



## 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-C<sub>3</sub>N<sub>4</sub>/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-C<sub>3</sub>N<sub>4</sub>/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 NiZnFe<sub>2</sub>O<sub>4</sub>/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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10. 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.
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.
12. Hossain Ali Rafiee Pour, Mohsen Behpour, Negin Nikzad ,Early cancer detection based on guanine oxidation consequent to the hybridization between miRNA-21 and it's inosine substitute capture probe ,The 2nd International Personalized Medicine Congress of Iran ,. January 13-15, 2018.
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.
14. 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. Tehran. ۲۰۱۷ ۲ ۲۵.
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16. حسینعلی رفیعی پور، محسن مرادیان، رکسانه صیادی بروجنی، بیومواد استراتژیک: کوپلیمر کانتروگه ی زیست تخریب پذیر در عرصه پزشکی، دومین کنگره سراسری پیشرفت های مهندسی بافت و طب بازساختی ایران، تهران، ۲۰۱۵، ۱۱ ۷.
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19. Mohsen Behpour, Hossain Ali Rafiee Pour, Mahin Keshavarz ,Development immobilization of DNA onto a carbon nanotube modified electrode and characterization by electrochemical techniques ,The 11th Biennial Electrochemistry Seminar of Iran ,September 9-11, 2014.
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21. Hossain Ali Rafiee Pour, Masoumeh Firouzi, Rasoul Beheshtifar, Mahboubeh Nejadhosseini, Catalase Immobilization onto Sonicationally-Functionalized Multiwalled Carbon Nanotubes ,The 11th Biennial Electrochemistry Seminar of Iran ,September 9-11, 2014.
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24. Fariba Dashtestani, Hedayatollah Ghourchian, Hossain Ali Rafiee Pour ,Interaction non-enzymatic electrochemical detection of superoxide anion based on gold nanoparticles ,The 10th Annual Electrochemistry Seminar of Iran ,November 26-27, 2014.
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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39. Seyed Ahmad Dehdast, Hossain Ali Rafiee Pour, Shabnam Vojudi Nobakht, Mohammad Shabani, Hedayatollah Ghourchian ,Fabrication a nanobiosensor based on alcohol dehydrogenase and carbon nanotubes for alcohol detection ,Proceedings of 3rd IUMS conference on application of nanotechnology in medicine and biomedical sciences ,February 2010.
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- biosensor based on DBD plasma functionalized multiwalled carbon nanotubes ,The 5th Analytical Electrochemistry Conference of Iran ,May 7-8, 2009.
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## Papers in Journals

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1. Zahra Abbasi , Qazaani, Hossain , Ali Rafiee , Pour, Mostafa Shourian,Sensitive electrochemical sensor for gallic acid determination in honey based on g-C<sub>3</sub>N<sub>4</sub>/AuNPs modified carbon paste electrode,Journal of The Electrochemical Society,Vol. 171,2024 07 31.
  2. Negin ebrahimi, Hossain , Ali Rafiee , Pour, Elahe Mahmoodi , Khaledi,Ferulic acid detection in honey using carbon paste electrode modified by C-C<sub>3</sub>N<sub>4</sub>/Li<sub>2</sub>CoMn<sub>3</sub>O<sub>8</sub> 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 NiZnFe<sub>2</sub>O<sub>4</sub>/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 CuFe<sub>2</sub>O<sub>4</sub>/SmVO<sub>4</sub>/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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8. Sedigheh Falahi et al., Non-coding RNA-based biosensors for early detection of liver cancer, *Biomedicines*, Vol. 9, pp. 964, 2022 01 11.
9. One step immobilization of glucose oxidase on TiO<sub>2</sub> nanotubes towards glucose biosensing, *Microchemical Journal*, Vol. 170, pp. 106712, 2021 07 31.
10. آذین مشرف قهفرخی؛ حسینعلی رفیعی پور؛ کریم مهنام، مقایسه ساختار سه ایزوآنزیم گلوکوآمیلاز به منظور تعیین عوامل نشان‌دهنده پایداری گرمایی پروتئین‌ها با استفاده از شبیه‌سازی دینامیک مولکولی، زیست فناوری دانشگاه تربیت مدرس، مجلد ۱۱، شماره صفحات ۲۰۲۰-۲۹۷، ۳۰۹، ۲۰۲۰.
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