Faculty Members Website
University of Tabriz

Ashraf Gholizadeh

Professor

College: Natural Science

Papers in Journals

1. coauthor،Introduction of an efficient multiepitopic vaccine against different SARS-CoV-۲ strains: Reverse Vaccinology.،Journal of Health and Biomedical Informatics،۱۰،۲۰۲۳ مجلد.
2. coauthor،پارامترهای فیزیکی و بیولوژیکی موثر در ایجاد گیاهان ترانسپلاستوم توتون به روش بمباران ذره‌ای توسط PDS-۱۰۰۰-He.،۱۰،۲۰۲۲ مجلد مهندسی ژنتیک و ایمنی زیستی،.
3. Ashraf Gholizadeh,Two N-terminally derived and expressed fatty acid binding peptides of DUF538.,Current Topics in Peptide and Protein Research,Vol. 24,2023.
4. Ashraf Gholizadeh,Effects of KISS1 structural polymorphism on the risk of polycystic ovary syndrome and reproductive hormones in Iraqi women.,Journal of International Medical Research,Vol. 51,2023.
5. Ashraf Gholizadeh,Similarity of binding potentials between plant DUf538 and animal lipocalin: Cholesterol binding ability of DUF538.,Progress in Biochemistry and Biophysics,Vol. 50,2023.
6. coauthor,The production of the first functional antibody mimetic in higher plants: the chloroplast makes the DARPin G3 for HER2 imaging in oncology.,Biological Research,Vol. 55,2022.
7. coauthor,Cellular Uptake and Apoptosis-Inducing Properties of Gemini Curcumin in Gastric Cancer Cells.,Molecular Biology Reports,Vol. 48,2021.
8. Ashraf Gholizadeh,Pectin methylesterase activity of plant DUF538 protein superfamily,Physiology and Molecular Biology of Plants,Vol. 26,2020.
9. Ashraf Gholizadeh,Purification of a ribosome-inactivating protein with antioxidation and root developer potencies from Celosia plumosa.,Physiology and Molecular Biology of Plants,Vol. 25,2019.
10. Ashraf Gholizadeh,Chlorophyll binding ability of non-chloroplastic DUF538 protein superfamily in plants.,Proceedings in National Academy of Sciences,Vol. 88,2018.
11. Ashraf Gholizadeh,Designing, docking and heterologous expression of a modified anti-HER2 affibody molecule.,Ukrainian Biochemical Journal,Vol. 1,2018.
12. Ashraf Gholizadeh,Plants water soluble chlorophyll binding proteins act as enzyme-inhibitor pairs.,Russian Journal of Plant Physiology,Vol. 64,2017.
13. Ashraf Gholizadeh,Differential expression of SINAT5 gene in growth stages of Zea mays L.,Journal of Basic and Applied Research International,Vol. 18,2016.
14. Ashraf Gholizadeh,Potential involvement of maize ribosome-inactivating protein in root development.,Bangladesh Journal of Botany,Vol. 45,2016.
15. Ashraf Gholizadeh,Differential expression of a cysteine proteinase and cystatin pair as side-by-side fusion forms in Escherichia coli .,Cytology and Genetics,Vol. 5,2016.
16. Ashraf Gholizadeh,Interaction of L-amino acids with the fusion structures of cysteine proteinase / cystatin pair.,Applied Biochemistry and Microbiology,Vol. 52,2016.

17. Ashraf Gholizadeh,DUF538 protein superfamily is predicted to be chlorophyll hydrolyzing enzymes in plants.,Physiology and Molecular Biology of Plants,Vol. 22,2016.
18. Ashraf Gholizadeh,Correlation between the chlorophyll contents and duf538 gene expression level in Celosia cristata.,Biotechnology,Vol. 12,2016.
19. Ashraf Gholizadeh,Real time based RT-PCR detection of DUF538 gene expression in drought challenged Celosia.,Biochemistry and Molecular Biology Letters,Vol. 2,2016.
20. Ashraf Gholizadeh,Differential interactions of D-amino acids with fused cysteine proteinase and cystatin pair,Applied Biochemistry and Microbiology,Vol. 51,2015.
21. Ashraf Gholizadeh,The potential involvement of D-amino acids or their metabolites in Arabidopsis cysteine proteinase/cystatin dependent proteolytic pathway.,Cytology and Genetics,Vol. 49,2015.
22. Ashraf Gholizadeh,Gene and enzymatic activities of arbidopsis D-amino acid oxidase in salty media.,Genetics and Plant Physiology,Vol. 3,2014.
23. Ashraf Gholizadeh,Maltose-binding protein switches programmed cell death in Nicotiana glutinosa leaf cells.,Cytology and Genetics,Vol. 48,2014.
24. Ashraf Gholizadeh,Molecular priming of a ribosome-inactivating protein sequence and identification of its structural homology with RNA-binding proteins.,Biochemistry,Vol. 8,2014.
25. Ashraf Gholizadeh,Dividend of lignin and non-lignin dependent protective responses in protein fraction-interacted plant tissue.,Journal of Plant Studies,Vol. 3,2014.
26. Ashraf Gholizadeh,Differential fusion expression and purification of a cystatin in two different bacterial strains.,Applied Biochemistry and Microbiology,Vol. 49,2013.
27. Ashraf Gholizadeh,Duf538 protein supper family is predicted to be the potential homologue of bactericidal/permeability increasing protein in plant system.,protein Journal,Vol. 32,2013.
28. Ashraf Gholizadeh,Molecular evidence for the contribution of methylobacteria to the pink color production in pink collard plants.,Journal of Plant Interactions,Vol. 7,2012.
29. Ashraf Gholizadeh,Comparative Fusion Expression of Maize SINAT5 in Two Different Strains of Escherichia coli.,Genetics and Molecular Research,Vol. 11,2012.
30. Ashraf Gholizadeh,Molecular analysis of maize cystatin expression as fusion product in Escherichia coli. Physiol. Mol.,Physiology and Molecular Biology of Plants,Vol. 18,2012.
31. Ashraf Gholizadeh,Over-Expresion, Purification and Functional Characterization of Celosia ClpS as a Fused Protein in Escherichia coli,Applied Biochemistry and Microbiology,Vol. 47,2011.
32. Ashraf Gholizadeh,RT-PCR Detection of COP1 and SINAT5 E3 Ubiquitin ligases Expression in Different Organs of Zea mays L,Cereal Research Communications,Vol. 39,2011.
33. Ashraf Gholizadeh,Expression of Barley Leaf Cysteine Proteinase Inhibitor as an Active Fusion Protein in Escherichia coli Cells.,Cereal Research Communications,Vol. 39,2011.
34. Ashraf Gholizadeh,Heterologous expression of stress-responsive DUF538 domain containing protein and its morpho-biochemical consequences.,Protein Journal,Vol. 30,2011.
35. Ashraf Gholizadeh,Prediction of the presence of transcriptionaly active bacterial-type transposase gene in Celosia cristata.,Australian Journal of Basic and Applied Sciences,Vol. 5,2011.
36. Ashraf Gholizadeh,Effects of drought on the activity of phenylalanine ammonia lyase in the leaves and roots of maize inbreds.,Australian Journal of Basic and Applied Sciences,Vol. 5,2011.
37. Ashraf Gholizadeh,Functional fusion expression of Sunflower multi-cysteine in Escherichia coli and its comparison with single domain cystatin.,Indian Journal of Biochemistry and Biophysics,Vol. 48,2011.
38. Ashraf Gholizadeh,Antioxidation profile in the leaves of maize inbreds: elevation in the activity of phenylalanine ammonia lyase under droyght stress.,Journal of Plant Science,Vol. 5,2010.
39. Ashraf Gholizadeh,Activation of Phenylalanine Ammonia Lyase as a key component of the antioxidation system of salt-Challenged Maize Leaves. Brazil,Brazilian Journal of Plant Physiology,Vol. 22,2010.
40. Ashraf Gholizadeh,Identification of DUF538 cDNA clone from Celosia cristata expression library in stressed and non-stressed leaves.,Russian Journal of Plant Physiology,Vol. 57,2010.

41. Ashraf Gholizadeh,Molecular evidence for the presence of methylobacterial-type Fe siderophore receptor in Celosia cristata.,Plant Soil Environment,Vol. 56,2010.
42. Ashraf Gholizadeh,Induced expression of EcoRI endonuclease as an active maltose-binding fusion protein in Escherichia coli.,Microbiology,Vol. 79,2009.
43. Ashraf Gholizadeh,Carborundum dependent entrance of EcoRI restriction enzyme into plant cells and specific cleavage of genomic DNA.,Indian Journal of Experimental Biology,Vol. 47,2009.
44. Ashraf Gholizadeh,Molecular cloning and expression in Echerichia coli of an active fused Zea mays L. D-amino acid oxidase,Biochemistry+,Vol. 74,2009.
45. Ashraf Gholizadeh,Molecular cloning of an actino- bacterial ClpS gene from Celosia cristata expression library,Russian Journal of Plant Physiology,Vol. 55,2008.
46. Ashraf Gholizadeh,Step- by Step morpho-physiological responses of Arachis hypogaea L. cv NC.2 to iron deficiency,Plant Soil Environment,Vol. 53,2007.
47. Ashraf Gholizadeh et al,Cloning and expression of a small cDNA fragment encoding a strong antiviral peptide from Celosia cristata in E. coli.,Biochemistry,Vol. 70,2005.
48. Ashraf Gholizadeh et al,Cystatins may confer viral resistance in plants by inhibition of virus-induced cell death phenomenon in which cysteine proteinases are active,Biotechnology and applied Biochemistry,Vol. 42,2005.
49. Ashraf Gholizadeh et al,Modifications in the purification protocol of Celosia cristata antiviral proteins leads to protein that can be N-terminally sequenced,Protein and Peptide Letters,pp. 11,2004.
50. Ashraf Gholizadeh et al,Antioxidant activity of antiviral proteins from Celosia cristata L,Journal of Plant Biotechnology and Biochemistry,Vol. 13,2004.