



## Javad Safari

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### Papers in Conferences

1. Z. Zarnegar, J. Safari. Magnetic Nanoparticles as Nanocatalyst for Synthesis of Imidazoles. 19th Iranian Seminar on Organic Chemistry, Rafsanjan, September 5-7 (2012).
2. زهرا منصوری کفروودی، جواد صفری، زهره زرنگار، آزاده عنایتی نجف آبادی، شبنم فرخنده ماسوله، تهیه ی نانوجندسازه های - بسپاری بر پایه ی نانولوله های کربنی و کاربرد آن در فناوری نانو، دومین همایش کاربردهای دفاعی علوم نانو، دانشگاه جامع امام . حسین، تهران، ۵ و ۲۶ بهمن ۱۳۱۳.
3. جواد صفری، زهره زرنگار، تهیهی آسان و استفادهی مؤثر از نانوکاتالیزگرهای مغناطیسی جدید در واکنشهای چندجزیی. برای تهیهی ناجورحلقههای زیستی، چهاردهمین همایش دانشجویی فناوری نانو، تهران، ۴-۵ دی ۱۳۹۲.
4. آزاده عنایتی نجف آبادی، جواد صفری، تهیهی نانوذرات نقره با استفاده از همبسپارهای دوگانه دوست و کاربرد کاتالیزگری آنها - - - در احیای پارا نیتروفلن به پارا آمینوفلن، چهاردهمین همایش دانشجویی فناوری نانو، تهران، ۴-۵ دی ۱۳۹۲.
5. سید حسین بنی طب، شیوا دهقان خلیلی، جواد صفری، سنتز نانوذرات فلز کبالت و بررسی نقش کاتالیزگری آنها در تهیه ی . مشتقهای پیریدین، دوازدهمین همایش دانشجویی فناوری نانو، دانشگاه علوم پزشکی تهران، ۳ و ۴ خرداد ۱۳۹۱.
6. جواد صفری، مرضیه صفری، دشت کاشان، بازگشت به حیات فراموش شده در قرن بیست و یکم، اولین همایش بررسی بحران آب . در دشت کاشان، دانشگاه کاشان، ۲۹ آذر ۱۳۹۰.
7. سمیرا عشیری، فاطمه عزیزی، جواد صفری، نقش فناوری نانو در سلامت محیط زیست، سمپوزیوم تخصصی ایمنی نانو. مواد در انسان و محیط زیست، دانشکده داروسازی دانشگاه علوم پزشکی تهران، ۲۶ بهمن ۱۳۹۱.
8. زهره زرنگار، جواد صفری، شبنم فرخنده ماسوله، آزاده عنایتی نجف آبادی، زهرا منصوری کفروودی، تهیه ی بسپارهای - زیست تخریب پذیر پلی اکسازولین در نانوسیستمهای دارورسانی، دومین همایش کاربردهای دفاعی علوم نانو، دانشگاه جامع امام . حسین، تهران، ۲۵-۲۶ بهمن ۱۳۹۰.
9. زهره زرنگار، جواد صفری، آزاده عنایتی نجف آبادی، زهرا منصوری کفروودی، شبنم فرخنده ماسوله، تهیه و بهینهسازی - نانوساختارهای بسپاری بر پایهی نانوذرات مغناطیسی و کاربرد آن در سامانههای دارورسانی، دومین همایش کاربردهای دفاعی علوم نانو، دانشگاه جامع امام . حسین، تهران، ۲۵-۲۶ بهمن ۱۳۹۰.

10. آزاده عنایتی نجف آبادی، جواد صفری\*، زهره زرنگار، شبنم فرخنده ماسوله، زهرا منصوری کفرودی، تهیبه هم. بسپارهای - زیست تخریب پذیر دوگانه دوست و کاربرد آنها به عنوان حمل کننده های نانو، دومین همایش کاربردهای دفاعی علوم نانو، دانشگاه . جامع امام حسین، تهران، ۲۵-۲۶ بهمن ۱۳۹۰
11. شبنم فرخنده ماسوله، جواد صفری\*، زهره زرنگار، آزاده عنایتی نجف آبادی، زهرا منصوری کفرودی، تهیبه هم. نانوساختارهای - مغناطیسی درختسان و کاربرد آن به عنوان حامل هدفمند دارو، دومین همایش کاربردهای دفاعی علوم نانو، دومین همایش کاربردهای دفاعی علوم نانو، دانشگاه جامع امام . حسین، تهران، ۲۵-۲۶ بهمن ۱۳۹۰
12. جواد صفری، زهره زرنگار، شیمی و آموزش از راه دور، آینده نگری در نظام آموزشی، هفتمین کنفرانس آموزش شیمی ایران، دانشگاه زنجان، زنجان، ۲۴-۲۲ شهریور ۱۳۹۰
13. جواد صفری، زهره زرنگار، آزمایشگاه سبز از آرزو تا عمل، هفتمین کنفرانس آموزش شیمی ایران، دانشگاه زنجان، زنجان، ۲۴-۲۲ شهریور ۱۳۹۰
14. جواد صفری، محمود بروجیان بروجنی، فناوری نانو رویکردی نوین در آموزش شیمی، هفتمین کنفرانس آموزش شیمی ایران، دانشگاه زنجان، زنجان، ۲۴-۲۲ شهریور ۱۳۹۰
15. جواد صفری، سید حسین بنی طبا، شیوا دهقان خلیلی، "تهیه ی رنگدانه ی زرد کینولین بر روی بستر آلومینای بازی در شرایط - بدون حلال، اولین همایش علمی دانشجویی علوم و فناوری رنگ، تهران، ۱۳۹۰
16. J. Safari, L. Javadian, S. Farkhonde A. Enayati najafabadi, "Modifying Fe3O4-functionalized nanoparticles as an efficient catalyst for the synthesis of 1,4-dihydropyridine derivatives via Hantzsch reaction", 16th Iranian Chemistry Congress (ICC2013), Yazd University, Yazd University, Yazd, September 7-9 (2013).
17. J. Safari, O. Sabzi Fini, Synthesis of 5,5- Diphenylhydantoin Derivatives in Solvent –Free Condition, The First Congress of Specialized Chemistry Payame Noor University, December, 22- 23 (2001), University of Payame Noor,.
18. J. Safari, L. Javadian, Z. Zarnegar, "Synthesis and characterization of paramagnetic Fe3O4 nanoparticles as a catalyst for preparation of hydantoins derivatives, 19th Iranian Seminar on Organic Chemistry, Rafsanjan, September 5 -7 (2012)..
19. J. Safari, M. Borjian Borujeni, Z. Zarnegar, "Synthesis of 2,4,6-Triarylpyridines Using Nano Crystalline MgAl2O4 as a Recyclable Catalyst under Ultrasonic Irradiation, 19th Iranian Seminar on Organic Chemistry, Rafsanjan, September 5 -7 (2012)..
20. J. Safari, Z. Akbari, S. Naseh, "Synthesis of 1,2,4,5-tetrasubstituted imidazoles in the presence of nanocrystalline MgAl2O4 as catalyst, 19th Iranian Seminar on Organic Chemistry, Rafsanjan, September 5 -7 (2012)..
21. J. Safari, Z. Akbari, S. Naseh, "Microwave- assisted greener synthesis of 1,2,4,5-tetrasubstituted imidazoles catalyzed by SbCl3/SiO2 under solvent free condition, 19th Iranian Seminar on Organic Chemistry, Rafsanjan, September 5 -7 (2012)..
22. J. Safari, Z. Akbari, S. Naseh, "Nano MgAl2O4: An efficient and versatile catalyst for synthesis multi tetrasubstituted imidazoles under MW irradiation. , 19th Iranian Seminar on Organic Chemistry, Vali-e-Asr University of Rafsanjan, September 5 -7 (2012)..
23. J. Safari, Z. Zarnegar, A. Enayati S. Farkhonde, Z. Mansouri Kafrudi, "Biodegradable Copolymers as Nanocarrier, 15th Iranian Chemistry Congress, Hamedan, Bu-Ali Sina university, Hamedan, September 4-6 (2011)..
24. J. Safari, L. Javadian, "Facile synthesis and characterization of 2,4-imidazolidine-diones using sequenced multi-component reactions in the presence of water". , 15th Iranian Chemistry Congress, Hamedan, September 4-6 (2011)..
25. J. Safari, S. Naseh, Z. Akbari, S. Dehghan Khalili, "One-Pot Synthesis of Trisubstituted Imidazoles Using SbCl3.SiO2 as an Efficient Heterogeneous Catalyst under Solvent-Free Conditions", 15th Iranian Chemistry Congress, Hamedan, September 4-6 (2011)..
26. J. Safari, Z. Zarnegar S. Seyyedi, "Encapsulation of Metal Nanoparticles by Polyoxazolin- $\beta$ -cyclodextrin Hyperbranched Copolymers", 15th Iranian Chemistry Congress, Hamedan, September 4-6 (2011).
27. J. Safari, M. Borjian Borujeni, S. Hosein Banitaba, "Efficient one-pot synthesis of polysubstituted pyridines in heterogeneous conditions using nano crystalline recyclable catalyst, 15th Iranian Chemistry

Congress ,Hamedan ,September 4-6 (2011).

28. J. Safari, Z. Akbari, S. Naseh, S. Dehghan Khalili ,“A Efficient Method for Synthesis Multisubstituted Imidazoles by Using NanoCrystalline MgAl<sub>2</sub>O<sub>4</sub> as Catalyst ,15th Iranian Chemistry Congress ,Hamedan ,September 4-6 (2011).

29. J. Safari. S. Gandomi ,& Ravandi ,The selective synthesis of non-symmetrical azine derivatives in mild reactin conditions, ,15th Iranian Chemistry Congress ,Hamedan ,September 4-6 (2011).

30. J. Safari, M. Heydarian, S.H. banitaba ,A rapid, one-pot and multicomponent synthesis of 2-amino-4H-benzo[b]pyrans using nano crystalline MgO as Catalyst: A green chemistry approach ,15th Iranian Chemistry Congre ,Hamedan, ,September 4-6 (2011).

31. J. Safari, Z. Zarnegar ,“Application of spectroscopy and spectrometry in nanocarrier ,17th Iranian Seminar Of Analytical Chemistry ,Kashan, ,September 12-14 (2010).

32. H. Loghmani ,& Khouzani; M.M. M. Sadeghi; J. Safari ,Preparation and the Study of Tautomerism in Some of 2-Ketomethylquinoline Derivatives ,7th Iranian Organic Chemistry Conference ,University of Tehran, ,September 12-13 (1999).

33. J. Safari, A. Khakpour ,A Facial and Efficient Method for Synthesis of 3- Arylidene Phthalid ,10th Iranian Seminar of Organic Chemistry ,University of Gillan ,Septamber, 10-13 (2002).

34. J. Safari, S. Gandomi ,& Ravandi ,“Microwave-mediated MnO<sub>2</sub>-MWCNT-catalyzed synthesis of Biginelli-type compounds” ,The 16th Iranian Chemistry Congress ,Yazd University ,Septamber 7-9 (2013)..

35. J. Safari, S. Gandomi ,& Ravandi ,SnO<sub>2</sub> decorated on MWCNTs in Sonochemical multicomponent synthesis of pyrimidinone heterocycles ,The 16th Iranian Chemistry Congress ,Yazd University ,Septamber 7-9 (2013).

36. J. Safari, H. Naime M. M Ghanbari ,Study of Mechanism of Phenythoin and Derivatives ,10th Iranian Seminar of Organic Chemistry ,University of Gillan ,Septamber 10-13 (2002).

37. J. Safari, O. Sabzi ,“Effect Combinations Tanen of Masoge in dyeing woll ,1st Iranian Seminar of Carpest in Higher Education, ,University of Kashan ,October, 9-10 (2000)..

38. J. Safari, G. Haghi, A. R. safaie ,“Extraction and determination of the main components of the essential oil of Ducrosia anethifolia by GC and GC/MS” ,1st International Congress on Traditional Medicine and Materia University of Shahid Beheshti Medica ,Tehran, ,October, 5-6 (2004).

39. H. Naeimi, J.Safari, A.H. Raesi ,Ortho Acylation Reactions of Phenol and Naphthol Derivatives in Solid Phase ,9th Iranian seminar of organic chemistry ,University of Imam Hossein ,October, 16-18,.

40. H. Loghmani ,& Khouzani; M.M. M. Sadeghi, J. Safari ,A Novel Method for the Sythesis of Quinophthalones in Solvent – Free Condition using Microwave Irradiation ,th Iranian seminar of organic chemistry ,University of Imam Hossein ,October, 16-18 (2001)..

41. J. Safari , H. Naeimi, M.M. Ghanbari ,Synthesis of 5,5 Diphenylhydantoine derivatives in Solvent free using Microwave Irradiation ,9th Iranian seminar of organic chemistry ,University of Imam Hossein, October, ,October, 16-18 (2001)..

42. H. Naeimi, J.Safari and A. Shamelly ,Synthesis of salicylaldehyde Derivative from Phenol Derivation by Irradiation of Microwave ,9th Iranian seminar of organic chemistry ,University of Imam Hossein ,October, 16-18 (2001)..

43. H. Naeimi, J.Safari, A. Shamelly ,Mono Formylation of Phenol Derivations with Paraformaldehyde and a Base in Carbon Tetrachlorid Solvent ,9th Iranian seminar of organic chemistry ,University of Imam Hossein ,October, 16-18 (2001).

44. H. Naeimi J.Safari, A.H. Raesi ,Synthesis of 2-Hydroxy Phenyl and 2-Hydroxynaphthyl Ketone Derivatives using Methan Sulfonic Acid by Irradiation of Microwave ,9th Iranian seminar of organic chemistry ,University of Imam Hossein ,October, 16-18 (2001).

45. J. Safari, A.R. Falahti ,Cannizzaro Reaction in Solvent-free ,9th Iranian seminar of organic chemistry ,University of Imam Hossein ,October, 16-18 (2001).

46. J. Safari, M. Borjian borujeni, S. H. Banitaba ,Sonochemical one-pot synthesis of polysubstituted pyridines” ,The 9th national Chemistry Congress of payam noor university ,Behshahr, ,October 8-9

(2011)..

47. J. Safari, S. Gandomi, & Ravandi, "Structure investigation and spectrum of the C=N bond in mixed azine derivatives", The 9th national Chemistry Congress of payam noor university, Behshah, October 8-9 (2011).
48. J. Safari, S. Dehghan Khalili, S. H. Banitaba, "One-pot synthesis of 2,4,5-trisubstitute imidazole derivatives with DAHP and 2-morpholinoethanesulfonic acid as catalysts", 17th Iranian Seminar Of Organic Chemistry, Babolsar, October 13-15 (2010)..
49. J. Safari, S. Gandomi Ravandi, S. dehghan khalili, "Synthesis and characterization structure of new formazane dye with quinoline moiety", 17th Iranian Seminar of Organic Chemistry, Mazandaran, October 13-15 (2010).
50. J. Safari, N. Moshtael Arani, "A rapid and efficient ultrasound-assisted synthesis of 5,5-diphenyl(thio)hydantoin", 17th Iranian Seminar Of Organic Chemistry, Babolsar, October 13-15 (2010).
51. J. Safari, F. Rahimi, M. Ahmadi, "Oxidation of benzoin to benzyl using manganese(II) Schiff base complexes and H<sub>2</sub>O<sub>2</sub>", 17th Iranian Seminar Of Organic Chemistry, Babolsar, October 13-15 (2010).
52. J. Safari, M. Ahmadi, F. Rahimi, "Preparation of selective unsymmetrical benzoin", 17th Iranian Seminar Of Organic Chemistry, Babolsar, Mazandaran university, October 13-15 (2010).
53. J. Safari, S. Dehghan Khalili, S. H. Banitaba, "Synthesis and characterization structure of new formation dye with quinoline moiety", 17th Iranian Seminar of Organic Chemistry, Babolsar, October 13-15 (2010).
54. J. Safari, L. Javadian, "One-pot synthesis of 5,5-disubstituted hydantoin under ultrasonic and microwave irradiation", 17th Iranian Seminar Of Organic Chemistry, Babolsar, October 13-15 (2010).
55. J. Safari, Z. zarnegar, M. Adeli, "Polyoxazolin cyclodextrin hyperbranched copolymers as drug delivery", 17th Iranian Seminar Of Organic Chemistry, Babolsar, October 13-15 (2010).
56. J. Safari, S. Gandomi, & Ravandi, M. Ghotbinejad, "Synthesis of perhydrotriazolotriazoles by 1,3-dipolar cycloaddition reaction (criss-cross cycloaddition) using ultrasonic irradiation and catalyzed by TiCl<sub>4</sub>", 17th Iranian Seminar Of Organic Chemistry, Babolsar, October 13-15 (2010).
57. M.M. M. Sadeghi, H. Loghmani, & Khouzani, J. Safari, "Synthesis and Investigation of Structure of Certain Ketoximes, Dioximes and Glyoxal Monoximes of 2-Ketomethylquinolines by Ultrasound", 2nd Congress of Chemistry of Islamic Azad, University of Tehran, November 22-23 (2000).
58. J. Safari, O. Sabzi, "Extraction Plant Essential Oil with Use of Ultrasound", 1st International Congress on Traditional Medicine and Materia, University of Shahid Beheshti Medica, November. 6-9 (2000).
59. M.M. M. Sadeghi; H. Loghmani, & Khouzani, J. Safari, O. Sabzi, "Solid- Phase Synthesis of Indols", 8th Iranian Seminar of Organic Chemistry, University of Kashan, May, 16-18 (2000)..
60. M.M. M. Sadeghi; H. Loghmani, & Khouzani; J. Safari, M. S. Abdorrezaieand, M. Jafarpisheh, "Microwave Assisted Solvent-Free Synthesis of Azines", 8th Iranian Seminar of Organic Chemistry, University of Kashan, May, 16-18 (2000).
61. M.M. M. Sadeghi; H. Loghmani, & Khouzani; J. Safari, M. S. Abdorrezaieand, M. Jafarpisheh, "Microwave Assisted Solvent-Free Synthesis of Azines", Microwave Assisted Solvent-Free Synthesis of Azines, University of Kashan, May, 16-18 (2000).
62. S. Tangestaninejad, J. Safari, M. R. Mansournia, "Oxidation of Amines by Manganese (III) Complex with Peroxydisulfate", 8th Iranian Seminar of Organic Chemistry, University of Kashan, May, 16-18 (2000).
63. M.M. M. Sadeghi; H. Loghmani, & Khouzani, J. Safari, O. Sabzi, "Solid- Phase Synthesis of Indols", 8th Iranian Seminar of Organic Chemistry, University of Kashan, May, 16-18 (2000).
64. S. Tangestaninejad; J. Safari, A. Dianat, "Catalytic Oxidation of Amines by Metallophthalocyanine Complexes", 8th Iranian Seminar of Organic Chemistry, University of Kashan, May, 16-18 (2000).
65. J. Safari, A. Landarani, "Rotaxane and catenane based molecular machines and motors", 3rd Iranian national congress on chemistry, Islamic azad university, varamin-pishva branch, May 30-31 (2007)..
66. J. Safari, H. Banitaba, "Introduction to challenge of chemistry", 3rd Iranian national congress on chemistry, Islamic azad university, varamin-pishva branch, May 30-31 (2007).

67. J. Safari, S. Gandomi, & Ravandi, A green chemistry approach for synthesis of azine derivatives under mild and solvent-free condition, The national chemistry conference, Shahreza, May 12-13 (2010).
68. J. Safari, S. D. Khalili, Preparation of some of the new derivatives of quinophthalones from quinaldins by Lewis acids as catalyst under solvent-free conditions, 6th conference of science, Guilan, Guilan university, May 1-5 (2007).
69. J. Safari, S. D. Khalili, Advanced Strategic and Miniature Methods for the Preparation and Structures Investigation of some of the isobenzofuranone derivatives, 6th conference of science, Guilan, Guilan university, May 1-5 (2007).
70. J. Safari, H. Karbasizadeh, Hallucinogenic drugs chemistry, 6th conference of science, Guilan, Guilan university, May 1-5 (2007).
71. J. Safari, A. Landarani, Rotaxane and catenane based molecular machines and motors, 6th conference of science, Guilan university, May 1-5 (2007).
72. J. Safari, H. Banitaba, Introduction to challenges of chemistry, 6th conference of science, Guilan university, May 1-5 (2007).
73. J. Safari, Z. Zarnegar, S. Farkhonde Masoule, Z. Mansouri Kafrudi, A. Enayati Najafabady, A novel polyamidoamino dendrimer based on carbon nanotube as nanocarrier, 18th Iranian seminar of organic chemistry, Zahedan, March 7-9 (2012).
74. J. Safari, Z. Zarnegar, L. Javadian, "Magnetic Hyperbranched Polymer Based on Carbon Nanotube", 18th Iranian seminar of organic chemistry, Zahedan, March 7-9 (2012).
75. J. Safari, L. Javadian, Z. Zarnegar, An efficient synthesis of 5,5-disubstituted hydantoin in the presence of SiO<sub>2</sub> functionalized CNT (SiO<sub>2</sub>@CNT), 18th Iranian seminar of organic chemistry, Zahedan, March 7-9 (2012).
76. J. Safari, Z. Mansouri Kafrudi, Z. Zarnegar, S. Farkhonde Masoule, A. Enayati Najafabady, Polymeric nano structure based on the carbon nanotube (CNT), 18th Iranian seminar of organic chemistry, Zahedan, March 7-9 (2012).
77. J. Safari, S. Farkhonde Masoule, Z. Zarnegar, Z. Mansouri Kafrudi, A. Enayati Najafabady, Pd nanoparticles immobilized on Fe<sub>3</sub>O<sub>4</sub>@SiO<sub>2</sub>-PAMAM as recoverable for Heck reaction, 18th Iranian seminar of organic chemistry, Zahedan, March 7-9 (2012).
78. J. Safari, A. Enayati Najafabady, Z. Zarnegar, S. Farkhonde Masoule, Z. Mansouri Kafrudi, Amphiphilic diblock copolymers based on poly(2-ethyl-2-oxazoline) and poly(ε-caprolactone) synthesis and characterization, 18th Iranian seminar of organic chemistry, Zahedan, March 7-9 (2012).
79. Z. Zarnegar, J. Safari, Cu supported Fe<sub>3</sub>O<sub>4</sub>/polyethylene glycol nanocomposite for the synthesis of substituted imidazoles, 21th Iranian Seminar on Organic Chemistry, Ilam University, March 13-15 (2014).
80. J. Safari, S. Farkhonde Masoule, "Fabrication of water-soluble magnetic nanoparticles by amphiphilic copolymer: A novel vehicle for entrapment of poorly water-soluble drugs, 21th Iranian Seminar on Organic Chemistry, Ilam University, March 13-15 (2014).
81. J. Safari, S. Shaeiat, "Synthesis of azines catalyzed by tungsten hexachloride-montmorillonite: Green design methodology", 21th Iranian Seminar on Organic Chemistry, Ilam University, March 13-15 (2014).
82. Z. Zarnegar, J. Safari, Ultrasonic activated efficient synthesis of chromenes using amino-silane modified Fe<sub>3</sub>O<sub>4</sub> nanoparticles, 21th Iranian Seminar on Organic Chemistry, Ilam University, March 13-15 (2014).
83. J. Safari, S. Ashiri, Sulfonated graphene oxide: an A highly efficient solid acid catalyst for the one-pot synthesis of 3,4-dihydropyrimidin-2(1H)-ones, 21th Iranian Seminar on Organic Chemistry, Ilam University, March 13-15 (2014).
84. J. Safari, L. Javadian, The green synthesis of 2-amino-4H-chromene derivatives using Fe<sub>3</sub>O<sub>4</sub>-functionalized nanoparticles as a catalyst, 21th Iranian Seminar on Organic Chemistry, Ilam University, March 13-15 (2014).
85. J. Safari, S. Gandomi, & Ravandi, Copper supported on CNTs as a heterogeneous catalyst in the

- microwave-mediated synthesis of 2,3-dihydroquinazolin-4(1H)-ones ,20th Iranian Seminar of Organic Chemistry, Bu-Ali Sina University ,Hamedan ,July 3-5 (2013).
86. J. Safari, P. Aftabi ,Solvent-free one-pot synthesis of 1-amidoalkyl-2-naphtols using nano-magnetic catalyst". ,20th Iranian Seminar of Organic Chemistry ,Bu-Ali Sina University ,July 3-5 (2013).
87. J. Safari, Z. Haghighi ,Synthesis of Magnetic Nano adsorbents by Biodegradable Polymers Optimization Removal of Cationic Dyes from Water" ,20th Iranian Seminar of Organic Chemistry ,Hamedan ,July 3-5 (2013).
88. J. Safari, R. Sharifi Jondani ,Preparation of styrylquinoline with condensation reaction corresponding to principle of green chemistry ,2nd National Seminar of Chemistry & Environment ,Isfahan, University of Isfahan ,Januery.26-28 (2004).
89. J. Safari, O. Sabzi Fini, ,To Consider Different Function in Quality and Quantity of Rose – water" ,The First Congress Iranian Medicinal Plants, ,Tehran ,February, 13–16 (2002).
90. H. Loghmani, & Khouzani; M.M.M. Sadeghi, J. Safari ,Spectrophotometric Study of Some Heavy Metal Complex of New Quinophthalones in Acetonitrile ,10th Iranian Seminar of Analytical Chemistry ,Sharif University of Technology ,February 6-8, (2001).
91. J. Safari, Z. Sadeghi ,The Synthesis and Characterization ligands structure ferriene group ,The first Collegiate Conference Iran Chemistry ,Tehran, University of Tehran ,February 59 (2002).
92. J. Safari, F. Sheybani ,Synthesis of  $\alpha$ -Oxim Derivatives from 2- Ketomethylquinoline" ,The First Collegiate Conference Iran Chemistry ,Tehran University ,February 20-22 (2002).
93. J. Safari, R. Sharifi Jondani ,A Facile and Efficient Method for Synthesis of 2-Ketomethylquinolines by Using of Hydrolysis of 3-Arylidene-1-(3H)Isobenzofuranones ,14th Iranian Chemistry and Chemical Engineering Congress, ,University of Tarbiat Moalem Tehran ,February 16-18 (2004).
94. J. Safari, M. Soltanian Telk Abadi ,Preparation of 3-Phenylisoquinoline Derivatives ,14th Iranian Chemistry and Chemical Engineering Congress ,Tehran, University of Tarbiat Moalem Tehran ,February 16-18 (2004).
95. J. Safari, F. Sheybani ,Synthesis and Identification of  $\alpha$ -Oxim Derivatives from 2- Ketomethylquinoline Under Mild and Heterogeneous Condition ,14th Iranian Chemistry and Chemical Engineering Congress, ,14th Iranian Chemistry and Chemical Engineering Congress, ,February 16-18 (2004).
96. J. Safari, M. Mazloum, N. Shekarlab ,Study of Electrochemical Behavior of 3-Methylcatechol in the Presence of 1,3-Indandione ,14th Iranian Chemistry and Chemical Engineering Congress ,Tehran, ,February 16-18 (2004).
97. J. Safari, A. Ramezan Isfahani ,Preparation of Symmetrical and Unsymmetrical Benzoin With Ultrasound ,14th Iranian Chemistry and Chemical Engineering Congress ,Tehran, University of Tarbiat Moalem Tehran, ,February 16-18 (2004).
98. J. Safari, F. Sheybani ,Synthesis and Characterization of 2- hydroxyamino-1-(4-pyridyl)-2-(2-quinoly)-1-ethane" ,14th Iranian Chemistry and Chemical Engineering Congress ,Tehran ,February 16-18 (2004).
99. J. Safari, S. Ansari, O. Sabzi, ,“Preparation Acetate Cellulose of Chaffs Wheat With Use of Microwave Irradiation” ,4th Iranian Biophysical Chemistry Seminar ,University of Tehran ,February 15-17 (2000)..
100. J. Safari ,Semi – Empirical Studies of Tautomerism in Some of the  $\alpha$  Hydrazo Ketomethyl Quinolines ,The First Congress of Specialized Chemistry Payame Noor University ,University of Payame Noor ,December, 22- 23 (2001)..
101. J. Safari, H. Naimey, M. M Ghanbari ,The Synthesis of thiophenytin and diphenylglycerolyl in Solvent- Free Condition using Microwave Irradiation ,The First Congress of Specialized Chemistry Payame Noor University ,University of Payame Noor ,December, 22- 23 (2001).
102. J. Safari, L. Javadian ,Microwave assisted green synthesis of 5,5-disubstituted hydantoin derivatives using symmetrical and unsymmetrical carbonyl compounds ,5th National Seminar of Chemistry and Environment, ,Ahvaz ,December 21-23 (2011).

103. J. Safari, Z. Zarnegar, Green Chemistry and Synthetic Chemistry in Design for Degradation, 5th National Seminar of Chemistry and Environment, Ahvaz, December 21-23 (2011).
104. J. Safari, H. Karbasizadeh, Facile method for the synthesis of N-alkyl-2-ketomethylquinoline and their azo derivatives", 15th Iranian Seminar Of Organic Chemistry, Kermanshah, August 27-29 (2008).
105. J. Safari, S. H. Banitaba, S. D. Khalili, "New and facile method for preparation of quinophthalone by reorganization of isobenzofuranone derivatives", 15th Iranian Seminar Of Organic Chemistry, Kermanshah, August 27-29 (2008).
106. J. Safari, S. H. Banitaba, S. D. Khalili, "A facile, environmentally benign quinophthalone synthesis with intervention of Lewis acid", 15th Iranian Seminar Of Organic Chemistry, Kermanshah, August 27-29 (2008).
107. J. Safari, S. H. Banitaba, S. D. Khalili, One-pot synthesis of quinaldine derivatives with using microwave irradiation without any solvent according to green chemistry, 16th Iranian Conference Of Organic Chemistry, Zanjan, August 18-20 (2009).
108. J. Safari, N. Moshtael Arani, "Ultrasound-promoted green synthesis of 1,3-disubstituted-5,5-diphenyl (thio)hydantoins", 16th Iranian Seminar of Organic Chemistry, Zanjan University, August 18-20 (2009).
109. J. Safari, M. Qotbinejad, Synthesis of aldazine derivatives by Ultrasound irradiation and preparation of their Copper (II) complexes", 16th Iranian Seminar of Organic Chemistry, Zanjan University, August 18-20 (2009).
110. J. Safari, S. Gandomi Ravandi, Synthesis of furazine derivatives by microwave irradiation and preparation of their Cu (II) complexes, 16th Iranian Seminar of Organic Chemistry, Zanjan University, August 18-20 (2009).
111. J. Safari, S. H. Banitaba, S. D. Khalili, Catalyzed and green synthesis of trisubstituted imidazoles in heterogeneous and mild condition", 16th Iranian Conference Of Organic Chemistry, Zanjan, August 18-20.
112. H. Loghmani, & Khouzani; M.M. M. Sadeghi; J. Safari, "Preparation and Study the Structure of New Pyrroloquinolinones, 3th Iranian Seminar of Organic Chemistry, University of Arak, August 16-18.
113. J. Safari, S. H. Banitaba, S. D. Khalili, "A simple one-pot synthesis of quinophthalone pigment under solvent-free conditions by intervention of Lewis acid", 15th Iranian Seminar Of Organic Chemistry, Kermanshah, August 27-29 (2008).
114. J. Safari, H. Naimeh, M. M. Ghanbari, M. Zare, "Solid-Phase Synthesis of Phenytoins, Thiophenytoines and Dylantins Nanocatalysts Tautomerism and structure in reaction products from 2-ketomethyl quinolines and aryldiazonium ions Synthesis and Dyeing Performance of Some Novel Heterocyclic Azo Disperse", 2th Iranian Seminar of Organic Chemistry, Ahwas, Jundi Shapour University of Medical Sciences, 2006.
115. J. Safari, S. D. Khalili, "Synthesis of quinophthalone and isobenzofuranone new", 13th Iranian seminar of org. chem, Hamadan, Bu Ali Sina University, 2006.
116. J. Safari, S. D. Khalili, "Preparation of lepidine of quinophthalone and", 13th Iranian seminar of org. chem, Hamadan, Bu Ali Sina University, 2006.
117. J. Safari, S. Sadegh Samiei, Synthesis of quinaldines by one-pot reaction under, 13th Iranian seminar of org. chem, Hamadan, Bu Ali Sina University, 2006.
118. J. Safari, S. Sadegh Samiei, "One-pot synthesis of substituted quinolines from aniline, ....." 13th Iranian seminar of org. chem, Hamadan, Bu Ali Sina University, 2006.
119. J. Safari, O. Sabzi Fini, "A Simple Method for the Synthesis of 2-Ketomethylquinolines by AlCl<sub>3</sub>", 13th Iranian seminar of org. chem, Hamadan, Bu Ali Sina University, 2006.
120. J. Safari, Z. Sadeghi, Synthesis and Dyeing Performance of Some Novel Heterocyclic Azo Disperse Dyes, 11th Iranian Organic Chemistry, Technology of Isfahan University, 2005.
121. J. Safari, Z. Sadeghi, Tautomerism and structure in reaction products from 2-ketomethyl quinolines and aryldiazonium ions, 7th Iranian physical Chemistry, Technology of Isfahan University, 2005.

122. J. Safari, Z. Sadeghi, "Nanocatalysts", 3rd Chemistry Conference of Payam-e-noor, Isfahan, 2005.
123. J. Safari, Z. Sadeghi, "Silica Sulfuric Acid a System for the  $\alpha$ -phenyl hydrazination of 1-phenyl-2-quinolyl ethanone Under Mild Heterogeneous Conditions", 14th Iranian Chemistry and Chemical Engineering Congress, Tehran, University of Tarbiat Moalem Tehran, 2004.
124. J. Safari, Z. Sadeghi, "The Synthesis azo dyes with base quinoline", The first seminar on environment and color, Dyes Industry, 2004.
125. M. Mazloun, N. Nasirizadeh, H. R. Zare, J. Safari, "Highly Selective Membrane Lead Electrode Based on New Derivative Quinoline", 12th Iranian Seminar of Analytical Chemistry, Babolsar, 2003.
126. J. Safari; H. Loghmani, & Khouzani, M.M. M. Sadeghi, "Investigation of Tautomerism in Some New of 2-Ketomethylquinoline Derivatives", 2nd Iranian Seminar of Organic Chemistry, Mazandran, 1992.
127. H. Loghmani, & Khouzani; M.M. M. Sadeghi, J. Safari, "Oxidation of 2-Ketomethylquinolines", 4th Iranian Pharmaceutical Congress, Tabriz University of Medical Sciences, 1992.
128. J. Safari, O. Sabzi Fini, "Synthesis of Indole derivative from phenylhydrazones using Acetic anhydride Supported on Silica gel in Solvent-Free Condition under Microwave Irradiation", 9th Iranian seminar of organic chemistry, University of Imam Hossein, 16-18 2001.
129. J. Safari, Z. Sadeghi, "Modified System for the Azo Coupling of New Derivatives of Alkyl-2-ketomethyl quinolines", 2nd National seminar of chemistry & environment, Isfahan, (2004).
130. H. R. Zare, N. Nasirizadeh, M. Mazloun, J. Safari, "A Novel PVC Membrane Sensor for Potentiometric Determination of Lead(II)", 12th Iranian Seminar of Analytical Chemistry, Mazandaran University, (2003).

## Papers in Journals

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1. Javad Safari\*, Zohre Zarnegar, Mahmoud borjian borujeni. Mesoporous nanocrystalline MgAl<sub>2</sub>O<sub>4</sub>: A new heterogeneous catalyst for the synthesis of  $\alpha,\beta,\gamma$ -triarylpyridines under solvent-free conditions. *Chemical Papers*. 2013.
  2. Javad Safari \*, Zahra Akbari, Simin Naseh. Nanocrystalline MgAl<sub>2</sub>O<sub>4</sub> as an efficient catalyst for one-pot synthesis of multisubstituted imidazoles under solvent-free conditions. *Journal of Saudi Chemical Society*. 2012.
  3. Javad Safari a, , Sayed Hossein Banitaba a, Shiva Dehghan Khalili. Ultrasound-promoted an efficient method for one-pot synthesis of  $\alpha$ -amino- $\beta,\gamma$ -diphenylnicotinonitriles in water: A rapid procedure without catalyst. *Ultrasonics Sonochemistry*. 2012.
  4. J. Safari and S. Gandomi, Ravandi. Highly Efficient Practical Procedure for the Synthesis of Azine Derivatives Under Solvent-Free Conditions. *Synthetic Communications*, 2012.
  5. J. Safari \*, S. Gandomi, Ravandi, and M. Ghotbineja. New Synthesis of Perhydrotriazolotriazoles Catalyzed by TiCl<sub>4</sub> under Ambient Conditions. *Journal of the Korean Chemical Society*. 2011.
  6. H. Loghmani, Khouzani, O. Sabzi Fini and J. Safari. Essential Oil Composition of *Rosa damascena* Mill Cultivated in Central Iran. *Scientia Iranica*. 2007.
  7. Hossein Loghmani, Khouzani, Majid M. Sadeghi, Javad Safari and Alireza Minaeifar. A novel method for the synthesis of  $\alpha$ -ketomethylquinolines under solvent-free conditions using microwave irradiation. *TETRAHEDRON LETTERS*. 2001.
  8. Z. Shokrania, Z. Zarnegarband J. Safari, Aluminum Oxide Nanoparticle as a Valuable Heterogeneous Nanocatalyst in the Synthesis of 2-Aminothiazole Scaffolds, *Org. Chem. Res*, 2020.
  9. Narges Hosseini Nasab, Javad Safari, The Novel Synthesis of Functionalized Indenopyrazolones Using Fe<sub>3</sub>O<sub>4</sub> nanoparticles stabilized on MMT: An Efficient Magnetically Recoverable Heterogeneous Nanocomposite Catalyst, *J. Heterocyclic Chem.*, 2019.
  10. Shabnam Farkhonde Masoule<sup>1,2</sup> · Maryam Pourhajibagher<sup>3</sup> · Javad Safari<sup>2</sup> · Mehdi Khoobi, Base-free green synthesis of copper(II) oxide nanoparticles using highly cross-linked poly(curcumin) nanospheres: synergistically improved antimicrobial activity, Vol.:(0123456789) *Research on Chemical Intermediates*, 2019.



11. Javad Safaria,\* , Mona Tavakolia, Mohammad Ali Ghasemzadeh, Ultrasound-promoted an efficient method for the one-pot synthesis of indeno fused pyrido[2,3-d]pyrimidines catalyzed by H<sub>3</sub>PW<sub>12</sub>O<sub>40</sub> functionalized chitosan@Co<sub>3</sub>O<sub>4</sub> as a novel and green catalyst, *Journal of Organometallic Chemistry*, 2019.
12. Narges Hosseini Nasab, Javad Safari, The Novel Synthesis of Functionalized Indenopyrazolones Using Fe<sub>3</sub>O<sub>4</sub> nanoparticles stabilized on MMT: An Efficient Magnetically Recoverable Heterogeneous Nanocomposite Catalyst, *J. Heterocyclic Chem.*, 2019.
13. Javad Safari, Narges Hosseini Nasab, Fe<sub>3</sub>O<sub>4</sub> magnetic nanoparticles in the layers of montmorillonite as a valuable heterogeneous nanocatalyst for the one-pot synthesis of indeno[1,2-b]indolone derivatives in aqueous media, *Research on Chemical Intermediates*, 2019.
14. Javad Safari, Mona Tavakoli, Mohammad Ali Ghasemzadeh, H<sub>3</sub>PMo<sub>12</sub>O<sub>40</sub>-immobilized chitosan/Co<sub>3</sub>O<sub>4</sub>: A novel and recyclable nanocomposite for the synthesis of pyrimidinedione derivatives, *Appl Organometal Chem*, 2019.
15. Narges Hosseini Nasab, Javad Safari, An efficient protocol for the synthesis of spiroindenoquinoline derivatives using novel NiFe<sub>2</sub>O<sub>4</sub>/Ag<sub>3</sub>PO<sub>4</sub> as a nano magnetically heterogeneous catalyst, *polyhedron*, 2019.
16. Zohre Zarnegar, Zahra Shokrani, Javad Safari, Asparagine functionalized Al<sub>2</sub>O<sub>3</sub> nanoparticle as a superior heterogeneous organocatalyst in the synthesis of 2-aminothiazoles, *Journal of Molecular Structure*, 2019.
17. Zohre Zarnegara, Javad Safarib, □, Zohreh Zahraei, Design, synthesis and antimicrobial evaluation of silver decorated magnetic polymeric nanocomposites, *Nano-Structures & Nano-Objects*, 2019.
18. Zohre Zarnegar, Masoud Sadeghi, Roghayeh Alizadeh, Javad Safai, HX-DMSO: A novel liquid halogenating system for synthesis of 2-aminothiazoles via Csp<sup>3</sup>\\H bond functionalization, *Journal of Molecular Liquids*, 2019.
19. Simin Mollaei, Zohre Zarnegar & Javad Safar, Synthesis of arylazothiazole dyes in the presence of sulfonated nanostructure, *Journal of Sulfur Chemistry*, 2019.
20. Zohre Zarnegar, Homeyra Rostami Monjezi, Javad Safari, Arginine-based surface modification of nanostarch, a catalytic carbohydrates in synthesis of heteroaryl sulfides, *Journal of Molecular Structure*, 2019.
21. Narges Hosseini Nasab, Javad Safari, Synthesis of a wide range of biologically important spiropyrans and spiroacenaphthylenes, using NiFe<sub>2</sub>O<sub>4</sub>@SiO<sub>2</sub>@Melamine magnetic nanoparticles as an efficient, green and reusable nanocatalyst, *Journal of Molecular Structure*, 2019.
22. J Safari, NH Nasab, Ultrasonic Activated Efficient Synthesis of Indenopyrazolones via a One-Pot Multicomponent Reaction, *Polycyclic Aromatic Compounds*, 2019.
23. Majid Ahmadzadeh, Zohre Zarnegar & Javad Safari, Sonochemical synthesis of methyl-4-(hetero)arylmethylene isoxazole-5(4H)-ones using SnII-montmorillonite, *green chemistry*, 2018.
24. Javad Safari a , \* , Mona Tavakoli a , Mohammad Ali Ghasemzadeh, Ultrasound-promoted an efficient method for the one-pot synthesis of indeno fused pyrido[2,3-d]pyrimidines catalyzed by H<sub>3</sub>PW<sub>12</sub>O<sub>40</sub> functionalized chitosan@Co<sub>3</sub>O<sub>4</sub> as a novel and green catalyst, *Journal of Organometallic Chemistry*, 2018.
25. Javad Safari, Zahra Shokrani & Zohre Zarnegar, Asparagine as a Green Organocatalyst for the Synthesis of 2-Aminothiazoles, *POLYCYCLIC AROMATIC COMPOUNDS*, 2018.
26. Sh. Farkhonde Masoule 1 , M. Pourhajibagher 2 , M. Khoobi \* 3,4 , J. Safari, Photodynamic Inactivation of Endopathogenic Microbiota Using Curcumin-mediated Antimicrobial Photodynamic Therapy, *Journal of Sciences, Islamic Republic of Iran*, 2018.
27. Javad Safari 1 · Narges Hosseini Nasab, Fe<sub>3</sub>O<sub>4</sub> magnetic nanoparticles in the layers of montmorillonite as a valuable heterogeneous nanocatalyst for the one-pot synthesis, *Research on Chemical Intermediates*, 2018.
28. Javad Safari \* , Pegah Aftabi, Majid Ahmadzadeh, Masoud Sadeghi, Zohre Zarnegar, Sulfonated starch nanoparticles: An effective, heterogeneous and biobased catalyst for synthesis of 14-aryl-14-H-

dibenzo[a,j]xanthenes, *Journal of Molecular Structure*, 2017.

29. Javad Safari <sup>1</sup> · Soheila Gandomi-Ravandi <sup>1</sup> · Saeedeh Sharia, Tungsten hexachloride nanoparticles loaded on montmorillonite K-10: a novel solid acid catalyst in the synthesis of symmetrical and unsymmetrical azines, *J IRAN CHEM*, 2016.

30. Javad Safari <sup>□</sup> , Zahra Abedi , & Jazini, Zohre Zarnegar, Masoud Sadeghi, Nanochitosan: A biopolymer catalytic system for the synthesis of 2-aminothiazoles, *Catalysis Communication*, 2016.

31. Masoud Sadeghi, Javad Safari \* and Zohre Zarnegar, Synthesis of 2-aminothiazoles from methylcarbonyl compounds using a Fe<sub>3</sub>O<sub>4</sub> nanoparticle-N-halo reagent catalytic system, *RSC Advances*, 2016.

32. Javad Safari \* , Zohre Zarnegar, Masoud Sadeghi, Azadeh Enayati , & Najafabadi, Dendritic macromolecules supported Ag nanoparticles as efficient catalyst for the reduction of 4-nitrophenol, *Journal of Molecular Structure*, 2016.

33. Javad Safari <sup>□</sup> , Majid Ahmadzadeh, Zohre Zarnegar, Sonochemical synthesis of 3-methyl-4-arylmethylene isoxazole-5(4H)-ones by amine-modified montmorillonite nanoclay, *Catalysis Communication*, 2016.

34. Zohre Zarnegar and Javad Safari, Heterogenization of an imidazolium ionic liquid based on magnetic carbon nanotubes as a novel organocatalyst for the synthesis of 2-aminochromenes via a microwave-assisted multicomponent strategy, *NJC*, 2016.

35. Z. Abedi , & Jazini, J. Safari, Z. Zarnegar & M. Sadeghi, A Simple and Efficient Method for the Synthesis of 2-Aminothiazoles under Mild Conditions, *POLYCYCLIC AROMATIC COMPOUNDS*, 2016.

36. J. Safari\*, M. Ahmadzadeh and Z. Zarnegar, Ultrasound-assisted Method for the Synthesis of 3-Methyl-4-arylmethylene Isoxazole-5(4H)-ones Catalyzed by Imidazole in Aqueous Media, *Org. Chem. Res.*, 2016.

37. Zohre Zarnegar and Javad Safari, Magnetic carbon nanotube-supported imidazolium cation-based ionic liquid as a highly stable nanocatalyst for the synthesis of 2-aminothiazoles, *Appl. Organometal. Chem*, 2016.

38. Javad Safari \* , Zohre Zarnegar, Masoud Sadeghi and Fatemeh Azizi, Chitosan-SO<sub>3</sub>H: An Efficient and Biodegradable Catalyst for the Green Syntheses of 1,4-dihydropyridines, *Current Organic Chemistry*, 2016.

39. Javad Safari, Azadeh Enayati Najafabadi, Zohre Zarnegar & Shabnam Farkhonde Masouleh, Catalytic performance in 4-nitrophenol reduction by Ag nanoparticles stabilized on biodegradable amphiphilic copolymers, *Green Chemistry*, 2016.

40. Z. Abedi , & Jazini, J. Safari, Z. Zarnegar, and M. Sadeghi, A Simple and Efficient Method for the Synthesis of 2-Aminothiazoles Under Mild Conditions, *POLYCYCLIC AROMATIC COMPOUNDS*, 2016.

41. Zohre Zarnegar, Javad Safari, The novel synthesis of magnetically chitosan/carbon nanotube composites and their catalytic applications, *International Journal of Biological Macromolecules*, 2015.

42. Javad Safari \* and Zohre Zarnegar, An environmentally friendly approach to the green synthesis of azo dyes in the presence of magnetic solid acid catalysts, *RSC Advances*, 2015.

43. J. Safari , \* S. Gandomi , & Ravandi and Z. Haghig, Supported polymer magnets with high catalytic performance in the green reduction of nitroaromatic compounds, *RSC Advances*, 2015.

44. Javad Safari,\* Soheila Gandomi , & Ravandi and Samira Ash, Organosilane sulfonated graphene oxide in the Biginelli and Biginelli-like reactions, *NJC*, 2015.

45. Javad Safari\*, Soheila Gandomi , & Ravandi, Carbon nanotubes supported by titanium oxide nanoparticles as recyclable and green catalysts for mild synthesis of dihydropyrimidinones/thiones, *Molecular Structure*, 2014.

46. Javad Safari \* and Soheila Gandomi , & Ravandi, Fe<sub>3</sub>O<sub>4</sub>-CNTs nanocomposites: a novel and excellent catalyst in the synthesis of diarylpyrimidinones using grindstone chemistry Fe<sub>3</sub>O<sub>4</sub>-CNTs nanocomposites: a novel and excellent catalyst in the synthesis of diarylpyrimidinones using grindstone chemistry, *RSC Advances*, 2014.

47. Javad Safari \* and Soheila Gandomi ,& Ravand,Silver decorated multi-walled carbon nanotubes as a heterogeneous catalyst in the sonication of 2-aryl-2,3-dihydroquinazolin-4(1H)-ones,RSC Advances,2014.
48. Zohre Zarnegar a & Javad Safari,Green chemistry-mediated synthesis of benzil by using nano-MgO,journal of Experimental Nanoscience,2014.
49. Javad Safari\*, Soheila Gandomi ,& Ravandi,Microwave accelerated synthesis of 2-aryl-2,3-dihydroquinazolin-4(1H)-ones in the present of nanocomposites,Journal of Molecular Catalysis A: Chemical,2014.
50. Javad Safari\*, Simin Naseh, Zohre Zarnegar, Zahra Akbari,Applications of microwave technology to rapid synthesis of substituted imidazoles on silica-supported SbCl<sub>3</sub> as an efficient heterogeneous catalyst,Taibah University of journal,2014.
51. Javad Safari □ , Soheila Gandomi ,& Ravandi,Efficient synthesis of 2-aryl-2,3-dihydroquinazolin-4(1H)-ones in the presence of nanocomposites under microwave irradiation,Journal of Molecular Catalysis,2014.
52. Zohre Zarnegar and Javad Safari,Fe<sub>3</sub>O<sub>4</sub>@chitosan nanoparticles: a valuable heterogeneous nanocatalyst for the synthesis of 2,4,5-trisubstituted imidazoles,RSC Advances,2014.
53. Javad Safari • Zohre Zarnegar,Magnetic nanoparticles supported imidazolium-based ionic liquids as nanocatalyst in microwave-mediated solvent-free Biginelli reaction,Nanopart Res,2014.
54. Javad Safari □ , Zohre Zarnegar,Ultrasonic activated efficient synthesis of chromenes using amino-silane modified Fe<sub>3</sub>O<sub>4</sub> nanoparticles: A versatile integration of high catalytic activity and facile recovery,journal of molecular structure,2014.
55. Javad Safari\* and Soheila Gandomi ,& Rava,Titanium dioxide supported on MWCNTs as an eco-friendly catalyst in the synthesis of 3,4-dihydropyrimidin-2-(1H)-ones accelerated under microwave irradiation,NJC,2014.
56. javad Safari • Soheila Gandomi ,& Ravandi,Decoration of multi-walled carbon nanotubes with NiO nanoparticles and investigation on their catalytic activity to synthesize pyrimidinone heterocycles,IRAN CHEM SOC,2014.
57. Javad Safari □ , Soheila Gandomi ,& Ravandi,A novel protocol for solvent-free synthesis of 4,6-diaryl-3, 4-dihydropyrimidine-2(1H)-ones catalyzed by metal oxide–MWCNTs nanocomposites,journal of molecular structure,2014.
58. Zohre Zarnegar and Javad Safar,Catalytic activity of Cu nanoparticles supported on Fe<sub>3</sub>O<sub>4</sub>–polyethylene glycol nanocomposites for the synthesis of substituted imidazoles,NJC,2014.
59. Javad Safari\*, Zohre Zarnegar, Simin Naseh, Zahra Akbari,Ultrasound based method for one-pot synthesis of substituted imidazoles using SiO<sub>2</sub>-OSbCl<sub>2</sub> as highly effective and reusable catalyst,Iranian Journal of Catalysis,2014.
60. . Safari \* , Z. Zarnegar, M. Borjian ,& borujen,ULTRASOUND-MEDIATED SYNTHESIS OF 2,4,6-TRIARYLPYRIDINES USING MgAl<sub>2</sub>O<sub>4</sub> NANOSTRUCTURES,j,2014.
61. Javad Safari \* and Leila Javadia,Chitosan decorated Fe<sub>3</sub>O<sub>4</sub> nanoparticles as a magnetic catalyst in the synthesis of phenytoin derivatives,RSC Advances,2014.
62. Javad Safari □ , Simin Naseh, Zohre Zarnegar, Zahra Akbari,Applications of microwave technology to rapid synthesis of substituted imidazoles on silica-supported SbCl<sub>3</sub> as an efficient heterogeneous catalys,Taibah University of journal,2014.
63. Javad Safari,\* Fatemeh Azizi and Masoud Sadeg,Chitosan nanoparticles as a green and renewable catalyst in the synthesis of 1,4-dihydropyridine under solvent-free conditions,NJC,2014.
64. Zohre Zarnegar, Javad Safari, Zahra Mansouri ,& Kafroudi,Environmentally benign synthesis of polyhydroquinolines by Co<sub>3</sub>O<sub>4</sub>- CNT as an efficient heterogeneous catalyst,catalysis communication,2014.
65. avad Safari\*, Soheila Gandomi ,& Ravandi,Microwave-accelerated, one step cyclocondensation reaction for the synthesis of Biginelli-type compounds: using MnO<sub>2</sub>-MWCNT nanocomposites as efficient catalyst,Journal of Molecular Catalysis,2013 2 23.

66. Javad Safari • Soheila Gandomi ,& Ravandi • Mohammad Monemi,Novel and selective synthesis of unsymmetrical azine derivatives via a mild reaction Keywords Unsymmetrical azine Aldehyde □ - Triethylamine Selectivity One-pot synthesis,Monatsh Chem,2013.
67. Javad Safari □ , Soheila Gandomi ,& Ravandi,Microwave-accelerated three components cyclocondensation in the synthesis of 2,3-dihydroquinazolin-4(1H)-ones promoted by Cu-CNTs,Journal of Molecular Catalysis,2013.
68. J. Safari\*, Z. Zarnegar, M. Heydarian,Practical, ecofriendly, and highly efficient synthesis of 2-amino-4Hchromenes using nanocrystalline MgO as a reusable heterogeneous catalyst in aqueous media,Taibah University of journal,2013.
69. Javad Safari \* , Zohre Zarnegar,Immobilized ionic liquid on superparamagnetic nanoparticles as an effective catalyst for the synthesis of tetrasubstituted imidazoles under solvent-free conditions and microwave irradiation,Comptes Rendus Chimie,2013.
70. Javad Safari\* and Zohre Zarnega,Biginelli reaction on Fe<sub>3</sub>O<sub>4</sub>–MWCNT nanocomposite: excellent reactivity and facile recyclability of the catalyst combined with ultrasound irradiation,RSC Advances,2013.
71. JAVAD SAFARI □ and ZOHRE ZARNEGAR,Sulphamic acid-functionalized magnetic Fe<sub>3</sub>O<sub>4</sub> nanoparticles as recyclable catalyst for synthesis of imidazoles under microwave irradiation,J. Chem. Sci,2013.
72. Javad Safari \* , Zohre Zarnegar,Ni ion-containing immobilized ionic liquid on magnetic Fe<sub>3</sub>O<sub>4</sub> nanoparticles: An effective catalyst for the Heck reaction,Comptes Rendus Chimie,2013.
73. Javad Safari • Zohre Zarnegar,Magnetic nanoparticle supported ionic liquid as novel and effective heterogeneous catalyst for synthesis of substituted imidazoles under ultrasonic irradiation,Monatsh Chem,2013.
74. Javad Safari □ , Soheila Gandomi ,& Ravandi,MnO<sub>2</sub>–MWCNT nanocomposites as efficient catalyst in the synthesis of Biginelli-type compounds under microwave radiation,Journal of Molecular Catalysis A: Chemical,2013.
75. Javad Safari\*, Soheila Gandomi ,& Ravandi, Zahra Akbari,improving methodology for the preparation of highly substituted imidazoles using nano MgAl<sub>2</sub>O<sub>4</sub> as catalyst under microwave irradiation,Iranian Journal of Catalys,2013.
76. Javad Safari a , Soheila Gandomi ,& Ravandi a & Leila Javadian,Microwave-Promoted Facile and Rapid Synthesis Procedure for the Efficient Synthesis of 5,5-Disubstituted Hydantoins,Synthetic Communications „,2013.
77. Javad Safari \* , Leila Javadian,A one-pot synthesis of 5,5-disubstituted hydantoin derivatives using magnetic Fe<sub>3</sub>O<sub>4</sub> nanoparticles as a reusable heterogeneous catalyst,Comptes Rendus Chimie,2013.
78. J. Safari □ , Z. Zarnegar, M. Heydarian,Practical, ecofriendly, and highly efficient synthesis of 2-amino-4H-chromenes using nanocrystalline MgO as a reusable heterogeneous catalyst in aqueous media,Taibah University of journal,2013.
79. Javad Safari \* , Soheila Gandomi ,& Ravand,Environmentally friendly synthesis of 2-aryl-2,3-dihydroquinazolin-4(1H)-ones by novel Co-CNTs as recoverable catalysts,Comptes Rendus Chimie,2013.
80. Javad Safari \* , Shabnam Farkhondeh Masouleh, Zohre Zarnegar,„Water-dispersible Fe<sub>3</sub>O<sub>4</sub> nanoparticles stabilized with a biodegradable amphiphilic copolymer,Comptes Rendus Chimie,2013.
81. javad safari,zohreh zarnegar,fatemeh rahimi,An Efficient Oxidation Benzils by Managanse II Schiff Base Complexes Using Green Oxidant,journal of chemistry,2013.
82. J. Safari\*, Z. Zarnegar,Nanocrystalline MgAl<sub>2</sub>O<sub>4</sub> as a Heterogeneous Nanocatalyst for the Synthesis of 2-Ketomethylquinolines Using Green Design Methodology,JNS,2013.
83. Javad Safari \* , Zahra Mansouri Kafroudi, Zohre Zarnegar,Co<sub>3</sub>O<sub>4</sub>-decorated carbon nanotubes as a novel efficient catalyst in the selective oxidation of benzoin,Comptes Rendus Chimie,2013.
84. Javad Safari\* and Zohre Zarnega,Biginelli reaction on Fe<sub>3</sub>O<sub>4</sub>–MWCNT nanocomposite: excellent reactivity and facile recyclability of the catalyst combined with ultrasound irradiation,RSC

Advances,2013.

85. Javad Safari \* and Zohre Zarnegar, A magnetic nanoparticle supported Ni<sup>2+</sup>-containing ionic liquid as an efficient nanocatalyst for the synthesis of Hantzsch 1,4-dihydropyridines in a solvent-free dry-system, RSC Advances, 2013.
86. Javad Safari \* , Zohre Zarnegar, Shabnam Farkhonde Masoule, Azade Enayati Najafabadi, Aqueous dispersions of iron oxide nanoparticles with linear-dendritic 3 copolymers, Journal of Industrial and Engineering Chemistry, 2013.
87. Javad Safari\* and Zohre Zarnegar, Brønsted acidic ionic liquid based magnetic nanoparticles: a new promoter for the Biginelli synthesis of 3,4-dihydropyrimidin-2(1H)-ones/thiones, RSC Advances, 2013.
88. J SAFARI □ and L JAVADIAN, Montmorillonite K-10 as a catalyst in the synthesis of 5, 5-disubstituted hydantoins under ultrasound irradiation, J. Chem. Sci., 2013.
89. Javad Safari □ , Soheila Gandomi , & Ravandi, Carbon nanotubes supported by titanium dioxide nanoparticles as recyclable and green catalyst for mild synthesis of dihydropyrimidinones/thiones, journal of molecular structure, 2013.
90. Javad Safari \* , Zohre Zarnegar, Synthesis of amidoalkyl naphthols by nano-Fe<sub>3</sub>O<sub>4</sub> modified carbon nanotubes via a multicomponent strategy in the presence of microwaves, 2013, 2013.
91. Javad Safari \* , Marzieh Heydarian, Zohre Zarnegar, Synthesis of 2-amino-7-hydroxy-4H-chromene derivatives under ultrasound irradiation: A rapid procedure without catalyst, Arabian Journal of Chemistry, 2013.
92. Javad Safari □ , Zohre Zarnegar, A magnetic nanoparticle-supported sulfuric acid as a highly efficient and reusable catalyst for rapid synthesis of amidoalkyl naphthols, Journal of Molecular Catalysis, 2013.
93. JAVAD SAFARI □ , SOHEILA GANDOMI , & RAVANDI and SIMIN NASEH, Efficient, green and solvent-free synthesis of tetrasubstituted imidazoles using SbCl<sub>3</sub>/SiO<sub>2</sub> as heterogeneous catalyst, J. Chem. Sci., 2013.
94. JAVAD SAFARI □ , SOHEILA GANDOMI , & RAVANDI and MAHMOUD BORJIAN BORUJENI, Green and solvent-free procedure for microwave-assisted synthesis of 2,4,6-triarylpyridines catalysed using MgAl<sub>2</sub>O<sub>4</sub> nanocrystals, J. Chem. Sci., 2013.
95. Javad Safari, Zohre Zarnegar & Hoda Hekmatara, Green Synthesis of Fe<sub>3</sub>O<sub>4</sub> Nanoparticles and Survey their Magnetic Properties, Synthesis and Reactivity in Inorganic, 2013.
96. Javad Safari a \* , Zohre Zarnegar a , Masoume Ahmadi a , Susan Seyyedi, An investigation of the Catalytic Potential of Potassium Cyanide and Imidazolium salts for ultrasound-assisted Synthesis of Benzoin Derivatives, Journal of Saudi Chemical Society, 2012.
97. Javad Safari \* , Soheila Gandomi , & Ravandi, Marzieh Ghotbinejad, Ultrasound-promoted synthesis of novel fused heterocycles by criss-cross cycloaddition, Journal of Saudi Chemical Society, 2012.
98. Javad Safari \* , Zohre Zarnegar, Advanced Drug Delivery Systems; Nanotechnology of Health Design, Journal of Saudi Chemical Society, 2012.
99. Sayed Hossein Banitaba a , Javad Safari b , □ , Shiva Dehghan Khalili, Ultrasound promoted one-pot synthesis of 2-amino-4,8-dihydropyrano [3,2- b ]pyran-3-carbonitrile scaffolds in aqueous media: A complementary 'green chemistry' tool to organic synthesis, Ultrasonics Sonochemistry, 2012.
100. Javad Safari □ , Zohre Zarnegar, A highly efficient magnetic solid acid catalyst for synthesis of 2,4,5-trisubstituted imidazoles under ultrasound irradiation, Ultrasonics Sonochemistry, 2012.
101. Javad Safari \* , Soheila Gandomi , & Ravandi, Zahra Akbari, Sonochemical synthesis of 1,2,4,5-tetrasubstituted imidazoles using nanocrystalline MgAl<sub>2</sub>O<sub>4</sub> as an effective catalyst, Journal of Advanced Research, 2012.
102. Javad Safari \* , Zohre Zarnegar, magnetic Fe<sub>3</sub>O<sub>4</sub> nanoparticles as a highly efficient catalyst for the synthesis of imidazole under ultrasound irradiation, Iranian Journal of Catalysis, 2012.
103. Javad Safari \* , Zohre Zarnegar, and Marzieh Heydarian, Magnetic Fe<sub>3</sub>O<sub>4</sub> Nanoparticles as Efficient and Reusable Catalyst for the Green Synthesis of 2-Amino-4H-chromene in Aqueous Media, Bull. Chem. Soc. Jp., 2012.
104. Javad Safari, Zohreh Zarnegar, Marzieh Heydarian, An Efficient Oxidation of Benzoin to Benzil by

Manganese Schiff Base Complexes Using Green Oxidant, *Journal of Chem*, 2012.

105. Javad Safari \*, Zohre Zarnegar, and Marziyeh Heydari, Magnetic Fe<sub>3</sub>O<sub>4</sub> Nanoparticles as Efficient and Reusable Catalyst for the Green Synthesis of 2-Amino-4H-chromene in Aqueous Media, *Bull. Chem. Soc. Jpn*, 2012.
106. Javad Safari \*, Zohre Zarnegar, Masoume Ahmadi, Susan Seyyedi, An investigation of the catalytic potential of potassium cyanide and imidazolium salts for ultrasound-assisted synthesis of benzoin derivatives, *Journal of Saudi Chemical Society*, 2012.
107. Javad Safari\*, Zohre Zarnegar, Mahmoud Borjian Borujeni, Mesoporous nanocrystalline MgAl<sub>2</sub>O<sub>4</sub>: A new heterogeneous catalyst for the synthesis of 2,4,6-triarylpyridines under solvent-free conditions, *Chemical Paper*, 2012.
108. Javad Safari \*, Zohre Zarnegar, magnetic Fe<sub>3</sub>O<sub>4</sub> nanoparticles as a highly efficient catalyst for the synthesis of imidazoles under ultrasound irradiation, *Iranian Journal of Catalysis*, 2012.
109. Javad Safari \*, Soheila Gandomi, & Ravandi, Structure, synthesis and application of azines: a historical perspective, *RSC Advances*, 2012.
110. Javad Safari \*, Sayed Hossein Banitaba, Shiva Dehghan Khalili, Cobalt Nanoparticles Promoted Highly Efficient One Pot Four-Component Synthesis of 1,4-Dihydropyridines under Solvent-Free Conditions, *CHINESE JOURNAL OF CATALYSIS*, 2011.
111. Javad Safari \*, Shiva Dehghan Khalili, Sayed Hossein Banitaba, and Hossein Dehgha, Zinc (II) [tetra(4-methylphenyl)] Porphyrin: a Novel and Reusable Catalyst for Efficient Synthesis of 2,4,5-trisubstituted Imidazoles Under Ultrasound Irradiation, *Journal of the Korean Chemical Society*, 2011.
112. J. Safari & S. Gandomi, & Ravand, Highly Efficient Practical Procedure for the Synthesis of Azine Derivatives Under Solvent-Free Conditions, *Synthetic Communications*, 2011.
113. Javad Safari \*, Shiva Dehghan Khalili, Sayed Hossein Banitaba, and Hossein Dehgha, Nickel nanoparticles-catalyzed synthesis of 1,4-dihydropyridines under mild and solvent-free conditions: catalytic behaviors of nickel nanoparticles, *Iranian Journal of Organic Chemistry*, 2011.
114. Mohammad M. Ghanbari, Gholam H. Mahdavinia, Javad Safari, Hossein Naeimi & Mehdi Zar, Microwave-Assisted Solid-Phase Synthesis of 4,5-Dihydroxy-1,3-dialkyl-4,5-diarylimidazolidine-2-thione and Thiohydantoins, *Synthetic Communications*, 2011.
115. Safari, Javad \*, Moshtael Arani, Naimeh Ramezan Isfahani, Anoushe, An Eco-friendly Method for Synthesis of Symmetrical and Unsymmetrical Benzoin Derivatives, *Asian Journal of Chemistry*, 2011.
116. Shiva Dehghan Khalili, Sayed Hossein Banitaba, Javad Safari\*, Lewis Acid Catalyzed Synthesis of Quinophthalone Pigments Under Solvent-Free Conditions, *Sid*, 2011.
117. Javad Safari, Shiva Dehghan Khalili & Sayed Hossein Banitaba, Three-Component, One-Pot Synthesis of 2,4,5-Trisubstituted Imidazoles Catalyzed by TiCl<sub>4</sub>-SiO<sub>2</sub> Under Conventional Heating Conditions or Microwave Irradiation, *Synthetic Communications*, 2011.
118. Naimeh Moshtael Arani, Javad Safari, A rapid and efficient ultrasound-assisted synthesis of 5,5-diphenylhydantoins and 5,5-diphenyl-2-thiohydantoins, *Ultrasonics Sonochemistry*, 2010.
119. Javad Safari, Sayed Hossein Banitaba, Shiva D. Khalili, Cellulose sulfuric acid catalyzed multicomponent reaction for efficient synthesis of 1,4-dihydropyridines via unsymmetrical Hantzsch reaction in aqueous media, *Journal of Molecular Catalysis*, 2010.
120. Javad Safari \*, Sayed Hossein Banitaba, Shiva Dehghan Khalili, BF<sub>3</sub>·Et<sub>2</sub>O/SiO<sub>2</sub> as a catalytic system for one-pot green synthesis of pyrophthalone derivatives under microwave conditions, *Arabian Journal of Chemistry*, 2010.
121. JAVAD SAFARI\*, SHIVA DEHGHAN KHALILI and SAYED HOSSEIN BANITABA, A novel and an efficient catalyst for one-pot synthesis of 2,4,5-trisubstituted imidazoles by using microwave irradiation under solvent-free conditions, *J. Chem. Sc*, 2010.
122. Javad Safari \*, Sayed Hossein Banitaba, Shiva Dehghan Khalili, Microwave-assisted expeditious hydrolysis of isobenzofuranone derivatives using silica supported acid under organic solvent-free conditions, *Arabian Journal of Chemistry*, 2010.
123. Safari, Javad \*, Moshtael Arani, Naimeh Ramezan Isfahani, Anoushe, Ultrasound-enhanced

Green Synthesis of 5,5-Diphenylhydantoin Derivatives Using Symmetrical or Unsymmetrical Benzils, *Chin. J. Chem.*, 2010.

124. JAVAD SAFARI\*, SAYED HOSSEIN BANITABA and SEPEHR SADEGH SAMIEI, One-pot synthesis of quinaldine derivatives by using microwave irradiation without any solvent – A green chemistry approach, *Journal of Chemical Science*, 2009.

125. Mehrorang Ghaedi 1\*, Farshid Ahmadi 2, M.R. Baezat 3 and J. Safari 4, PRECONCENTRATION AND EXTRACTION OF COPPER(II) ON ACTIVATED CARBON USING ETHYL-2-QUINOLYL-b(p-CARBOXYPHENYL HYDRAZONE)DIOXO PROPIONATE, *Bull. Chem. Soc. Ethio*, 2008.

126. Amir Landarani, Isfahani 1, 2, Javad Safari\* 2, Marziyeh Ghotbinejad 2, Soheyla Gandomi, Ravandi 2, Moshrael 2, Silica sulfuric acid (SSA) a novel catalyst for synthesis of some -phenylhydrazone-2-ketomethylquinolines, *Iranian Journal of Organic Chemistry*, 2008.

127. Javad Safari □, Hossein Naeimi, Ali Akbar Khakpour, Ramezan Sharifi Jondani, Shiva Dehghan Khalili, A rapid and efficient method for synthesis of new 3-arylideneisobenzofuran-1(3H)-one derivatives catalyzed by acetic anhydride under solvent-free and microwave conditions, *Journal of Molecular Catalysis*, 2007.

128. Hossein Naeimi \*, Javad Safari, Arash Heidarneshad, Synthesis of Schiff base ligands derived from condensation of salicylaldehyde derivatives and synthetic diamine, *Dyes and Pigments*, 2006.

129. Javad SAFARI 1 □, Mehdi ADIB 2, Firouzeh SHEIBANI 1, Zahra SADEGH, Simple Synthesis of □ - Oxime Derivatives of 2-Ketomethyl Quinolines under Mild and Heterogeneous Conditions, *Turk J Chem*, 2006.

130. M. Mazloum Ardakani, a, \* A. Sadeghi, b J. Safari, b and F. Shibani, [Bis(2-hydroxyl imino)1-phenyl, 2-(2-quinolyle)1-ethanone]Aluminium(III) Complex as Carrier for a Salicylate-Sensitive Electrode, *Original Scientific Paper*, 2006.

131. M. Mazloum Ardakani a, \*, M.S. Jalayer a, J. Safari b, Z. Sadeghi b, H.R. Zare a, Salicylate poly(vinyl chloride) membrane electrode based on (2-[(E)-2-(4-nitrophenyl) hydrazono]-1-phenyl-2-(2-quinolyl)-1-ethanone) Cu(II), *ANALYTICAL BIOCHEMISTRY*, 2005.

132. Zahra Sadeghi, Javad Safari, Synthesis novel pigments by the a-phenylhydrazone of 2-ketomethylquinoline derivatives, *Dyes and Pigments*, 2005.

133. Hossein Loghmani, & Khouzani\*, Majid M. Sadeghi and J. Safari, Silica gel Catalyzed Synthesis of Quinophthalone Pigments Under Solvent-Free Conditions Using Microwave Irradiation, *Molecules*, 2002.

134. H. Loghmani, Khouzani, \* M. M. M. Sadeghi, J. Safari and O. Sabzi, Fini, Synthesis of a zines from azines from carbonyl compounds in a solvent-free condition, *J. Sci. I. R. Iran*, 2001.