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Professor

Faculty: Science

Department: Chemistry

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenured	Full Time	24

Awards

FHonzors and Awards:

Ø Selected for Iran Science Elites Federation (2016) <https://isef.ir>

Ø Distinguish researcher of University of Birjand (2016)

Ø Selected for Iran Science Elites Federation (2015) <https://isef.ir/>

Ø Distinguish researcher of South Khorasan Province (2012)

Ø Distinguish researcher of University of Birjand (2012)

Ø Distinguish researcher of University of Birjand (2010)

Ø PhD (Honors, 2004)

Ø Selected for the final stage of the first Student Scientific Olympiad (1996) <http://olympiad.sanjesh.org/Fa/ResultDetail.aspx?CID=5&BID=5>

Papers in Conferences

معصومه جعفرپور، عبدالرضا رضائی فرد، مهري بمانی نائینی، سنتز نانوکاتالیزور مولیبدن تثبیت شده بر روی سیلیکاژل به 1. وسیله امواج فراصوت و کاربرد آن در واکنش های اکسیداسیون، اولین همایش و کارگاه تخصصی علوم و فناوری نانو، شماره صفحات -، تهران، ۲۰۱۳ ۱۶ ۰۵

2. عبدالرضا رضائی فرد، معصومه جعفری‌پور، آتنا نعیمی باغینی، محبوبه علی پور، سنتز و مطالعه ساختار مولکولی کمپلکس شیف باز سه دندان‌دی اکسو مولیبیدن، نوزدهمین همایش بلورشناسی و کانی‌شناسی ایران، شماره صفحات ۲۰۱۱، گرگان، ۲۰۱۱، ۰۷-۰۹.
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5. Maasoumeh Jafarpour, Heterogeneous activation of Oxone by magnetic nanoparticles anchoring Schiff base complexes for water treatment, مشهد، 17 07 2018, pp. 2-، بیستمین کنگره شیمی ایران.
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7. Maasoumeh Jafarpour, Riboflavin immobilized on the starch-coated maghemite nanoparticles catalyzed heterogeneous aerobic synthesis of N-heterocyclic compounds, هفتمین کنفرانس بین المللی، تهران، 27 02 2018, pp. 4-6, (ICNS7) نانوساختارها.
8. Maasoumeh Jafarpour, Aerobic photocatalytic synthesis of benzimidazoles by cobalt Schiff base complex coated on TiO₂ nanoparticles under visible light condition, هفتمین کنفرانس بین المللی، تهران، 27 02 2018, pp. 1-3, (ICNS7) نانوساختارها.
9. _ , Electronic structure investigation of fullerene-like spherical nanocapsule, نوزدهمین کنفرانس شیمی، تهران، 05 09 2017, pp. -، معدنی ایران.
10. _ , Opportunities and Challenges in Catalytic Applications of Keplerate Polyoxometalates, نوزدهمین کنفرانس شیمی معدنی ایران، تهران، 05 09 2017, pp. -، معدنی ایران.
11. Maasoumeh Jafarpour, Comparative catalytic activity of Mo₇₂Fe₃₀ nanoclusters in the oxidative dyes degradation, تهران، 05 09 2017, pp. -، نوزدهمین کنفرانس شیمی معدنی ایران.
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55. Maasoumeh Jafarpour, Synthesis and oxidation activity of benzyltributylammonium periodate in hydrocarbon oxidation catalyzed by Mn-porphyrins in green media, سیزدهمین کنفرانس شیمی معدنی ایران، کرمانشاه، pp. - 07 09 2011.
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2. Maasoumeh Jafarpour, TiO₂ nanoparticles decorated with Co-Schiff base-g-C₃N₄ as an efficient photocatalyst for one-pot visible light-assisted synthesis of benzimidazoles, RSC Advances, Vol. 35, No. 12, pp. 22526-22541, 2022, ISI, JCR, Scopus.
3. Grzhegorzhevskii, Maasoumeh Jafarpour, Rouhollah Khani, Melem Nanorectangular Prism-Modified {Mo₇₂Fe₃₀} Nanocapsule as a Visible-Light-Assisted Photocatalyst for Catalase-Like Activity, ACS Applied Nano Materials, Vol. 6, No. 5, pp. 7917-7931, 2022, ISI, JCR, Scopus.
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6. masoomah rezaei, Maasoumeh Jafarpour, Pinghua Chen, Hualin Jiang, Enhanced Visible-Light-Induced Photocatalytic Activity in M(III)Salophen-Decorated TiO₂ Nanoparticles for Heterogeneous Degradation

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10. Maasoumeh Jafarpour, Tandem Photocatalysis Protocol for Hydrogen Generation/Olefin Hydrogenation Using Pd-g-C₃N₄-Imine/TiO₂ Nanoparticles, *Inorganic Chemistry*, Vol. 13, No. 60, pp. 9484-9495, 2021, JCR.Scopus.

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