Elahe Mahmoodi Khaledi

Assistant Professor

College: Faculty of Chemistry

Department: Cell and Molecular Biology

Education

Degree	Graduated in	Major	University
BSc	2007	Biology	Shahid Beheshti university
MSc	2009	Microbiology	University of Tehran
Ph.D	2015	Microbiology	University of Tehran

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
University of Kashan	Faculty member	Tenure Track	Full Time	6

Awards

May 2017, Election as university educational worthy Teacher, Kashan university

March 2016, The member of the Second rank of fundamental research, The 29th Khwarizmi International Award, Iranian Research Organization for Science and Technology

Subjects Taught

Microbiology and related Lab., Immunology and related Lab., Virology, Biostatistics, Biological terminology

Course Topics

Microbiology, Immunology and related Lab., Virology, Cell biology, General biology and related Lab., Biosafety, Biological terminology, Biostatistics, Evolution, Computer and network

Papers in Conferences

1. Mahta Faridalizade ,Natural remedies can help treat vaginitis ,- 1, هفتمین کنگره بین المللی زیست پزشکی 09 11 2023, تهران .
2. Mahta Faridalizade ,Natural remedies can help treat vaginitis ,- 1, هفتمین کنگره بین المللی زیست پزشکی 09 11 2023, تهران .
3. زینب اتش کار,الهه محمودی خالدی ,Antiviral Effect of phenolic compounds extracted from some Iranian honeys against Herpes Simplex Virus Type 1 ,24th Iran's International Congress of Microbiology ,1 - 18 09 2023, تهران .
4. زینب اتش کار,الهه محمودی خالدی ,Antibacterial evaluation of some Iranian honeys: whole honeys vs. their characterized phenolic extract ,24th Iran ,1 - 18 09 2023, تهران .
5. زهرا عباسی قزاآنی,مصطفی شوریان ,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 ,1 - 06 09 2022, گیلان .
6. زهرا عباسی قزاآنی,مصطفی شوریان ,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 ,1 - 06 09 2022, گیلان .
7. زینب نبهان خویص,الهه محمودی خالدی,حسینعلی رفیعی پور ,Novel electrochemical sensor based on NiZnFe2O4/CPE for measurement of p-coumaric acid in honey samples ,22nd National and 10th International Congress on Biology ,1 - 31 08 2022, شهرکرد .
8. مجید کمیجانی ,Isolation and characterization of lytic bacteriophage against Extensively-Drug Resistant (XDR) Escherichia coli ,Iran's 22nd International Congress of Microbiology ,1 - Tehran ,2021 08 28 .
9. الهه محمودی خالدی ,Benzoic acid and cinnamic acid derivatives in chicory honey may be associated with its specific antimicrobial activity ,Iran's 22nd International Congress of Microbiology ,1 - Tehran ,2021 08 28 .
10. سینا نره ای,مهرداد زینلیان ,The germline Pathogenic Variants in a Patient with Familial Squamous Cell Carcinoma of Breast ,14th international breast cancer congress ,1 - 20 02 2019, تهران .
11. الهه محمودی خالدی و محدثه نقادی یان مقدم،بررسی فعالیت ضد باکتریایی نمونه های عسل مختلف علیه سویه های بالینی مقاوم به آنتی بیوتیک از عفونت های تنفسی و عفونت های ادراری،۲nd international conference on medicinal plants, organic farming, natural and medicinal materials،۲۰۱۹ ۰۳ ۱۹.
12. Elaheh Mahmoodi , Khaledi , Ghusoon Faeq Abdullah Zwayen ,Antibacterial activity of natural honeys against clinical strains of Proteus spp. in Najaf, Central Iraq ,2nd international conference on medicinal plants, organic farming, natural and medicinal materials ,2019 03 19.
13. Elaheh Mahmoodi , Khaledi , Ghusoon Faeq Abdullah Zwayen ,Comparison between Iraqi and Iranian honeys in inhibition of bacterial respiratory tract infections ,2nd international conference on medicinal plants, organic farming, natural and medicinal materials ,Mashhad ,2019 03 19.
14. Detection of some virulence encoding genes in Proteus mirabilis and Proteus penneri isolated from urinary tract infections. ,The 18th International and Iranian Congress of Microbiology ,2017 8 31.
15. Virulence factors in clinical Proteus spp. isolated from urinary tract infections in Najaf, Central Iraq ,The 18 th International and Iranian Congress of Microbiology ,2017 8 31.
16. Faeq Abdullah Zwayen, G., Mahmoodi ,& Khaledi, E. ,Antimicrobial effect of different types of honey derived from Iraqi flora on clinical strains of Klebsiella pneumonia. ,2nd International and 10th National Biotechnology Congress of Islamic Republic of Iran ,2017 8 31.
17. Leyva Jimenez, FJ., Lozano , S□nchez, J., Mahmoodi , Khaledi, E. ,Antimicrobial potential of phenolic fraction in Iranian honeys. Potential ingredient for development of nutraceutical products. ,5th international conference on food digestion ,2017 4 6.
18. Mahmoodi , Khaledi, E., Lozano , S□nchez, J ,Phenolic compositions of honey and their antimicrobial effects. ,The first national congress of honey and biomolecule sciences ,2017 12 20.

19. Mahmoodi , Khaledi, E., Habibi , Rezaei, M., Moosavi , Movahedi, AA. ,Is hydrogen peroxide a considerable antimicrobial agent of all honey types? ,The 17 th International and Iranian Congress of Microbiology ,2016 8 25.
20. Mahmoodi , Khaledi, E., Habibi , Rezaei, M., Moosavi , Movahedi, AA. ,A clue to find the new antimicrobial peptides in Iranian honeys. ,The 17th International and Iranian Congress of Microbiology ,2016 8 25.

Papers in Journals

1. مینا امین,الهه محمودی خالدی,مهرداد زینلیان،مقدمه ای بر توالی یابی نسل جدید و کاربرد های آن،مجله زیست شناسی ایران،مجلد ۵،شماره صفحات ۷۴،۱۴۰۱/۰۱/۰۷ ISC.
2. محدثه نقادی یان مقدم,الهه محمودی خالدی،بررسی محتوای پروتئینی و ارتباط فعالیت آنزیمی با اثر ضد میکروبی نمونه‌های عسل ایرانی،مجله علوم و صنایع غذایی ایران،مجلد ۱۸،شماره صفحات ۳۱۹،۱۴۰۰/۰۵/۱۰ ISC، SCOPUS ,.
3. Fahime Baghbani , Arani, Mahsa Sharifan, Elahe Mahmoodi , Khaledi،Determination of Antibiotic Resistance and Molecular Characterization of Pseudomonas aeruginosa Strains Isolated from Patients with Cystic Fibrosis (CF) Referred to Gholhak Pathobiology Laboratory in Tehran City During ۲۰۱۶-۲۰۱۸،Qom University of Medical Sciences Journal،۰۵ ۱۲ ۵۵،۱۳۹۸،شماره صفحات ۱۳،مجلد ISC.
4. نرگس محمد حنیفه,سعیده کیوانی قمصری,خاطره خرسندی,الهه محمودی خالدی,Effect of gallium nitrate on the antibacterial activity of vancomycin in methicillin-sensitive and resistant Staphylococcus aureus,Archives of Microbiology,Vol. 206,pp. 1,2024 06 15,SCOPUS ,JCR.
5. نگین ابراهیمی,حسینعلی رفیعی پور,الهه محمودی خالدی,Ferulic acid detection in honey using carbon paste electrode modified by C-C3N4/Li2CoMn3O8 nanocomposite,Microchemical Journal,Vol. 203,pp. 1,2024 06 05,SCOPUS ,JCR.
6. زینب نبهان خویص,الهه محمودی خالدی,حسینعلی رفیعی پور,محسن فرهادپور,Novel electrochemical sensor based on NiZnFe2O4/CPE for measurement of p-coumaric acid in honey,Arabian Journal of Chemistry,2023 11 23,SCOPUS ,ISC ,JCR.
7. مینا امین,الهه محمودی خالدی,سینا نره ای,مهرداد زینلیان,A Novel Germline Pathogenic Variant of RECQL4 Gene in an Iranian Pedigree with Familial Squamous Cell Carcinoma: A Brief Report,Iranian Journal of Medical Sciences (IJMS),2023 02 28,SCOPUS ,ISC ,PubMed.
8. ازاده تیموری,مهشید طاهری خامنه,الهه محمودی خالدی,Major coagulation disorders and parameters in COVID-19 patients,European Journal of Medical Research,Vol. 27,2022 02 15,SCOPUS ,JCR.
9. Andrew Atiogbe Huzortey,Abbas Aref,Benjamin Anderson,Hossein Khadem,Samuel Sonko Sackey,الهه محمودی خالدی,Seyed Hassan Tavassoli,532-nm Laser-Excited Raman Spectroscopic Evaluation of Iranian Honey,FOOD ANAL METHOD,Vol. 15,pp. 772,2021 11 05,SCOPUS ,JCR.
10. Azadeh Teimury, Elahe Mahmoodi ,& Khaledi,Current Options in the Treatment of COVID-19: A Review,Risk Management and Healthcare Policy,Vol. 13,pp. 1999,2020 10 08,SCOPUS ,PubMed ,JCR.
11. Ghusoon Faeq Abdullah Zwayen, Elaheh Mahmoodi ,& Khaledi,Antimicrobial effect of different types of honey derived from Iraqi flora on clinical strains of Proteus mirabilis, Proteus vulgaris and Klebsiella pneumonia,Annals of Tropical Medicine and Public Health,Vol. 23,pp. 1,2020 07 01,SCOPUS.
12. مکی الثلیثی,الهه محمودی خالدی,احمد علیوی الحسنی,DETECTION OF qnr AND blaTEM GENES IN PROTEUS MIRABILIS AND PROTEUS PENNERI ISOLATED FROM CLINICAL SPECIMENS IN ALZAHRA HOSPITAL FOR MATERNAL AND PEDIATRICS IN AL-NAJAF GOVERNORATE, IRAQ,Biochem. Cell. Arch.,Vol. 20,pp. 1927,2020 04 01,SCOPUS.
13. Mohadese Naghadian , Moghadam , Elahe Mahmoodi , Khaledi،Investigation of protein content and the relationship between enzymatic activity and antimicrobial effect of Iranian honey samples،Iranian journal of Food Science and Technology،۱۴۰۰ ۰۵ ۰۱.
14. Mohadese Naghadian Moghadam ,& Elahe Mahmoodi Khaledi,Antibacterial activity and mechanism of action of some Iranian honeys compared to manuka honey against multidrug-resistant respiratory and urinary infections,Food Bioscience,2021 3 20.
15. Francisco Javier Leyva et al.,Potential antimicrobial activity of honey phenolic compounds against

Gram positive and Gram negative bacteria,LWT - Food Science and Technology,No. 101,pp. 236-245,2019 03 01.
16. Mahmoodi , Khaledi, E., Lozano , S□nchez, J., Bakhouche, A. et al,Physicochemical properties and biological activities of honeys from different geographical and botanical origins in Iran,European Food Research and Technology,Vol. 6,No. 243,pp. 1019-1030,2017 06 01.
17. Habibi , Rezaei, M., Mahmoodi , Khaledi, E., Moosavi , Movahedi, AA,Honey as Nutraceutical,Science cultivation,2015 6 30.
18. Mahmoodi , Khaledi, E., Kashef, N., Habibi , Rezaei, M., Moosavi , Movahedi, AA,In vitro characterization of antibacterial potential of Iranian honey samples against wound bacteria,European Food Research and Technology,2015 5 1.