehr. "Dynamic Kinetic Resolution of α -Halo[R]-pentalactone esters with bifunctional nucleophiles." 14th Iranian Chemistry and Chemical Engineering Congress, Tehran.
- 5) Ebrahim Kiyan Mehr. "Asymmetric X-ray structures of some hindered biphenyls with C2 symmetry backbones." 14th Iranian Chemistry and Chemical Engineering Congress, Tehran.
- 6) Ebrahim Kiyan Mehr. "Dynamic kinetic resolution of α -Halo[R]-pentalactone acrylates with bifunctional nucleophiles." 11th Iranian Seminar of Organic Chemistry, Tehran.
- 7) Ebrahim Kiyan Mehr, and . "Synthesis of benzonitrile derivatives via benzyne chemistry." 11th Iranian Seminar of Organic Chemistry, Tehran.
- Mehr, and Hasan Sereshti. "Chemical constituents of the essential oil of Caraway seeds from Iran." 12th کنفرانس شیمی آلی Ahwaz.
- 8) Ebrahim Kiyan
- Kiyan Mehr, , , and . "Microwave assisted Beckmann rearrangement by TCT in the solid state." 12th کنفرانس شیمی آلی Ahwaz.
- 9) Ebrahim
- 10) Ebrahim Kiyan Mehr, , , and . "Facil and regioselective nitration of phenols in the solid state." ??th کنفرانس شیمی آلی Ahwaz.
- of the essential oils of Stachys lavandulifolia vahl from Iran." 12th کنفرانس شیمی آلی ایران Ahwaz.
- 11) Ebrahim Kiyan Mehr, and Hasan Sereshti. "Chemical constituents

and Hasan Sereshti. "Chemical composition of the essential oils of Lemon and Lime peel from Iran." 12th کنفرانس شیمی آلی Ahwaz.

12) Ebrahim Kiyani Mehr,

Kiyani Mehr, and Hasan Sereshti. "Chemical constituents of the essential oil of cumin seeds from Iran." 12th کنفرانس شیمی آلی Ahwaz.

13) Ebrahim

14) Ebrahim Kiyani Mehr, and Hasan Sereshti. "Volatile organic compounds of saffron from Iran." 12th کنفرانس شیمی آلی Ahwaz.

15) Ebrahim Kiyani Mehr, and . "Diastereoselective synthesis of quinoxaline derivatives via dynamic kinetic resolution." 13th Iranian Seminar of Organic Chemistry, Hamedan.

16) Ebrahim Kiyani Mehr, and . "Synthesis of azo dyes under solvent-free conditions." 13th Iranian Seminar of Organic Chemistry, Hamedan.

17) Ebrahim Kiyani Mehr, , , and . "Facile and efficient Pinacol rearrangement using heteropolacids under solvent-free conditions." 13th Iranian Seminar of Organic Chemistry, Hamedan.

18) Ebrahim Kiyani Mehr, Arezoo Tanbakoochian, and . "Palladium-Catalyzed Direct Cyanation of Indole Derivatives using Potassium Cyanate and Nitromethane as the Cyanation System." Third International Conference on recent innovations in Chemistry and Chemical Engineering,.

19) Ebrahim Kiyani Mehr, Yousef Amiri Lomedasht, and Nasser Faghieh. "Synthesis of 2-Alkylpyridines via Copper Catalyzed Reactions." Third International Conference on recent innovations in Chemistry and Chemical Engineering, Tehran.

20) Ebrahim Kiyani Mehr, Yousef Amiri Lomedasht, and Nasser Faghieh. "Synthesis of heteroarylated acetanilide derivatives in the presence of copper salts." Third International Conference on recent innovations in Chemistry and Chemical Engineering,.

21) Ebrahim Kiyani Mehr, Arezoo Tanbakoochian, and Nasser Faghieh. "Synthesis of 2-Cyanoanilides via Palladium-Catalyzed Reactions." Third International Conference on recent innovations in Chemistry and Chemical Engineering, Tehran.

22) Ebrahim Kiyani Mehr, Arezoo Tanbakoochian, and Roxana Fazli. "Palladium-Catalyzed Oxidative Cross-Coupling Between Pyridine N-Oxides and Benzofuran Derivatives." Third International Conference on recent innovations in Chemistry and Chemical Engineering,.

23) Parvaneh Hajiabbasi, and Ebrahim Kiyani Mehr. "A ONE-POT MULTICOMPONENT STEREOSELECTIVE SYNTHESIS OF CYCLOPROPANE DERIVATIVES IN WATER." 5TH International Conference of Iran Chemistry, Chemical Engineering And Nano,.

همایش‌های داخلی

1) Ebrahim Kiyani Mehr, Mohammad Ghanbari, and . "Palladium Catalyzed Direct Cyanation of Indoles through C-H bond activation." 17th Iranian Seminar of Organic Chemistry,.

2) Ebrahim Kiyani Mehr. "Pd-catalyzed oxidative cross-coupling between quinones and compounds containing C-H active bonds." 20th Iranian Seminar of Organic Chemistry,.

3) Ebrahim Kiyani Mehr. "Pd-catalyzed oxidative cross-coupling between pyridine N-oxides and N,N-dialkyluracils." 20th Iranian Seminar of Organic Chemistry,.

4) Parvin Hajiabbasi, and Ebrahim Kiyani Mehr. "Synthesis of cyclopropane derivatives via an efficient stereoselective trimerization procedure." 20th Iranian Chemistry Congress,.

5) Parvin Hajiabbasi, and Ebrahim Kiyani Mehr. "Copper-catalyzed coupling of aryl boronic acids with hydrazine hydrate." 20th Iranian Chemistry Congress,.

6) ابراهیم کیان مهر و تونی درست. "_____ esters with bifunctional nucleophiles." 14th Chemistry and Chemical Engineering Congress Dynamic kinetic resolution of a-halo[R]-pentalactone, تهران.

7) ابراهیم کیان مهر و Tony Durst. "9E-9,16-heptadecadien-7-ynoic acid from bark and wood of Santalaceae." 11th Iranian Seminar of Organic Chemistry, تهران.

8) ابراهیم کیان مهر و Tony Durst. "Dynamic Kinetic Resolution of a-Halo[R] - pentalactone acrylates with bifunctional nucleophiles." 11th Iranian Seminar of Organic Chemistry, اصفهان.

فعالیت‌های اجرایی

1) معاون آموزشی و تحصیلات تکمیلی، 1388/02/26، 1390/08/15، ایران، تهران

2) مدیر بخش آلی، 1390/07/23، 1391/06/25، ایران، تهران

3) مدیر بخش آلی، 1391/06/25، 1392/07/26، ایران، تهران

4) مدیر بخش آلی، 1392/07/27، 1393/07/27، ایران، تهران

5) نماینده دانشکده شیمی در کمیته ارزیابی کیفیت آموزش پردیس علوم، 1394/05/25، ایران، تهران