مشخصات فردی

نام : مریم
نام خانوادگی : موسوی فر
تاریخ تولد :

شروع به خدمت : ۱۳۸۸
واحد سازمانی : استادیار
درجه / رتبه : دکترا

گروه آموزشی : شیمی
تلفن داخلی : ۱۲۳
تلفن مستقیم : ۳۷۲۷۸۹۰۰

فاکس :
موبایل :
ایمیل : m.moosavifar۹۰@gmail.com

رشته تحصیلی: شیمی معدنی
تحصیلات : دکترا
محل تحصیل : دانشگاه اصفهان

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بیوگرافی

توضیحات

خوش آمدید

صفحه شخصی

استادیار شیمی معدنی
E-mail: m.moosavifar90@gmail.com,
moosavifar@maragheh.ac.ir

سوابق تحصیلی

- 2004-2009 Ph.D. of Inorganic Chemistry, Department of Chemistry, Esfahan university, Esfahan, Iran
- 1997-1999 M.Sc of Inorganic Chemistry, Department of Chemistry, Guilan university, rasht, Iran
- 1992-1996 B.Sc of Education Chemistry, College of Chemistry, Tabriz university, Tabriz, Iran

اختراعات

کارگاه ها

Science Polagiarism
Patent Education
Crystallography
Career planing
Solar Cell

علایق

طرح درس

زمینه های پژوهشی

همکاری با تحریریه مجلات علمی

پروژه های تحقیقاتی خارج از دانشگاه

پروژه های تحقیقاتی

راهنمایی بیش از 10 پایان نامه کارشناسی ارشد نانو شیمی و شیمی معدنی

عضویت در کمیته ها و شوراها

عضویت در مجامع علمی و انجمن ها

عضو انجمن شیمی ایران

تشویق ها

پست های اجرایی

مدیر گروه شیمی از سال 1395 تا کنون

سوابق تدریسی

COURSES TAUGHT:

 Esfahan University

General Chemistry lab

 University of applied Science and Technology

Inorganic Chemistry Inorganic Chemistry lab Chemical Technology (تکنولوژی شیمیایی)

Material science (علم مواد)

Non Metallic Mineral Industries (صنایع کانی غیرفلزی)

 Maragheh University

Inorganic Chemistry 1 Inorganic Chemistry lab1 General Chemistry 1 General Chemistry lab1

Maryam Moosavifar

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Inorganic Chemistry 2 Inorganic Chemistry lab2 Group Theory Characterization of nano material structure (B.Sc) Supramolecular Chemistry (B.Sc) Advanced Inorganic Chemistry (B.Sc) Kinetic and thermodynamic of Inorganic Compounds (B.Sc) Physical Inorganic Chemistry (B.Sc) Spectroscopy of Inorganic Compounds (B.Sc)

 Payam-e-nour University

Inorganic Chemistry 1 Inorganic Chemistry lab1

مقالات ارائه شده

university, Tabriz, Iran

PUBLICATIONS

The influence of the Synthesis Temperature on Cobalt Phthalocyanine Encapsulation in Zeolite Y, **Journal of Inclusion Phenomena and Macrocyclic Chemistry**, **2001**, ***40,*** **193-198.**

Host (nanocavity of zeolite-Y or X)- guest (manganese (III)*tetrakis*[4-*N*-methylpyridinum)porphyrin] nanocomposite materials as efficient catalysts for biomimetic alkene epoxidation with sodium periodate: shape-selective epoxidation of linear alkenes, **Journal of Molecular catalysis**, **302 (2009) 68-75.**

Host (nanocavity of dealuminated zeolite-Y)-guest (12-Molybdophosphoric acid) nanocomposite material: an efficient and reusable catalyst for oximation of aldehydes**, Applied Catalysis A: General, 358 (2009) 157-163**.

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conventional heating and microwave irradiation, **C.R.Chimie 14 (2011) 489-495.**

Host (nanocavity of dealuminated zeolite-Y)-guest (12-Molybdophosphoric acid) nanocomposite material: an efficient catalyst for solvent-free synthesis and deprotection of 1,l-diacetates **C.R.Chimie 14 (2011) 953-956.**

Host (nanocavity of zeolite Y)- guest (Ruthenium salophen) nanocomposite materials as efficient and reusable catalyst for epoxidation of alkenes with sodium periodate: Shape-selective epoxidation for linear alkenes **journal of Molecular catalysis A: Chemical 377 (2013)92-101.**

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Investigation of preparation method dealuminated zeolite on formation of secondary mesoporous structure and catalyst loading **Accepted in J. Iran. Chem. Soc.**

Host (nanocavity of modified dealuminated Y zeolite)-guest (manganese (II) tetra pyridylporphyrin) nanocomposite materials as high efficient catalyst for biomimetic alkene epoxidation with sodium periodate. The effect of synthesis method and postsynthesis treatment on catalytic activity **journal of Iranian Chemical Society 11 (2014)1561-1567.**

Host (dealuminated Y zeolite)-guest (trinuclear metal clusters of Co, Mn and Cox/Mny) as nanocomposite catalysts for the epoxidation of Cyclohexene **Chinese Journal of Catalysis 36 (2015) 1719–1725.**

Electrochemical characterization of the encapsulated polyoxometalates (POMs) into the zeolite**Journal of Electroanalytical Chemistry 714-715 (2014) 19–24.**

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Synthesis, Characterization and Investigation of Photocatalytic

Activity of CeTPP/TiO2/NaY Nanocomposite for Degradation of 4-Nitrophenol, **Submitted.**

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Y طنش، شاطایی و بزرصی فعالیت کاتالیتیکی سیرکونیم طاله محبوص در واووقفض سئولیت

آلومینیوم سدایی شدي بعوان کاتالیطت موثز در اکضیم کزدن آلدي د ی آ، مجل شیمی کاربزدی طمان،

پذیزفت شدي.

PRESENTATIONS

Synthesis and Characterization of molecular sieves of the type of CoAPO-5**, The 5th Iranian Seminar of Inorganic Chemistry, sept. 1-2, 1999, Esfahan University**

Synthesis and investigation of catalytic activity of Y zeolite- encapsulated Mn(III)porphyrin**,C&FC 2007 Conference Nanyang Technological University, Singapore** ,accepted.

Synthesis and spectroscopic, catalytic properties of zeolite-encapsulated Mn(III) porphyrin,**The 1st Iranian seminar of zeolite, Tehran, Amir Kabir University. 2008.**

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Artificial Enzymes, **Guilan University, 1998.**

Synthesis and investigation of catalytic activity of molybdophosphoric acid encapsulated into Y zeolit (Host-Guest system) as an efficient catalyst for Solvent-free Deprotection of 1,1 Diacetate **The 12th Iranian seminar of Inorganic Chemistry, Guilan University, Rasht, Iran, 2011.**

Host (nanocavity of zeolite-Y or X)-guest(manganese (III) tetrakis[4-N-methylpyridinum)porphyrin] nanocomposite materials as efficient catalysts for biomimetic alkene epoxidation with sodium periodate: shape-selective epoxidation of linear alkenes **symposia at the 42nd IUPAC Congress**, **Scotland, Glascow, 2009.**

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Biomemitical Epoxidation with sodium periodate, Shape Selective, **7th Nano Technology Iranian Students Conference, Iran, Tehran, 2010.**
Synthesis, characterization and investigation of catalytic activity of Ru salophen encapsulated into NaY zeolite as efficient catalyst for epoxidation of alkenes **3rd Iran International Zeolite Conferences 2012**
Zeolite-Encapsulated Ru (III) Salophen as a shape-selective catalytic system in the oxidation of linear alkenes**5th International Conference on Nanostructures (ICNS5)6-9 March 2014, Kish Island, Iran**
Post-Synthesis Modification for Preparation of Dealuminated Y Zeolite and its effects on catalyst loading**5th International Conference on Nanostructures (ICNS5)6-9 March 2014, Kish**
Island, Iran
Characterization of the encapsulated molybdophosphoric acid (MPA) into the zeolite nano-pores by cyclic voltammetry**5th International Conference on Nanostructures (ICNS5)6-9 March 2014, Kish Island, Iran**
Maryam Moosavifar
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Chemical synthesis of stable and water dispersible polyacrylic acid capped copper nanocomposite **5th International Conference on Nanostructures (ICNS5) 6-9 March 2014, Kish Island, Iran**
Host (nanocavity of zeolite X)-guest(manganese (II) Compolexe)nanocomposite materilas: As an efficient catalyst for shape-selective epoxidation of alkenes with sodium periodate **16th Iranian Inorganic Chemistry Conference 27-29 Aug 2014, Bu-Ali Sina University, Hamedan, Iran**
Zeolite-encapsulated trinuclear metal clusters as efficient catalysts in the epoxidation of cyclohexene with O2/H2O2 system**16th Iranian Inorganic Chemistry Conference 27-29 Aug 2014, Bu-Ali Sina University, Hamedan, Iran**
Zeolite-encapsulated Heteronuclear metal clusters as efficient catalysts in the epoxidation of cyclohexene in the presence of H2O2/O2 under magnetic stirring **3rd International Conference on Nanotechnology (ICN2015), 27-28 August 2015, Istanbul, Turkey**
Synthesis, Characterization and Investigationof Photocatalytic Activityof
CeriumPorphyrin/TiO2/HY Nanocompositein the Photodegradation of 4-Nitrophenol**2nd Iran National Zeolite Conference (2INZC) 27-28May 2015, Tehran, Iran**
Synthesis and Characterization of neat and encapsulated Co-Porphyrin into nanocage of dealuminated Y zeolite by EDTA treatment**2n d Iran National Zeolite Conference (2INZC) 27-28May 2015, Tehran, Iran**
Synthesis, Characterization and Investigation of catalytic activity of [Co3(O)(CH3COO)6-(py)3]-Y, [Co2Mn(O)(CH3COO)6-(py)3]-Y and[CoMnCu(O)(CH3COO)6-(py)3]-Y in the epoxidation of alkenes**2nd Iran National Zeolite Conference (2INZC) 27-28May 2015, Tehran, Iran**
Synthesis, Characterization and Investigation of catalytic activity of [Co3(O)(CH3COO)6-(py)3]-Y, [Co2Mn(O)(CH3COO)6-(py)3]-Y and [CoMnCu(O)(CH3COO)6-(py)3]-Y in the epoxidation of alkenes**2nd Iran National Zeolite Conference (2INZC) 27-28May 2015, Tehran, Iran**
The influence of catalysts synthesis method on the loading of catalyst and its effect on the reactivity in the xanthenes reactions **2nd Iran National Zeolite Conference (2INZC) 27-28May 2015, Tehran, Iran**
Synthesis and characterization of Ce(salophen) encapsulated into nanocage of dealuminated Y zeolite **2n d Iran National Zeolite Conference (2INZC) 27-28May 2015, Tehran, Iran**
Maryam Moosavifar
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Ce(Salophene)/TiO2/HY as an efficient, reusable and eco-friendly photocatalystin the degradation of nitrophenol**2n d Iran National Zeolite Conference (2INZC) 27-28May 2015, Tehran, Iran**
Encapsulated trinuclear metal cluster indealuminatedNaY Zeolite as a reusable catalyst in the Synthesis of 2′-Amino-1,2-dihydro-2,5′-dioxo-5′H-spiro[indole-3,4′-pyrano[3,2-c]chromene]-3′-carbonitrileofCO3 (O)Y**2nd Iran National Zeolite Conference (2INZC) 27-28May 2015, Tehran, Iran**
EncapsulatedMn and PbNano Particles in DealuminatedNaYZeolite as a Reusable Catalyst for One-Pot Three-component Synthesis of Spiro Oxindol4H-Chromene Derivatives **2nd Iran National Zeolite Conference (2INZC) 27-28May 2015, Tehran, Iran**
synthesis, characterization of cerium salen complex Encapsulated in dealuminated zeolite by EDTA treatment**2nd Iran National Zeolite Conference (2INZC) 27-28May 2015, Tehran, Iran**
Electrochemical characterization of cerium salen complex Encapsulated in dealuminated zeolite **2nd Iran National Zeolite Conference (2INZC) 27-28May 2015, Tehran, Iran**
Ti-Substituted molybdophosphoric acid encapsulated HY as an efficient in the photodecoloration of dye contaminant**,هیجدهمین سمینار شیمی معدنی ایران ،اسفند ماه ایران ،مشهد 17 - 19**
Zeolite-encapsulated tri-heteronuclear metal clusters as an efficient in the epoxidation of cyclohexane

برنامه درسی ترم جاری

برنامه آموزشی

سایر

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