



Hoseinali Rafieepour

Associate Professor

College: Faculty of Chemistry

Department: Cell and Molecular Biology

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenured	Full Time	18

Papers in Conferences

1. Elaheh Mozayan et al. ,Design a cMWCNTFET-based biosensor via cytochrome c immobilization to detect low trace of hydrogen peroxide ,17th National and 2nd International Conference of Iranian Biophysical Chemistry ,September 6-7, 2022.
2. Zahra Abbasi et al. ,Authentication of Iranian honey samples: Physicochemical parameters investigation along with the electrochemical measurement of gallic acid by g-C₃N₄/AuNPs modified carbon paste electrode ,17th National and 2nd International Conference of Iranian Biophysical Chemistry ,September 6-7, 2022.
3. Zahra Abbasi et al. ,Electrochemical determination of gallic acid using a sensitive sensor based on g-C₃N₄/AuNPs modified carbon paste electrode ,17th National and 2nd International Conference of Iranian Biophysical Chemistry ,September 6-7, 2022.
4. Immobilization of glucose oxidase onto amino-functionalized carbon nanofibers for glucose biosensing ,17th National and 2nd International Conference of Iranian Biophysical Chemistry ,September 6-7, 2022.
5. Marziye Ghorbani , Elahe Mahmoodi , Khaledi , Hossain Ali Rafiee Pour ,Novel Detection of caffeic acid in honey using carbon paste electrode modified with copper (II) oxide (CuO) nanoparticles ,22nd National and 10th International Congress on Biology ,August 31- September 2, 2022.
6. Zeinab Nabhan, Elahe Mahmoodi , Khaledi, Hossain , Ali Rafiee , Pour ,Novel electrochemical sensor based on NiZnFe₂O₄/CPE for measurement of p-coumaric acid in honey samples ,22nd National and 10th International Congress on Biology ,August 31- September 2, 2022.
7. . Hossain Ali Rafiee Pour, Hasan Flah Hosseini, Hamid Reza Jamshidi, Amir Arsalan Shakeri ,The effect of carob pods extract on the rat's testosterone hormone ,7th National Congress on Medicinal Plants ,May 12-14, 2018.
8. Hossain Ali Rafiee Pour, Nafiseh sharifi, Sedigheh falahi ,An electrochemical nanobiosensor for early detection of breast cancer biomarker miRNA-21, using methylene blue as redox indicator, graphene oxide and polyaniline ,The First International Personalized Medicine Congress of Iran ,February 25-27, 2018.
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11. Maryam Mansouri, Hossain Ali Rafiee Pour, Sedigheh Falahi ,Recent advances in AuNPs based nanomaterials for photodynamic therapy ,2nd International Congress on Biomedicine ,December 21-24, 2018.
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13. نفیسه شریفی، حسینعلی رفیعی پور، صدیقه فلاحی، کامران حیدریان، سنتز زیست سازگار نانوکامپوزیت گرافن اکسید احیاء شده/نانوذرات نقره و کاربرد در حسگر تشخیص هیدروژن پراکسید، اولین همایش سالانه شیمی و مهندسی شیمی ایران، کیش، ۲۰۱۷، ۶ ۱۰
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17. Masood Hamadani, Hossain Ali Rafiee Pour, Samaneh Katebi Koushali , Immobilization and bioelectrochemistry of cytochrome con nanoporous TiO₂ and ZnO films ,The 13th Conference on Biophysical Chemistry ,May 26-27, 2015.
18. Mohammad Goodarzi, Hossain Ali Rafiee Pour, Fereshteh Jookar Kashi, Azam Ghorbani, Ali Mohammadi , Isolation of microorganisms from rosewater industry wastewater ,The 16th International and Iranian Congress of Microbiology ,August 25-27, 2015.
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25. Fariba Dashtestani و سایر A novel superoxide dismutase mimic based on copper (II) complex. 1st Tabriz International Life Science Conference & 11th Iran Biophysical Chemistry Conference، تبریز، ۲۰۱۳، ۵ ۲۲.

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33. P. Rahimi, Hossain Ali Rafiee Pour, H. Ghourchian, P. Norouzi, M.R. Ganjali ,Direct electrochemistry of cytochrome c immobilized in ionic liquid/hoc-MECNTs and its application for superoxide sensing ,The 3rd International Congress on Nanoscience and Nanotechnology ,November 9-11, 2010.
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35. P. Rahimi, Hossain Ali Rafiee pour, H. Ghourchian, P. Norouzi, M.R. Ganjali ,A novel disposable functionalized-carbon nanotube/ionic liquid modified screen-printed biosensor for glucose detection ,The 9th Iran Biophysical Chemistry Conferenc ,February 24-25 2010.
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38. S. Sajjadi, Hossain Ali Rafiee Pour, H. Ghourchian, A.H. Keyhan ,Carbon nanotube-ionic liquid composite for choline biosensing ,Proceedings of 3rd IUMS conference on application of nanotechnology in medicine and biomedical sciences ,February 2010.
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40. Hossain Ali Rafiee Pour, Parvaneh Rahimi, Hedayatollah Ghourchian ,Sensitivity improvement for glucose biosensing based on the nano-composite of ionic liquid-amine functionalized-carbon nanotubes ,Proceedings of 3rd IUMS conference on application of nanotechnology in medicine and biomedical sciences ,February 2010.
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 48. Yahya Sefidbakht, Hossain Ali Rafiee Pour, Farzaneh Farivar, Khodadad Nazari, Hedayatollah Ghourchian, A. A. Moosavi Movahedi ,MP-11/NH₂-FSM16 nanozyme as an artificial peroxidase; kinetic and voltammetric studies ,The First Regional Symposium on Bioelectrochemistry ,October 13-15, 2008.
 49. Sanaz Emami, Hossain Ali Rafiee Pour, Hedayatollah Ghourchian ,Cyclic voltammetry of cytochrome c on gold nanoparticles modified Au electrode in presence of dimethyl sulphoxide ,The 8th Iran Biophysical Chemistry Conference ,March 11-13, 2008.
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2. Negin ebrahimi, Hossain , Ali Rafiee , Pour, Elahe Mahmoodi , Khaledi,Ferulic acid detection in honey using carbon paste electrode modified by C-C₃N₄/Li₂CoMn₃O₈ nanocomposite,Microchemical Journal,Vol. 203,2024 06 05.
3. Zeinab Nabhan Khomeis, Elahe Mahmoodi , Khaledi, Hossain , Ali Rafiee , Pour, Mohsen Farhadpour,Novel electrochemical sensor based on NiZnFe₂O₄/CPE for measurement of p-coumaric acid,Arabian Journal of Chemistry,Vol. 17,2023 11 23.
4. Determination of bortezomib and dasatinib anticancer drugs in real samples using an electrochemical sensor modified with new CuFe₂O₄/SmVO₄/ionic liquid nanocomposite,Carbon Letters,Vol. 301,2023 11 06.
5. CNT-FET for sensitive hydrogen peroxide biosensing via immobilized Cytochrome c,Archives of Biochemistry and Biophysics,2023 08 01.

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7. Abbas Jafari et al., A new strategy to design label-free electrochemical biosensor for ultrasensitive diagnosis of CYFRA 21-1 as a biomarker for detection of non-small cell lung cancer, *Chemosphere*, Vol. 301, pp. 134636, 2022 04 18.
8. Sedigheh Falahi et al., Non-coding RNA-based biosensors for early detection of liver cancer, *Biomedicines*, Vol. 9, pp. 964, 2022 01 11.
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