



Moslem Setoodekhah

Assistant Professor

College: Faculty of Chemistry

Department: Inorganic Chemistry

Papers in Conferences

1. Maryam Tootoonchi, Moslem Setoodekhah, Ahad Zare ,Synthesis of nano-copper chromite with specific composition ,16th Iranian Inorganic Chemistry Conference ,27 8 2014, همدان.
2. Setareh Shayan, Moslem Setoodekhah, Ahad Zare ,Synthesis of nano-copper chromite with co-precipitation method and effect of calcination temperature on it ,16th Iranian Inorganic Chemistry Conference ,2014 8 27, همدان.
3. Raheleh Zare, Moslem Setoodekhah, Ahad Zare ,Investigation the pH and mole ratio of Cu/Cr on the synthesis of nano copper chromite (CuCr_2O_4) ,16th Iranian Inorganic Chemistry Conference , همدان, 27 8 2014,.
4. Moslem Setoodekhah, Niloofar Noori, Ahad Zare ,study of the drying condition effects on Iron-Manganese oxide nanoparticles prepared by hydrothermal method ,17th Iranian Inorganic Chemistry Conference ,3 9 2015, تبریز.
5. Moslem Setoodekhah, Ahad Zare, Zeinab marvazadeh ,Synthesis of Fe-Mn oxide nanoparticles by hydrothermal method and study of the effects of calcination conditions on their structures ,17th Iranian Inorganic Chemistry Conference ,jfvdc ,2015 9 3.
6. Moslem Setoodekhah, Farshad Mohebbi, Ahad Zare ,synthesis of Nano copper chromite with co-precipitation method in the absence and presence of surfactant ,17th Iranian Inorganic Chemistry Conference ,3 9 2015, تبریز.
7. seyed abolphasem Kahani, Razieh Nosrati, Moslem Setoodekhah ,Preparation of copper nanoparticles by chemical reduction of copper(II) complexes in the solid state ,19th Iranian Inorganic Chemistry Conference ,5 9 2017, تهران.
8. Moslem setoodekhah, Soroush Momeni ,Synthesis of nano copper chromite with co-precipitation method and study of its catalytic effect ,18th Iranian Chemistry Congress ,30 8 2015, سمنان.
9. Moslem setoodekhah, Elham Fadaee, Soroush Momeni ,Synthesis and characterization of some water soluble metal Schiff base complexes functionalized Fe_3O_4 magnetic nano-particles ,19th Iranian Inorganic Chemistry Conference ,6 9 2017, تهران.
10. Moslem setoodekhah, Soroush Momeni ,Synthesis and characterization of a Schiff base ligand functionalized Fe_3O_4 magnetic nano-particle ,19th Iranian Inorganic Chemistry Conference ,9 2017, تهران, 6.
11. Mahdi Shabani ,& Nooshabadi, Fatemeh Noori, Moslem Setoodekhah ,Electrochemical studies of corrosion inhibition of (N-salicylidenN',5-bromo salicyliden)-3,4-diaminobenzophenone on mild steel in strong acidic solution ,3rd International Congress of Chemistry and Chemical Engineering ,1 2016, تهران, 23.
12. Zeinab marvazadeh, Ahad Zare, Moslem Setoodekhah ,Hydrothermal synthesis of Fe-Mn oxide

nanoparticles supported by Nano Silica and investigation of the calcination conditions on their structure ,6th International Conference on Nanostructures ,8 3 2016, کیش.

13. Moslem Setoodehkhah, Raheleh Zare, Ahad Zare ,Synthesis of Nano CopperChromite Catalyst by Co-precipitation Method at Various pH and Mole Ratios of Cu/Cr and Effect of Nanocatalyst on Thermal Decomposition of Ammonium Perchlorate(AP). ,5th international Biennial conference on ultrafine grained and nanostructured materials ,11 11 2015, تهران.

Papers in Journals

1. Amin mazraati, Moslem Setoodehkhah, Mohsen moradian,Synthesis of Bis (Benzoyl Acetone Ethylene Diimine) Schiff Base Complex of Nickel (II) Supported on Magnetite Silica Nanoparticles ($Fe_3O_4@SiO_2/Schiff$ base of Ni(II)) and Using It as an Eicient Catalyst for Green Synthesis of 1-Amidoalkyl-2-Naphthols,journal of inorganic and organometallic polymers and materials,2021 10 7.
2. Moslem setoodehkhah, Soroush Momeni,Water soluble Schiff base functionalized Fe_3O_4 magnetic nano-particles as a novel adsorbent for the removal of Pb(II) and Cu(II) metal ions from aqueous solutions,Journal of inorganic and organometallic polymers and materials,2018.
3. Mohammad Ghanbari, Sanaz Moradi, Moslem Setoodehkhah, $Fe_3O_4@SiO_2@ADMPT/H_6P_2W_{18}O_{62}$: a novel Wells–Dawson heteropolyacid-based magnetic inorganic–organic nanohybrid material as potent lewis acid catalyst for the efficient synthesis of 1,4-dihydropyridines,Green Chemistry Letters and Reviews,2018.
4. Zahed Karimi, & Jaber, Mohammad Sadegh Moaddeli, Moslem Setoodehkhah, Mohammad Reza Nazarifar,Nano-copper chromite ($nano-CuCr_2O_4$): a novel and efficient catalyst for the synthesis of biscoumarin and pyrano[c]chromene derivatives in water at room temperature,Research on chemical intermediate,2015.
5. Khosro Mohammadi, Mozaffar. Asadi, Moslem Setoodehkhah, Hajar Sephehpour,Symmetrical and Unsymmetrical Schiff Bases Derived from 3,4-Diaminobenzophenone: Synthesis and Thermodynamics of Five Coordinated Tertiaryphosphine Cobalt(III) Complexes,Chroatica Chemica Acta,2016,ISI.
6. تولید و بررسی اثر $Cu-Cr-O$ و $Cu-Cr-O.Zn-Cr-O$ مسلم ستوده خواه، احد زارع، مریم توتونچی،نانوکامپوزیت های پارامترهای گوناگون بر روی ترکیب، ریخت شناسی و دانه بندی آن ها،نشریه شیمی و مهندسی شیمی،مجلد ۲، شماره ۱۹،۱۳۹۸ صفحات.
7. به (II)مسلم ستوده خواه و احد زارع،سنتز نانوذرات کرومیت مس به روش همرسوبی و بررسی تأثیر نسبت یون مس دما و سورفکتانت بر روی ترکیب، اندازه ذرات و ریخت-شناسی آن،مجله شیمی کاربردی دانشگاه ، (III)کروم ISC،سمنان،۱۳۹۶.
8. Investigation of pantoprazole loading and release from a magnetic-coated chitosan-modified zirconium-based metal–organic framework (MOF) as a nanocarrier in targeted drug delivery systems,RSC Advances,Vol. 14,pp. 26091,2024 08 19,SCOPUS ,JCR.
9. Investigation of pantoprazole loading and release from a magnetic-coated chitosan-modified zirconium-based metal–organic framework (MOF) as a nanocarrier in targeted drug delivery systems,RSC Advances,Vol. 14,pp. 26091,2024 08 17,SCOPUS ,JCR.
10. Investigation of pantoprazole loading and release from a magnetic-coated chitosan-modified zirconium-based metal–organic framework (MOF) as a nanocarrier in targeted drug delivery systems,RSC Advances,Vol. 14,pp. 26091,2024 08 17,SCOPUS ,JCR.
11. Investigation of pantoprazole loading and release from a magnetic-coated chitosan-modified zirconium-based metal–organic framework (MOF) as a nanocarrier in targeted drug delivery systems,RSC Advances,Vol. 14,pp. 26091,2024 08 17,SCOPUS ,JCR.
12. Synthesis and characterization of Ni(II) complex supported on magnetite-silica nanoparticles and investigation of its catalytic activity in Biginelli reaction under solvent-free conditions,Research on Chemical Intermediates,Vol. 50,pp. 1,2024 04 06,SCOPUS ,JCR.
13. Loading and release study of ciprofloxacin from silica-coated magnetite modified by iron-based metal-organic framework (MOF) as a nonocarrier in targeted

drug delivery system, *Inorganic Chemistry communication*, Vol. 115, pp. 111056, 2023 07 10, SCOPUS, JCR.

14. فاطمه پارسا، مسلم ستوده خواه، سید محمد اطمیابی، Loading and release study of ciprofloxacin from silica-coated magnetite modified by iron-based metal-organic framework (MOF) as a noncarrier in targeted drug delivery system, *Inorganic Chemistry communication*, Vol. 115, pp. 111056, 2023 07 10, SCOPUS, JCR.

15. امین مزرعتی، مسلم ستوده خواه، محسن مرادیان، Synthesis of Copper(II) Schiff Base Complex Immobilized on Magnetite–Silica Nanoparticles and Using as a Reusable Catalyst for the Synthesis of 1-Amidoalkyl-2-naphthols Under Ultrasonic Conditions, *Journal of cluster science*, Vol. 1, pp. 1, 2023 06 19, SCOPUS, JCR.

16. امین مزرعتی، مسلم ستوده خواه، محسن مرادیان، Synthesis of Copper(II) Schiff Base Complex Immobilized on Magnetite–Silica Nanoparticles and Using as a Reusable Catalyst for the Synthesis of 1-Amidoalkyl-2-naphthols Under Ultrasonic Conditions, *Journal of cluster science*, Vol. 1, pp. 1, 2023 06 19, SCOPUS, JCR.

17. سعید یزدان ستا، مسلم ستوده خواه، محمد قنبری، کوثر یاسین، الهام فدایی، Anchoring Cu (II) on Fe₃O₄@SiO₂/Schiff base: a green, recyclable, and extremely efficient magnetic nanocatalyst for the synthesis of 2-amino-4H-chromene derivatives, *RESEARCH ON CHEMICAL INTERMEDIATES*, Vol. 48, pp. 3039, 2022 05 18, SCOPUS, JCR.

18. امین مزرعتی، مسلم ستوده خواه، محسن مرادیان، Synthesis of Bis (Benzoyl Acetone Ethylene Diimine) Schiff Base Complex of Nickel (II) Supported on Magnetite Silica Nanoparticles (Fe₃O₄@SiO₂/Schiff-Base of Ni(II)) and Using It as an Efficient Catalyst for Green Synthesis of 1-Amidoalkyl-2-Naphthols, *J INORG ORGANOMET P*, Vol. 32, pp. 143, 2022 01 06, SCOPUS, JCR.