



Abdolhamid Bamoniri

Professor

College: Faculty of Chemistry

Department: Organic Chemistry

Educational Information

Grade	Graduated At	Major	University
BSc	1984	Pure Chemistry	Shahid Beheshti University
MSc	1988	Organic Chemistry	Kharazmi University
Ph.D	2004	Organic Chemistry	Bu-Ali Sina University

Employment Information

Service Location	Position Name	Employment Type	Cooperation Type	Base
University of Kashan	Professor	Certain Official	Full Time	32

Papers in Conferences

1. [An environmental eco-friendly approach to the synthesis of azo dyes based on 2-naphthol using solid acid catalyst](#), The 27th Iranian conference on organic chemistry-Urmia University- 21-23 Aug- 2019, 1 - 21 08 2019, ارومیه .
2. [The first principle computational study for the comparison experimental and theoretical result for 2H-Indazolo\[2,1-b\]phthalazine-triones](#), - 1, بیست و هفتمین کنفرانس شیمی آلی ایران, 21 08 2019, ارومیه .
3. [Synthesis of some heterocyclic compounds bearing nitrogen atom using magnetite nanoparticles supported on \$\gamma\$ -Al₂O₃/BF₃/Fe₃O₄ under different conditions](#), بیست و هفتمین کنفرانس شیمی آلی ایران, 1 - ارومیه, 21 08 2019 .
4. [Synthesis of 3, 4- dihydropyrimidine-2-\(1H\)-ones \(thiones\) in the presence of an efficient and eco-friendly solid acid catalyst under different conditions](#), بیست و هفتمین کنفرانس شیمی آلی ایران, 1 - ارومیه, 21 08 2019 .
5. [One-Pot Synthesis of 1,4-Dihydropyridines via Hantzsch Reaction Using Nano-kaolin/BF₃/Fe₃O₄ as a Green Catalyst under Solvent-Free Conditions](#), 26th Iranian Seminar of Organic Chemistry, 1 - 12 03 2019, زابل .

6. بی بی فاطمه میرجلیلی, Synthesis of Heterocyclic Compounds Bearing Nitrogen and Oxygen Atoms Using Nano-kaoline/BF₃/Fe₃O₄ Based on Green Chemistry in Different Conditions ,26th Iranian Seminar of Organic Chemistry ,1 - 12 03 2019, زابل .

Papers in Journals

1. M.Mahmoodi Fard Chegeni, A. Bamoniri, A. A. Taherpour. One-pot synthesis of 2H-indazolo[2,1-b]phthalazine-triones via nano γ -Al₂O₃/BF₃/Fe₃O₄ as an efficient catalyst and theoretical DFT study on them. J HETEROCYCLIC CHEM. 2020 04 24.
2. Asma Mazoochi, Seied Ali Pourmousavi, Abdolhamid Bamoniri, Essential oil analysis and biological activities of the aerial parts of *Zygophyllum eichwaldii* C. A. Mey., a native plant from Iran, Journal of Medicinal Plants, Vol. 20, pp. 85, 2021 09 11, ISC.
3. Maryam Mehravar, Bi Bi Fatemeh Mirjalili, Elaheh Babaei, Abdolhamid Bamoniri, Nano-SiO₂/DBN: an efficacious and reusable catalyst for one-pot synthesis of tetrahydrobenzo[b]pyran derivatives, BMC Chemistry, 2021 05 21, SCOPUS ,JCR.
4. Maryam Mehravar, Bi Bi Fatemeh Mirjalili, Elaheh Babaei, Abdolhamid Bamoniri, Efficient solvent free synthesis of tetrahydrobenzo[a]xanthene-11-one derivatives using nano-AlPO₄/Ti (IV) as a green, heterogeneous and reusable catalyst, Inorganic and nano-metal chemistry, 2021 05 10, SCOPUS ,ISI-Listed.
5. Bi Bi Fatemeh Mirjalili, Naeimeh Jalili Bahabadi, Abdolhamid Bamoniri, Triethanolamine-sodium acetate as a novel deep eutectic solvent for promotion of tetrahydrodipyrzolo-pyridines synthesis under microwave irradiation, Journal of The Iranian Chemical Society, Vol. 18, pp. 2181, 2021 01 28, SCOPUS ,ISI-Listed.
6. Arefeh Dehghani Tafti, Bi Bi Fatemeh Mirjalili, Abdolhamid Bamoniri, Naeimeh Salehi, Rapid four-component synthesis of dihydropyrano[2,3-c]pyrazoles using nano-eggshell/Ti(IV) as a highly compatible natural based catalyst, BMC Chemistry, 2021 01 25, SCOPUS ,JCR.
7. Mohammad Hassan Houshdar Tehrani, Mohammadreza Gholibeikian, Abdolhamid Bamoniri, Bi Bi Fatemeh Mirjalili, Cancer Treatment by Caryophyllaceae-Type Cyclopeptides, Frontiers in Endocrinology, Vol. 11, pp. 1, 2021 01 14, SCOPUS ,ISI-Listed.
8. Maryam Mehravar, Bi Bi Fatemeh Mirjalili, Elaheh Babaei, Abdolhamid Bamoniri, Preparation and Application of Nano-AlPO₄/Ti (IV) as a New and Recyclable Catalyst for the Four-Component Synthesis of Dihydropyrano[2,3-c]Pyrazoles, POLYCYCL AROMAT COMP, 2020 12 09, SCOPUS ,JCR.
9. Abdolhamid Bamoniri, Bi Bi Fatemeh Mirjalili, Mahnaz Mahmoodi Fard Chegeni, Synthesis of 3,4-Dihydropyrimidinones using Nano γ -Al₂O₃/BF₃/Fe₃O₄ as an Efficient Magnetic Nanocatalyst under Solvent-free Conditions, journal of nanostructures, Vol. 10, pp. 751, 2020 12 01, SCOPUS ,ISC ,ISI-Listed.
10. Sahar Saadat Hosseinikhah, Bi Bi Fatemeh Mirjalili, Naeimeh Salehi, Abdolhamid Bamoniri, Gum arabic-OPO₃H₂ as a new natural-based green catalyst for the one-pot pseudo-four-component synthesis of naphtho[1,2-e][1,3]oxazines, RSC ADV, Vol. 10, pp. 40508, 2020 11 06, SCOPUS ,JCR.
11. R. Mohammadipour, A. Bamoniri, B.F. Mirjalili, Green one-pot three-component synthesis of 4H-chromenes in the presence of nano-kaoline/BF₃/Fe₃O₄ as a super paramagnetic nanocatalyst, SCI IRAN, Vol. 27, pp. 1216, 2020 05 17, SCOPUS ,ISC ,ISI-Listed.
12. M.Mahmoodi Fard Chegeni, A. Bamoniri, B.F. Mirjalili, A Versatile Protocol for Synthesis of 2H-Indazolo[2,1-b]Phthalazine Triones Using γ -Al₂O₃/BF₃/Fe₃O₄ as an Efficient Magnetic Nano-Catalyst, POLYCYCL AROMAT COMP, Vol. 40, pp. 1, 2020 03 06, SCOPUS ,JCR.
13. M.R. Gholibeikian, A. Bamoniri, M.H. Houshdar Tehrani, B.F. Mirjalili, H.R. Bijanzadeh, Structure-activity relationship studies of Longicalcynin A analogues, as anticancer cyclopeptides, CHEM-BIOL INTERACT, Vol. 315, pp. 108902, 2020 01 05, SCOPUS ,PubMed ,ISI-Listed.
14. M.R. Gholibeikian, A. Bamoniri, M. Khosravi, M.H. Houshdar Tehrani, Design, Synthesis, and Evaluation of Linear and Cyclic Peptide Analogues of Carnosine as Anticancer Agents, International Pharmacy Acta, Vol. 1, pp. 252, 2019 12 31.

15. N.Safajoo, B.F.Mirjalili, A.Bamoniri, A Facile and Clean Synthesis of Indenopyrido[2,3-d]Pyrimidines in the Presence of Fe₃O₄@NCs/Cu(II) as Bio-Based Magnetic Nano- Catalyst, POLYCYCL AROMAT COMP, 2019 09 25, SCOPUS ,JCR.
16. A.Bamoniri, B.F.Mirjalili, N.Yaghmaeian Mahabadi, Kaolin-SO₃H nanoparticles: A new efficient and reusable catalyst for synthesis of 2- substituted benzimidazoles at room temperature, journal of nanostructures, Vol. 9, pp. 219, 2019 04 01, SCOPUS ,ISC ,ISI-Listed.
17. N.Safajoo, B.F.Mirjalili, A.Bamoniri, Fe₃O₄@nano-cellulose/Cu(II): a bio-based and magnetically recoverable nano-catalyst for the synthesis of 4H-pyrimido[2,1-b]benzothiazole derivatives, RSC ADV, Vol. 9, pp. 1278, 2019 01 11, ISI ,SCOPUS.
18. B.F.Mirjalili, A.Bamoniri, S.Nazemian, R.Zare Rashghooie, SnCl₄/Nano-Sawdust as an Efficient Bio-based Catalyst for the Synthesis of 2-Substituted Benzimidazoles and Benzothiazoles, journal of nanostructures, Vol. 9, pp. 183, 2019 01 01, SCOPUS ,ISC ,ISI-Listed.