



Zohreh Zahraie

Associate Professor

College: Faculty of Chemistry

Department: Cell and Molecular Biology

Papers in Conferences

1. در رگ زایی و بیماری رتینوپاتی دیابتی، بیست و دومین miRNA زهرا عبداللهی، زهرا زهراei، مهدی مجیدپور، نقش کنگره ملی و دهمین کنگره بین المللی زیست شناسی ایران، ۱- شهرکرد، ۳۱۰۸ ۲۰۲۲.
2. بیست و دومین کنگره، P53، رضا ابراهیمی، زهرا زهراei، متابولیسم لیپید در سلول‌های سرطانی و تنظیمات آن توسط ملی و دهمین کنگره بین المللی زیست شناسی ایران، ۱- شهرکرد، ۳۱۰۸ ۲۰۲۲.
3. فاطمه مرادی، زهرا زهراei، مروری بر متابولیسم سلول‌های سرطانی، بیست و دومین کنگره ملی و دهمین کنگره بین المللی زیست شناسی ایران، ۱- شهرکرد، ۳۱۰۸ ۲۰۲۲.
4. محدثه جعفری نعیمی، زهرا زهراei، ادجوانات-های کربوهیدارتی، نقش و اثر کمکی آن‌ها در واکسن، بیست و دومین کنگره ملی و دهمین کنگره بین المللی زیست شناسی ایران، ۱- شهرکرد، ۳۱۰۸ ۲۰۲۲.

Papers in Journals

1. Negar khassafi, Zohreh Zahraei*, Zeinab Vahidinia, Mohammad Karimian, Abolfazl Azami Tameh, Calcitriol Pretreatment Attenuates Glutamate Neurotoxicity by Regulating NMDAR and CYP46A1 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. مهسا خراسانی زاده، حسین نعیمی، زهرا زهراei, 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.
5. هلاله واعظی هریس، زهرا زهراei, miRNAs: Regulators of Immune System in Diabetes, Mutation Research-Reviews in Mutation Research, 2022 09 09, JCR.
6. Zeinab Sadat Seyedi , Zohreh Zahraei , Fereshteh Jokar Kashi, Decolorization of Reactive Red ۱۵۲ Dye by Native Bacteria Isolated from Kashan Textile Wastewater, Modares Journal of Biotechnology, ۲۵/۱۲/۱۳۹۷.
7. 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.۱۰۲۱ ۰۱ ۲۰.

8. 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.۱۰۱۹ ۰ ۱۸.
9. Zohreh 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.۱۰۱۹ ۰ ۶ ۰ ۶.
10. Zohreh Zahraei , Atefeh Sarlak , Mohammad Esmaeil Akbari.Investigation of c-Myc gene amplification in breast cancer patients and its correlation with other prognostic factors.Feyz Journal.۱۰۱۷ ۱۱ ۱۸.
11. 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.
12. Cloning and Expression of Lipid Transfer Protein-γ (LTPγ) Gene from Iranian Rice.GENETICS IN THE ۳RD MILLENNIUM.۱۳۹۱ ۰ ۱۶.
13. Mohammad Karimian , Mehran Miroliaie , Kamran Ghaedi , Zohreh Zahraei.Optimization the amplification of LTP (lipid transfer protein) gene.GENETICS IN THE ۳RD MILLENNIUM.۱۳۹۰ ۱ ۲۴.
14. 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.
15. Nazanin Farajzadeh ,& Dehkordi, Sadegh Farhadian, Zohreh Zahraei, Sanaz Asgharzadeh, Behzad Shareghi, Behnam Shakerian,Insights into the binding interaction of Reactive Yellow 145 with human serum albumin from a biophysics point of view,Journal of Molecular Liquids,2022 11 14.
16. 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.
17. Shiva Shaiei 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.
18. 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.
19. 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.
20. Amal Sattar Taha , Zohreh Zahraei , Hussein Kadhem Al , Hakeim,Serum apelin and galectin-3 in preeclampsia in Iraq,HYPERTENS PREGNANCY,2020 06 20.
21. Vajihe Nejadshaee , Hossein Naeimi , Zohreh Zahraei,Efficient synthesis and antibacterial evaluation of some substituted 1-hydroxy-1,2,3-triazoles,Chemical Data Collections,2020 06 04.
22. Zohreh Zarnegar, Javad safari, Zohreh Zahraei,Design, synthesis and antimicrobial evaluation of silver decorated magnetic polymeric nanocomposites,Nano-Structures & Nano-Objects,2019 07 19.
23. Javad Safaei , Ghomi, Soleiman Paymard , Samani, Zohreh Zahraei, Hossein Shahbazi , Alavi,Synthesis of 1,5 and 2,5-disubstituted tetrazoles using NiO nanoparticles and their evaluation as antimicrobial agents,Nanomedicine Research Journal,2019 06 15.
24. Leila Moradi, Zeynab Ataei, Zohreh Zahraei,Convenient synthesis of spirooxindoles using SnO₂ nanoparticles as effective reusable catalyst at room temperature and study of their in vitro antimicrobial activity,Journal of The Iranian Chemical Society,2019 01 11.
25. Roya Mahinpour, Leila Moradi, Zohreh Zahraei, Nafiseh Pahlevanzadeh,New synthetic method for the synthesis of 1,4- dihydropyridine using aminated multiwalled carbon nanotubes as high efficient catalyst and investigation of their antimicrobial properties,journal of saudi chemical society,2017 11 11.
26. Hossein Naeimi, Asieh Didar, Zahra Rashid, Zohreh Zahraie,Sonochemical synthesis of pyrido[2,3-

- d:6,5-d'- dipyrimidines catalyzed by [HNMP]+[HSO₄]⁻ and their antimicrobial activity studies,J ANTIBIOT,2017 05 11.
27. Ali Sobhani , Nasab, Zohreh Zahraei, Maryam Akbari, Mahnaz Maddahfar, S. Mostafa Hosseinpour , Mashkani,Synthesis, characterization and antibacterial activities of ZnLaFe2O4/NiTiO₃ nanocomposite,J MOL STRUCT,2017 04 11.
28. Mohsen Golestanzadeh , Hossein Naeimi , Zohreh Zahraie,Metal-free GO-SiPr-SO₃H 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.
29. Mohsen Golestanzadeh , Hossein Naeimi , Zohreh Zahraie,Synthesis and antioxidant activity of star-shape phenolic antioxidants catalyzed by acidic nanocatalyst based on reduced graphene oxide,Materials Science and Engineering C,2016 10 27.
30. Roya Mahinpour , Majid Ghasemi , Zahra Moosavi ,& Nejad , Zohreh Zahraei,Caffeine effect on adenosine deaminase catalysis: A new look at the effect of caffeine on adenosine deaminase activity,Iranian Journal of Catalysis (IJC),2016 07 14.
31. 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.
32. Elham Chamani , Azra Rabbani , Chadegani , Zohreh Zahraei,Spectroscopic detection of etoposide binding to chromatin components: The role of histone proteins,Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy,2014 6 5.
33. Construction of a Vector Containing Coding Sequence of Lipid Transfer Protein-2 (LTP2) Gene from Rice,Journal of Molecular Genetics,2011 3 20.