



## Reihaneh Malakooti

Associate Professor

Faculty: Science

Department: Chemistry

### Education

Degree	Graduated in	Major	University
BSc	1365	شیمی	بیرجند
MSc	1375	شیمی معدنی	بیرجند
Ph.D	1385	شیمی معدنی	(الزهرا (س)

### Membership in Scientific Societies

عضو انجمن شیمی ایران

### Papers in Conferences

- ریحانه ملکوتی، راضیه شمشیرگران، ابوالفضل اکبرپور، تأثیر ترکیبات اتصال دهنده به نانو ذرات آهن صفر جهت حذف آلاینده های آب، اولین همایش بین المللی و دومین همایش ملی مدلسازی و فناوری های جدید در مدیریت آب، شماره ۲۱۰۲۰۵۲۳، بیرجند.
- ریحانه ملکوتی، حمیدرضا ناصری، عبدالستار فیض بخش، ارزیابی اثرات نانو کامپوزیت کوپر فریت بر روی خواص مهندسی ملات های خود متراکم حاوی خاکسر بادی، دومین کنفرانس بین المللی دستاوردهای نوین پژوهشی در مهندسی عمران، معماری و مدیریت شهری، شماره صفحات -۰، تهران، ۱۶، سال ۱۴۰۵.
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- ریحانه ملکوتی، فاطمه ابراهیمی راویز، حسن اتشین، حسین ابادی راحله، زینب پارسایی، اکسایش الكل ها با نانوکاتالیست توسطاب اکسیژنه در شرایط بدون حلal، اولین همایش و Cu(bpdo)۲.۲H2O / Na-Montmorillonite کارگاه تخصصی علوم و فناوری نانو، شماره صفحات ۱-۳، تهران، ۱۳۹۵.
- اولین، Cu(bpdo)۲.۲H2O / Montmorillonite ریحانه ملکوتی، فاطمه ابراهیمی راویز، زینب پارسایی، سنتز و شناسایی همایش و کارگاه تخصصی علوم و فناوری نانو، شماره صفحات ۱-۵، تهران، ۱۳۹۵.
- \_ Aerobic Oxidation of Alcohol Using Molybdenum(VI) Oxide Immobilized on Mesoporous Silica زاهدان، pp. 0-0, 09 03 2019.
- \_ Comparison between Cu(II) schiff base complex immobilized on SBA-15, Fe3O4 and Fe3O4/mesoporous silica catalysts for alcohols oxidation، pp. 0-0، بیستمین سمینار شیمی معدنی ایران، ۰۹ ۰۳ ۲۰۱۹، زاهدان.

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12. \_ ,Synthesis and Characterization of Cr<sub>2</sub>O<sub>3</sub> Nanoparticles, هجدهمین کنگره شیمی ایران, pp. 285-285 سمنان, 30 08 2015.
13. \_ ,Aqueous Knoevenagel Condensation of Aromatic Aldehydes with Malononitrile Using Molybdenum Oxide Wires, هجدهمین کنگره شیمی ایران, pp. 284-284 ,30 08 2015, سمنان.
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2. \_ ,Riyaneh Mirkotabi, Hrovay Magid, Oxidative aromatization of Hantzsch 1,4-dihydropyridines in the presence of a catalytic amount of Mn(bpdo)2Cl2/MCM-41 or Mn(bpdo)2Cl2/Al-MCM-41 as reusable and green catalysts, Catalysis Communications, 10, شماره 4, صفحات 819-822, 2009, JCR, Scopus.
3. „,[Cu(bpdo) 2·H2O]2+ /montmorillonite: a highly effective and recyclable catalyst for the synthesis of 2-amino-4H-chromenes, 2-amino-4H-benzopyrans and spiroacenaphthylene derivatives via MCR in aqueous media, Research on Chemical Intermediates, Vol. 7, No. 48, pp. 3143-3169, 2022, JCR, Scopus.

4. Abolfazl Akbarpour,Fabrication of Polyvinylpyrrolidone-Stabilized Nano ZeroValent Iron Supported by Hydrophilic Biochar for Efficient Cr (VI) Removal from Groundwater,ChemistrySelect,Vol. 43,No. 7,pp. 202202927-202202938,2022,JCR.
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7. sadeq malakooti,Scaled-up, selective and green synthesis of sulfoxides under mild conditions using (CellI-MoVI)Ox/aniline hybrid rods as an efficient catalyst,Applied Organometallic Chemistry,Vol. 12,No. 23,pp. 1-11,2019,JCR.Scopus.
8. sadeq malakooti,Nasrin Hooshmand,Easy Scale-Up Synthesis of Mo<sub>8</sub>O<sub>26</sub>(C<sub>5</sub>H<sub>6</sub>N)<sub>4</sub>·H<sub>2</sub>O Hybrid with a Rectangular Prism Morphology and Its Application as an Efficient and Highly Recyclable Bi-functional Catalyst for Knoevenagel Condensation,ChemistrySelect,Vol. 9,No. 4,pp. 2551-2561,2019,JCR.
9. \_MoO<sub>x</sub> pyridine organicinorganic hybrid wires as a reusable and highly selective catalyst for the oxidation of alcohols a comparison study between reaction-controlled phase-transfer catalysis and heterogeneous catalysis,New Journal of Chemistry,Vol. 41,pp. 3405-3413,2017,JCR.Scopus.
10. Shahlaei Mohsen,Electrocatalytic oxidation and determination of dexamethasone at an Fe<sub>3</sub>O<sub>4</sub>/PANICu II microsphere modified carbon ionic liquid electrode,RSC Advances,Vol. 7,pp. 11322-11330,2017,ISI.JCR.Scopus.
11. \_Magnetic iron oxide nanoparticles embedded in SBA-15 silica wall as a green and recoverable catalyst for the oxidation of alcohols and sulfides,Journal of Saudi Chemical Society,Vol. 21,pp. 17-24,2017,JCR.Scopus.
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22. „ $\text{Cu}(\text{bpdo})_2 \cdot 2\text{H}_2\text{O}$  supported SBA-15 nanocatalyst for efficient one-pot synthesis of benzoxanthenone and benzochromene derivatives, Comptes Rendus Chimie, Vol. 16, pp. 799-806, 2013, JCR, Scopus.
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26. Malakooti Sadeq, Steady State Thermoelasticity of Hollow Nanospheres, JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE, Vol. 8, No. 9, pp. 1-5, 2011, Scopus.
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28. „THE SYNTHESIS OF 2-IMINOCHROMENES USING MESOPOROUS MOLECULAR SIEVE MCM-41 AS A HETEROGENEOUS AND RECYCLABLE CATALYST, Bulletin of the Chemical Society of Ethiopia, Vol. 24, No. 2, pp. 273-276, 2010, JCR, Scopus.
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