



## Reza Sandaroos

Assistant Professor

Faculty: Science

Department: Chemistry

### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenure Track	Full Time	14

### Papers in Conferences

1. علی زراعتکارمقدم، آیتنی علی، رضا سندروس، دیمه فاطمه، تابانی هادی، حذف رنگ اسیدی کنگورد از پساب های صنعتی با اکسید آهن، کنفرانس ملی حفاظت محیط زیست، شماره صفحات -/Al2O3/ استفاده از نانوذرات مغناطیسی چیتوسان، تهران، ۲۰۱۶، ۰۴ ۲۰.

### Papers in Journals

1. Saeid Ahmadjo, Gholam Hossein Zohuri, Saman Damavandi, Comparative Ethylene Polymerization via Imino-Quinolinol Catalysts, Polymer Science - Series B, No. 59, pp. 405-411, 2017, ISI, JCR, Scopus.
2. Saman Damavandi, Gholam Hossein Zohuri, Saeid Ahmadjo, Bis(imino)pyridine-Iron(II) Complexes for Ethylene Polymerization, Polymer Science - Series B, No. 59, pp. 1-6, 2017, ISI, JCR, Scopus.
3. Reza Mohammadian, Ali Allahresani, Design a new unsymmetrical Schiff base chiral Co-complex containing ionic liquid groups as a reusable green catalyst in the epoxidation of alkenes, Research on Chemical Intermediates, No. 50, pp. 1313-1329, 2024, ISI, JCR, Scopus.
4. sanaz naderi, „Synthesis and Characterization of a Novel Crowned Schiff Base Ligand Linked to Ionic Liquid and Application of Its Mn(III) Complex in the Epoxidation of Olefins, Chemical Methodologies, No. 7, pp. 392-404, 2023, ISI, isc.
5. „Mn(III) Schiff base complexes containing crown ether rings immobilized onto MCM-41 matrix as heterogeneous catalysts for oxidation of alkenes, Heliyon, Vol. 4, No. 9, pp. 15041-0, 2023, ISI, JCR, Scopus.
6. Behrooz Maleki, sanaz naderi, „A crowned manganese-based Schiff complex supported on nanocellulose as an efficient and sustainable heterogeneous catalyst for the oxidation of benzyl alcohols, Journal of Organometallic Chemistry, No. 990, pp. 122666-0, 2023, JCR, Scopus.
7. sanaz naderi, Sahar Peiman, behrooz maleki, Novel crowned cobalt (II) complex containing an ionic liquid: A green and efficient catalyst for the one-pot synthesis of chromene and xanthene derivatives starting from benzylic alcohols, Journal of Physics and Chemistry of Solids, No. 180, pp. 111459-0, 2023, JCR, Scopus.
8. Ali Allahresani, Design of a new unsymmetrical bis (imino) pyridine Schiff. base co. complex with an ionic liquid group as a recyclable green catalyst to prepare chromenes derivatives from benzylic

alcohol, Transition Metal Chemistry, No. 48, pp. 269-280, 2023, JCR.Scopus.

9. New ecofriendly heterogeneous nano-catalyst for the synthesis of 1-substituted and 5-substituted 1H-tetrazole derivatives, Scientific Reports, No. 12, pp. 15364-15380, 2022, JCR.Scopus.
10. DAMAVANDI, SAMAN, Novel multicomponent synthesis of 2-(9-dihydro-9-methyl-2-oxo-4-aryl-1H-pyrido[2,3-b]indole-3-carbonitrile) compounds, Journal of Chemical Sciences, Vol. 125, pp. 95-100, 2013, ISI, JCR, isc.Scopus.
11. متصل به کرون اتر و (II) رضا سندروس، سنتز کرومن ها از مشتقات بنزیل الکل با استفاده از کاتالیزور شیف باز کبالت. isc، نشانده شده بر روی نانو ذرات سلولز، شیمی و مهندسی شیمی ایران، مجلد ۲، شماره ۲، شماره صفحات ۱-۲۳، ۳۳.
12. Efficient synthesis of sulfones and sulfoxides from sulfides by cobalt-based Schiff complex supported on nanocellulose as catalyst and Oxone as the terminal oxidant (DOI active), Inorganic Chemistry Communications, Vol. ۲۰۲۲-۱، شماره صفحات ۱-۷، JCR.Scopus.
13. با استفاده از کاتالیست شیف باز کبالت و نشانده شده بر II سنتز کرومنها از مشتقات بنزیل الکل متصل به کرون اتر. isc، Vol. 1, No. 43, pp. 145-161, 2024.
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15. Design of a New Poly Imidazolium-Tagged Cobalt (II) Schiff Base Complex for Selective Oxidation of Alcohols and Sulfides in a Water Solvent, Polycyclic Aromatic Compounds, pp. 1-19, 2021, JCR.Scopus.
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17. Mehri Salimi tabas, Effective and selective aerobic oxidation of primary and secondary alcohols using CoFe2O4@HT@Imine-CuII and TEMPO in the air atmosphere, Applied Organometallic Chemistry, No. 35, pp. 1-15, 2020, JCR.Scopus.
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23. Nazif Alireza, Molaei Hamidreza, Salimi Saeid, Multicomponent synthesis of a new series of 4H-furo[3,4-b]pyrans with iron(III) triflate as catalyst, Research on Chemical Intermediates, Vol. 41, No. 8, pp. 5033-5040, 2015, JCR.Scopus.
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25. Goldani Mohammad Taghi, Damavandi Saman, Efficient polymeric catalyst for one-pot synthesis of acenaphtho[1,2-b]pyrroles, Research on Chemical Intermediates, Vol. 40, pp. 139-147, 2014, JCR.Scopus.
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  48. GOLDANI MOHAMMAD TAGHI, DAMAVANDI SAMAN, MOHAMMADI ALI, Efficient asymmetric Baeyer

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## Books

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### 1. POLYMERIZATION