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College: Faculty of Agriculture

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Education

Degree	Graduated in	Major	University
Ph.D	2017	Bioinformatics	Tehran University

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
Jahrom, Iran	Assistant professor	On Contract	Full Time	5

Papers in Conferences

1. Behzad Hajieghrari , Mojahed Kamalizadeh, Naser Farrokhi, HORIZONTAL TRANSMISSION OF MIRNA GENES BETWEEN TWO MAIN PLANT MONOPHLETIC LINEAGES SPECIES چهارمین همایش، بینالمللی و دوازدهمین کنگره ملی بیوتکنولوژی جمهوری اسلامی ایران، ۱۴۰۰/۰۶/۰۲ - ۱۴۰۰/۰۵/۳۱.

Papers in Journals

- هادیان، ج.، م. فرزانه، س.م. فخر طباطبایی، م. ح. میرجلیلی، ح. رنجبر، ب. حاجی اقراری، شناسایی ترکیب های از منطقه جنوب خراسان و بررسی اثرات ضد قارچی آنها بر *Artemisia scoparia* و *A. aucheri* انسانس دو گونه گیاهی روی برخی قارچ های بیماری زای خاکزاد، مجله علوم کشاورزی ایران، مجلد ۳۸، شماره صفحات ۴۲۱، ۱۳۸۶-۴۳۱ حاجی اقراری، ب.، م. ب کریمیان، ا. صالحی، بیماری باکتریایی اسکب سیب زمینی: اپیدیمیولوژی و روش‌های ملکولی ۵. ردیابی و تشخیص آن، زیتون، مجلد ۱۷۲، شماره صفحات ۵۰-۵۵، ۱۳۸۵، ۵۳، ۱۳۸۵ حاجی اقراری، ب.، م. محمدی، ا. خیری و ز. تنها معافی، مقایسه الگوی پروتئین های محلول کل و فنوتیپ آیزوژیمی ۵ دراستان گیلان، مجله *Pratylenchus loof*, ۱۹۶۰ آنزیم استراز جمعیت های مختلف نماتد مولد زخم ریشه چای دانش کشاورزی، مجلد ۳، شماره صفحات ۲۲۷-۲۳۵، ۱۳۸۵، ۲۲۷-۲۳۵ حاجی اقراری، ب.، م. محمدی، ا. خیری و ز. تنها معافی، مقایسه جمعیت های نماتد زخم ریشه چای *Pratylenchus ITS-rDNA* و *D2/D3-LSU* نواحی ژنومی PCR-RFLP با غ های مناطق مختلف استان گیلان بر اساس *Loof*, ۱۹۶۰ *loosi* *rDNA*, ۹۷۲، ۱۳۸۵-۹۶۵ مجله علوم کشاورزی ایران، مجلد ۳۷، شماره صفحات ۹۷۲، ۱۳۸۵-۹۶۵ هادیان، ج.، س.م. فخر طباطبایی، پ. صالحی، ب. حاجی اقراری و م. قربان پور، بررسی فیتوشیمیایی ۵. و فعالیت بیولوژیکی آن بر روی برخی قارچ های بیماری زای گیاهی، مجله علوم کشاورزی ایران، مجلد ۳۷، شماره صفحات ۴۲۵، ۱۳۸۵-۴۳۱ *Cymbopogon parkeri* staf.

6. Behzad Hajieghrari, Naser Farrokhi, Plant RNA-mediated gene regulatory network, *Genomics*, Vol. 1, No. 114, pp. 409-422, 2022.
7. Behzad Hajieghrari, Sara Rahamanian, & Koshkaki, Plant MicroRNA Potential in Targeting Sars-CoV-2 Genome Offering Efficient Antiviral MiRNA-Based Therapies., *MicroRNA*, Vol. 3, No. 11, pp. 245 - 262, 2022.
8. Behzad Hajieghrari, Naser Farrokhi, Mojahed Kamalizadeh, Comparative phylogeny and evolutionary analysis of Dicer-like protein family in two plant monophyletic lineages, *Journal of Genetic Engineering and Biotechnology*, Vol. 103, No. 20, 2022.
9. Behzad Hajieghrari, Naser Farrokhi, Mojahed Kamalizadeh, Intuitionistic fuzzy approach improve protein multiple sequence alignment, *Network Modeling Analysis in Health Informatics and Bioinformatics*, Vol. 10, pp. 1-11, 2021.
10. Hajieghrari, B., N. Farroki, Investigation on the Conserved MicroRNA Genes in Higher Plants, *Plant Molecular Biology Reporter*, pp. 1-14, 2020.
11. Farroki, N., Hajieghrari, B., Chronicles of Dolos and Apate in Plant microRNAs, *Biologia*, 2020.
12. Montazerinezhad, S., Emamjomeh, A., Hajieghrari, B., Chromosomal abnormality, laboratory techniques, tools and databases in molecular Cytogenetics, *Molecular biology reports*, pp. 1-19, 2020.
13. Hajieghrari, B., N. Farroki, B. Goliaeи, and K. Kavousi, In silico identification of conserved miRNAs from *physcomitrella patens* ESTs and their target characterization, *Current Bioinformatics*, Vol. 12, 2019.
14. Emamjomeh A., Choobineh D., Hajieghrari B., MahdiNezhad N. and A. Khodavirdipour, DNA–protein interaction: identification, prediction and data analysis, *Molecular biology reports*, pp. 1-26, 2019.
15. Hajieghrari, B., N. Farroki, B. Goliaeи, and K. Kavousi, The role of MicroRNAs in defense against viral phytopathogens, *Physiological and Molecular Plant Pathology*, Vol. 107, pp. 8-13, 2019.
16. Shahrokh A, B Hajieghrari, Antifungal effects comparison of medicinal plants essential oil and trichoderma fungi isolates in control of the citrus fruit green mold, *Pharmacophore*, Vol. 8, pp. e-1173885, 2017.
17. Hajieghrari, B., N. Farroki, B. Goliaeи, and K. Kavousi, Computational Identification of Micro RNAs and Their Transcript Target(s) in Field Mustard (*Brassica rapa L.*), *Iranian Journal of Biotechnology*, Vol. 15, pp. 22-32, 2017.
18. Hajieghrari, B., N. Farroki, B. Goliaeи, and K. Kavousi, Identification and Characterization of Novel miRNAs in *Chlamydomonas reinhardtii* by Computational Methods, *MicroRNA*, Vol. 5, pp. 66-77, 2016.
19. Hajieghrari B. and M. Mohammadi, Growth-promoting activity of indigenous Trichoderma isolates on wheat seed germination, seedling growth and yield, *Australian Journal of Crop Science*, Vol. 10, pp. 1339-1347, 2016.
20. Hajieghrari, B., N. Farroki, B. Goliaeи, and K. Kavousi, Computational identification, Characterization and analysis of conserved miRNA and their targets in *Amborella trichopoda*., *J. Data Mining Genomics proteomics*, Vol. 6, pp. e 168, 2015.
21. Azarmi, R., Hajieghrari, B., Giglou, A, Effect of trichoderma isolates on tomato seedling growth response and nutrient uptake, *African Journal of Biotechnology*, Vol. 10, pp. 5850-5855, 2011.
22. Yalchi, T., Hajieghrari, B, Effect of fungal treatment on chemical composition and in vitro ruminal digestibility of some agricultural residues, *African Journal of Biotechnology*, Vol. 10, pp. 19707-19713, 2011.
23. Maralian, H., A. Ebadi, R. Didar Taleshmikaeil and B. Hajieghrari, Influence of water deficit stress on wheat grain yield and proline accumulation rate, *African Journal of Biotechnology*, Vol. 5, pp. 286-289, 2010.
24. Hajieghrari, B, Effect of some metal-containing compounds and fertilizers on mycoparasite Trichoderma species mycelia growth response, *African Journal of Biotechnology*, Vol. 9, pp. 4025-4033, 2010.
25. Yalchi, T. and B. Hajieghrari, Effect of Trichoderma spp. inoculation on the chemical composition and in vitro digestibility of wheat straw, *African Journal of Biotechnology*, Vol. 9, pp. 4132-4137, 2010.
26. Hajieghrari, B, Effects of some Iranian Trichoderma isolates on Maize seed germination and

- seedling vigor,African Journal of Biotechnology,Vol. 9,pp. 4342-4347,2010.
27. Azarmi, R., M. Torabi Giglou, and B. Hajieghrari,The effect of sheep-manure vermicompost on quantitative and qualitative properties of cucumber (*Cucumis sativus L.*) grown in the greenhouse,African Journal of Biotechnology,Vol. 8,pp. 4953-4957,2009.
28. Mohammadi, M. R. and B. Hajieghrari,Sugarcane Mosaic Virus; The causal agent of mosaic disease on Sorghum (*Sorghum bicolor L.*) in Tehran province of Iran,African Journal of Biotechnology,Vol. 8,pp. 5271-5274,2009.
29. Hajieghrari, B,Wheat crown and root rotting fungi in Moghan area, Northwest of Iran,African Journal of Biotechnology,Vol. 8,pp. 6214-6219,2009.
30. Davari, M. and B. Hajieghrari,Phoma negriana; a new invasive pathogen for Moghan's vineyards, Iran,African Journal of Biotechnology,Vol. 7,pp. 788-791,2008.
31. Hajieghrari, B., M. Torabi Giglou, M. R. Mohammadi and M. Davari,Biological potentiation of some Iranian Trichoderma isolates in control of soil borne plant pathogenic fungi,African Journal of Biotechnology,Vol. 7,pp. 967-972,2008.
32. Jafar Pour S., B. Hajieghrari, and A. Salehi,An in vitro study on the fungicidal effects of Percidin 535® (Per Acetic Acid 15%) against phytopathogenic fungi,Biotechnology,Vol. 7,pp. 830-832,2008.
33. Torabi & Giglou, M. and B. Hajieghrari,In vitro study on regeneration of Gladiolus grandiflorus corm calli as affected by plant growth regulators,Pakistan Journal of Biological Science,Vol. 11,pp. 1147-1151,2007.
34. Hajieghrari, B., M. Torabi Giglouand, L. Waeyenberge.,Comparative D2/D3 LSU-rDNA sequence study of some Iranian Pratylenchus loosi populations,African Journal of Biotechnology,Vol. 6,pp. 2458-2466,2007.
35. Mohammadi, M. R., M. Koohi, G.H. Mossahebi and B. Hajieghrari,Identification of prevalent poty virus on maize and johnsongrass in corn fields of Tehran province of Iran and a study on some of its properties,Agric. Appl. Biol. Sci,Vol. 71,2006.
36. Hajieghrari, B., M.R. Mohammadi and D. Hadian,Antifungal activity of Cymbopogon parkeri Stapf. essential oil on some important phytopathogenic fungi.,Agric. Appl. Biol. Sci,Vol. 71,2006.
37. Davari, M., R. Didar Taleshmikaeil and B. Hajieghrari.,Wheat Fusarium head blight and identification of dominant species in Moghan area, IRAN.,Agric. Appl. Biol. Sci,Vol. 71,pp. 1139-1147,2006.
38. Hajieghrari, B., M. Mohammadi, A. Kheiri and Z.T. Maafi,A study about geographical distribution of root lesion nematode (*Pratylenchus loosi*) in Tea gardens at Guilan province, Iran.,Agric. Appl. Biol. Sci,Vol. 70,2005.
39. Saberi , Riseh, R., B. Hajieghrari, H. Rouhani and A. Sharifi , Tehrani.,Effects of inoculum density and substrate type on saprophytic survival of *Phytophthora drachsleri*, the causal agent of gummosis (crown and root rot) on pistachio in Rafsanjan, Iran.,Agric. Appl. Biol. Sci,Vol. 69,pp. 653-656,2004.
40. Hajieghrari, B., M. Mohammadi, A. kheiri and Z.T. Maffi,Comparison of total soluble protein profile of *Pratylenchus loosi* (the lesion nematode) populations from various tea growing regions in Guilan province, North of IRANN,J. Nematol,Vol. 36,2004.

Thesis

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1. بررسی جنین زایی گل سوسن چلچراغ با استفاده از کشت بساک و مادگی
 2. تأثیر مصرف خاکی ورمی کمپوست و تلقیح با قارچ تریکودرما بر رشد و عملکرد ذرت در منطقه مغان