

****سوابق تحصیلی**:**

****دکترای تخصصی (Ph.D)****

رشته تحصیلی و گرایش: شیمی آلی
مؤسسه محل اخذ مدرک: دانشگاه فردوسی مشهد

****کارشناسی ارشد****

رشته تحصیلی و گرایش: شیمی آلی
مؤسسه محل اخذ مدرک: دانشگاه فردوسی مشهد

****کارشناسی****

رشته تحصیلی و گرایش: شیمی محض
مؤسسه محل اخذ مدرک: دانشگاه فردوسی مشهد

-در هر سه مقطع تحصیلی، جزو نفرات اول تا سوم ورودی .

****سابقه آموزشی**:**

دروس تدریس شده: شیمی آلی 1، شیمی آلی 2، شیمی آلی 3، شناسایی ترکیبات آلی به روش طیف‌سنجی، کاربرد طیف‌سنجی در شیمی آلی، شیمی آلی مهندسی شیمی، شیمی و تکنولوژی چرم، شیمی محیط زیست، شیمی و تکنولوژی رنگ، شیمی پلیمر

****رزومه اجرایی**:**

1. مدیر گروه شیمی
2. مشاور انجمن‌های علمی دانشگاه

مقالات و همایش‌ها
Magnetic Co-doped NiFe ₂ O Nanocomposite: A Heterogeneous and Recyclable Catalyst for the One-Pot Synthesis of Benzimidazoles, Benzoxazoles and Benzothiazoles under Solvent-Free Conditions
Preparation of magnetically recoverable Fe ₃ O ₄ -graphene oxide catalyst by green method and its application for reduction of nitropyrimidine in aqueous medium
Zinc Oxide-Nanoclinoptilolite as a Superior Catalyst for Visible PhotoOxidation of Dyes and Green Synthesis of Pyrazole Derivatives
Synthesis of new derivatives of 4-(4- methyl-5H-pyrimido[4,5-b][1,4]thiazin-2yl)morpholine and 4-methyl-2-(piperidin-1-yl)-5H-pyrimido[4,5-b][1,4]thiazine

Synthesis of New Pyrimido[5:5,6][1,4]thiazino [2,3b]quinoxaline Derivatives in One Step
Highly efficient removal of paraquat pesticide from aqueous solutions using a novel nano Kaolin modified with sulfuric acid via host-guest interactions.
The mineral alum: an effective and low-cost heterogeneous catalyst for the successful synthesis of 5-substituted-1H-tetrazoles.
Synthesis of A Novel Heterocyclic System of 3,8-Disubstituted-5H-Pyrimido[5',4':5,6][1,4]Thiazino[3,2-e][1,2,4]Triazine
CoNiFe ₂ O ₄ @Silica-SO ₃ H nanoparticles: New recyclable magnetic nanocatalyst for the one-pot synthesis of 3,4-dihydropyrimidin-2(1H)-ones/thiones under solvent-free conditions
Methionine-Coated Fe ₃ O ₄ Nanoparticles: An Efficient and Reusable Nanomagnetic Catalyst for the Synthesis of 5-Substituted 1H-Tetrazoles
Removal of methyl orange from aqueous solutions by a novel, high efficient and low cost copper modified nanoalum
Photocatalytic degradation of 2,4,6-trinitrotoluene (TNT) in the presence of ZnS, NiS and ZnS/NiS supported Clinoptilolite under UV irradiation: experimental and neural network modelling
Application of sulfuric acid modified nano kaolin as a heterogeneous catalyst for the efficient synthesis of quinoxalines and benzothiazines
Tannic Acid-Cu modified Fe ₃ O ₄ @SiO ₂ nanoparticles (Fe ₃ O ₄ @SiO ₂ @TA-Cu NPs): New recyclable magnetic catalyst for the three- component synthesis of 2-amino-3,5-dicarbonitrile-6-thio-pyridines
Comparison of physical, Chemical and Microbial Properties of Municipal Waste Compost Fertilizer with Bio compost Obtained from Green Squares .in Tehran
Optimization of Carbon Dioxide Absorption (CDA) and Surface Erosion (SE) of Potassium Superoxide based respiratory air Tablets Using Taguchi Method
Persica Akhani Salicornia as novel biodiesel feedstock production for economic prosperity in salty and water scarcity areas: Optimized oil extraction process and transesterification reaction using new magnetic heterogenous nanocatalysts
ZnFe ₂ O ₄ @SiO ₂ -SO ₃ H Magnetic Nanoparticles: A New, Efficient, and Recyclable Heterogeneous Nanocatalyst for Successful Synthesis of 5-Substituted-1H-tetrazoles
Fe ₃ O ₄ @SiO ₂ @APTES@MPIB-Mn(II) as an eco-friendly and magnetically recyclable nano catalyst for the green synthesis of various xanthenes derivatives

19. مطالعه آزمایشگاهی سنتر و بررسی نقش سوخت زیستی تهیه شده از گیاه سالیکورنیا برای کاهش انتشار آلاینده های سیستم احتراقی CO و NOX	
A new environmental friend and commercial biodiesel from <i>Salicornia persica</i> Akhani: Studies of synthesis, physico chemical analysis and flame analysis	
New approach for the synthesis of novel acenaphtho[1,2- <i>b</i>]furan-8-amines	
Synthesis and Evaluation of a New Series of 3,5- bis ((5-bromo-6-methyl-2-taminopyrimidin-4- yl)thio)-4H-1,2,4-triazol-4-amines and their Cyclized Products "Pyrimidinylthio pyrimidotriazolothiadiazines" as 15- Lipoxygenase Inhibitors	
Synthesis of pyrimido[4',5':2,3][1,4]thiazepino [7,6 <i>b</i>]quinolines, derivatives of a novel ring system	
Synthesis of New Derivatives of 4-(4,7,7- Trimethyl-7,8-dihydro-6H-benzo[<i>b</i>]pyrimido[5,4- <i>e</i>][1,4]thiazin-2-yl)morpholine	
Dipyrimido[4,5- <i>b</i> :5,4- <i>e</i>][1,4]thiazine: synthesis and their enzyme inhibitory activity assessment on soybean 15-lipoxygenase	
Optimization of Electrospinning Conditions for the Preparation of Ethyl Cellulose (EC) Nanofibers (NF) Based on the Taguchi Method	
Application of green SC-CO ₂ oil extraction method with a new green catalyst from luffa fruit for biodiesel production from Persian Lilac-Melia Azedarach fruits	
Optimization of oil extraction from Melia azedarach fruits using methanol-modified SC-CO ₂ for highly efficient biodiesel production using a modified LAC catalyst	
Photocatalytic degradation of metronidazole using a new, green, and recyclable free-metal nano catalyst	
Green synthesis of xanthenes using a GLYMO/ melamine-functionalized Fe ₃ O ₄ -based zinc nanocatalyst	
Process optimization and highly efficient oil extraction from Spirogyra as environmentally friendly and the fastest growing algae for biodiesel production via SC-CO ₂ and UAE green methods	
Silver nanoparticles decorated on thiol-modified bentonite (Bnt-pr-SH@ag NPs) as a recyclable nanocatalyst for reduction of nitroaromatic compounds	
عنوان مقاله (همایشی)	نام همایش

<p>Zeolite-Cu as a Heterogeneous Catalyst for the One-pot Synthesis of Benzothiazoles</p>	<p>1st National conference on applied chemistry and nanochemistry</p>
<p>Preparation of Magnetic CoNiFe₂O₄ @Silica-SO₃H Nanocomposite as a Heterogeneous Acid Nanocatalyst</p>	<p>1st National conference on applied chemistry and nanochemistry</p>
<p>کاربرد کاتولن اصلاح شده با سولفوریک اسید به منظور حذف متیل گرین از نمونه های آبی</p>	<p>کنفرانس بین المللی فناوری های نوین در علوم</p>
<p>حذف جذبی پیشرفته متیل رد با استفاده از نانوذره مغناطیسی Co-NiFe₂O₄ اصلاح شده با سیلیکا</p>	<p>کنفرانس بین المللی فناوری های نوین در علوم</p>
<p>Facile and efficient one-pot synthesis of 2-phenyl-1H-phenanthro[9,10- d]imidazole derivatives using magnetic Co doped NiFe₂O₄ nanocomposite as a heterogeneous and recyclable catalyst</p>	<p>چهارمین کنفرانس بین المللی نوآوری های اخیر در شیمی و مهندسی شیمی</p>
<p>One-pot synthesis of 5substituted 1- H tetrazoles derivatives using magnetic CoNiFe₂O₄@SiO₂ nanocomposite as a heterogeneous and recyclable nanocatalyst</p>	<p>چهارمین کنفرانس بین المللی پژوهش های کاربردی در علوم شیمی و زیست شناسی</p>