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College: Faculty of Chemistry

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### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenured	Full Time	19

### Papers in Conferences

1. بر انواع مختلف سرطان، ششمین کنگره بین SNHG4 کیمیا محمدپور، زهره زهرایی، محمدرضا حجاری، تأثیر بیان ژن ۰۷ ۰۷ ۲۰۲۴، تهران، ۲۰۲۴.
2. در رگ زایی و بیماری رتینوپاتی دیابتی، بیست و دومین miRNA زهرا عبداللهی، زهره زهرایی، مهدی مجیدپور، نقش ۳۱ ۰۸ ۲۰۲۲، شهرکرد، ۲۰۲۲.
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4. فاطمه مرادی، زهره زهرایی، مروری بر متابولیسم سلول‌های سرطانی، بیست و دومین کنگره ملی و دهمین کنگره بین ۳۱ ۰۸ ۲۰۲۲، شهرکرد، ۲۰۲۲.
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7. اولین کنگره بین المللی، Nazanin Shamaei ,The anticancer effects of different species of Cynanchum, 18 09 2024, 1 - زنجان، 2024 .
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9. بر انواع مختلف سرطان، ششمین کنگره بین المللی و هجدهمین کنگره ملی SNHG4 محمدرضا حجاری، تأثیر بیان ژن 07 07 2024, 1 - تهران، 2024 .
10. A review of the effects of aspartame and saccharin on human health, اباذر ابوذرخانی فرد، زهره زهرایی 25 02 2024, 1 - تهران، 2024 .

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- Gene Expression in Rats Subjected to Transient Middle Cerebral Artery Occlusion, *Journal of Neuropathology & Experimental Neurology*, 2022.
2. Nazanin Farajzadeh , Dehkordi, Zohreh Zahraei , Sadegh Farhadian, Neda Gholamian , Dehkordi, The interactions between Reactive Black 5 and human serum albumin: combined spectroscopic and molecular dynamics simulation approaches, *Environmental Science and Pollution Research*, 2022.
  3. Nazanin Farajzadeh , Dehkordi, Sadegh Farhadian, Zohreh Zahraei, Neda Gholamian , Dehkordi, Behzad Shareghi, Interaction of reactive Red 195 with human albumin: Determination of the binding mechanism and binding site by spectroscopic and molecular modeling methods, *Journal of Molecular Liquids*, 2021.
  4. ستاره عیسائی, زهره زهرایی, داوود پورسینا, محمد اسماعیل اکبری, جلاله واعظی هریس Her-2/neu gene amplification and its correlation with other prognostic factors in Iranian breast cancer patients, *Molecular Biology Reports*, 2024 06 01, JCR.
  5. زهره زهرایی, مهسا خراسانی زاده, حسین نعیمی, Sonochemical synthesis of ortho-aminocarbonitrile tetrahydronaphthalenes using mesoporous yolk-shell nanocomposites as a recyclable heterogeneous catalyst and evaluation of their in vitro antimicrobial activities, *Applied Organometallic Chemistry*, 2023 10 16, JCR.
  6. زهره زهرایی, جلاله واعظی هریس, miRNAs: Regulators of Immune System in Diabetes, *Mutation Research-Reviews in Mutation Research*, 2022 09 09, JCR.
  7. Zeinab Sadat Seyedi , Zohreh Zahraei , Fereshteh Jokar Kashi. Decolorization of Reactive Red 152 Dye by Native Bacteria Isolated from Kashan Textile Wastewater. *Modares Journal of Biotechnology*. ۲۵/۱۲/۱۳۹۷.
  8. Maryam Iravani , Roya Mahinpour , Zohreh Zahraei , Zeinab Toluei. Study on the quantitative and qualitative diversity of essential oil in four wild *Salvia* spp. in Kashan region. *Iranian Journal of Medicinal and Aromatic Plants Research*. ۲۰۲۱ ۰۱ ۲۰.
  9. Maryam Iravani , Roya Mahinpour , Zohreh Zahraei , Zeinab Toluei. In Vitro Evaluation of the Antimicrobial Properties of Essential Oils and Methanolic Extracts of Four Species of *Salvia* L. *Research on Medicine*. ۲۰۱۹ ۵ ۱۸.
  10. Zohre Zarnegar , Javad Safari , Zohreh Zahraei. Stabilization of silver nanoparticles on polymer nanocomposites of magnetite - chitosan and their antimicrobial properties. *Journal of Applied Research in Chemistry*. ۲۰۱۹ ۰۶ ۰۵.
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  12. The mechanism of inhibitory effect of caffeine from Iranian tea on sigmoidal kinetics of adenosine deaminase enzyme activity. *Journal of Applied Biology*. ۱۳۹۸ ۱ ۲۰.
  13. Cloning and Expression of Lipid Transfer Protein- $\gamma$  (LTP $\gamma$ ) Gene from Iranian Rice. *GENETICS IN THE 3RD MILLENNIUM*. ۱۳۹۱ ۵ ۱۵.
  14. Mohammad Karimian , Mehran Miroliaie , Kamran Ghaedi , Zohreh Zahraei. Optimization the amplification of LTP (lipid transfer protein) gene. *GENETICS IN THE 3RD MILLENNIUM*. ۱۳۹۰ ۱ ۲۴.
  15. Zeynab Sadat Seyedi , Zohreh Zahraei , Fereshteh Jookar Kashi1, Decolorization of Reactive Black 5 and Reactive Red 152 Azo Dyes by New Haloalkaliphilic Bacteria Isolated from the Textile Wastewater, *Current Microbiology*, 27 5 2020.
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  17. Saba Hor , Hamidreza Farshchi , Zohreh Zahraei , Mahdi Akhtarkavan, Superposition Reflective Louver: An Optimal Daylight System for Atrium Illuminance, *Journal of Architectural Engineering*, 2020 4 1.
  18. Shiva Shaqei Amrei , Morteza Asghari , Mehri Esfahanian , Zohreh Zahraei, Highly selective carbon nanotube-coupled graphene oxide-incorporated polydimethylsiloxane membrane for pervaporative

- membrane bioreactor ethanol production, *Journal of Chemical Technology & Biotechnology*, 2020 2 26.
19. Maryam Iravani et al., Comparison of cytotoxic and antioxidant activities and phenol content of four *Salvia L.* species from Iran, *Journal of Medicinal Plants*, 2020 11 10.
  20. Zeynab Sadat Seyedi , Fereshteh Jookar Kashi , Zohreh Zahraei, Isolation, characterization, and decolorization of Disperse Blue 60 by newly isolated bacterial strains from Kashan textile wastewater, *Water Environment Research*, 2020 1 7.
  21. Amal Sattar Taha , Zohreh Zahraei , Hussein Kadhem Al , Hakeim, Serum apelin and galectin-3 in preeclampsia in Iraq, *HYPERTENS PREGNANCY*, 2020 06 20.
  22. Vajihe Nejadshahi , Hossein Naeimi , Zohreh Zahraei, Efficient synthesis and antibacterial evaluation of some substituted  $\alpha$ -hydroxy-1,2,3-triazoles, *Chemical Data Collections*, 2020 06 04.
  23. Zohre Zarnegar, Javad safari, Zohreh Zahraei, Design, synthesis and antimicrobial evaluation of silver decorated magnetic polymeric nanocomposites, *Nano-Structures & Nano-Objects*, 2019 07 19.
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  27. Hossein Naeimi, Asieh Didar, Zahra Rashid, Zohreh Zahraie, Sonochemical synthesis of pyrido[2,3-d:6,5-d']-dipyrimidines catalyzed by [HNMP]<sup>+</sup>[HSO<sub>4</sub>]<sup>-</sup> and their antimicrobial activity studies, *J ANTIBIOT*, 2017 05 11.
  28. Ali Sobhani , Nasab, Zohreh Zahraei, Maryam Akbari, Mahnaz Maddahfar, S. Mostafa Hosseinpour , Mashkani, Synthesis, characterization and antibacterial activities of ZnLaFe<sub>2</sub>O<sub>4</sub>/NiTiO<sub>3</sub> nanocomposite, *J MOL STRUCT*, 2017 04 11.
  29. Mohsen Golestanzadeh , Hossein Naeimi , Zohreh Zahraie, Metal-free GO-SiPr-SO<sub>3</sub>H Nanosheets Catalyzed Ultrasound Promoted One-pot Synthesis of Star-Shape Phenolic Compounds in Water and Study of Their In-vitro Antimicrobial Activities, *ChemistrySelect*, 2016 12 11.
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  32. Hossein Naeimi, Mohsen Golestanzadeh, Zohreh Zahraie, Synthesis of potential antioxidants by synergy of ultrasound and acidic nanosheets as catalyst in water, *INT J BIOL MACROMOL*, 2016 02 11.
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  34. Construction of a Vector Containing Coding Sequence of Lipid Transfer Protein-2 (LTP2) Gene from Rice, *Journal of Molecular Genetics*, 2011 3 20.