

YOUNES REZAEI DANESH



Full Professor

Date of Birth: 30 May 1973

Father Name: Iraj **Mother Name:** Maryam

Address: Department of Plant Protection, Faculty of Agriculture, Van Yuzuncu Yil University, Van-Türkiye

Phone +905313326606 and +989126180718,

Email: younesrezaedanesh@yyu.edu.tr and y.rdanesh@yahoo.com

ORCID ID: <https://orcid.org/0000-0003-1060-0264>

Web: <https://avesis.yyu.edu.tr/younesrezaedanesh>

Research Areas

Agricultural Sciences, Agriculture, Plant Protection, Phytopathology, Mycology, Biotechnology and Genetics, Soil and Plant Feed, Soil Biology, Life Sciences, Biotechnology, Environmental Biotechnology, Microbial Biotechnology, Environmental Biology, Environmental Pollution, Microbial Diversity, Microbiology, Mycology, Molecular Biology and Genetics, Microbial Genetics, Population Biology, Epidemiology, Population Genetics, Natural Sciences

Short Biography

I had several visiting research periods in different countries in different years. I was also worked at the Department of Plant Protection, Faculty of Agriculture, Urmia University, Iran from the year 2007. Also, I worked at the Soil, Fertilizer and Water Resources Central Research Institute in Ankara, Turkey as a leader of a HORIZON 2020 project funded by the EU during the years 2019-2021. My main scientific interests are mycology, plant pathology, and biological control with a special focus on symbiotic (mycorrhiza-, and mycorrhiza-like) as well as plant growth promoting fungi, and special emphasis on their application as eco-friendly bio-fertilizers and bio-stimulators in plants and for inducing plant resistance against different abiotic and biotic stresses. I had a series of international collaborations with Iranian, Russian, Finnish, US, Japanese, Chinese, Italian, Indian, Thai, Austrian, Turkish, and Hungarian partners. I have a list of highly ranked international scientific publications with more than 1000 citations. I also involved as the permanent member in different national and international scientific societies. I am acting as a member of the Editorial Board in several Journals. During the scientific career, I received numerous awards as the Best Researcher and Best Scientist.

Education

- PhD in Agriculture/Plant Pathology
(Tarbiat Modares University, Tehran-Iran)
(October 2007)
 - Master of Science in Agriculture/Plant Pathology
(Tarbiat Modares University, Tehran-Iran)
(June 1999)
 - Bachelor of Science in Agriculture/Plant Protection
(Ferdowsi University, Mashhad-Iran)
(June 1996)
-

Professional Appointments

- ❖ Full Professor
Van Yuzuncu Yil University, Faculty of Agriculture, Department of Plant Protection
Van-TÜRKİYE (May 2023-Present)
 - ❖ Visiting Professor
Van Yuzuncu Yil University, Faculty of Agriculture, Department of Plant Protection
Van-TÜRKİYE (January 2022-April 2023)
 - ❖ Visiting Professor
Soil, Fertilizer and Water Resources Central Research Institute
Ankara-TÜRKİYE (July 2019-December 2021)
 - ❖ Visiting Professor
Nihon University, College of Bioresource Sciences, Dept. Agricultural Bioscience
Fujisawa-JAPAN (March 2018-September 2018)
 - ❖ Faculty Member (Assistant, Associate and Full Professor)
Urmia University, Faculty of Agriculture, Department of Plant Protection
Urmia-IRAN (November 2007-June 2019)
-

Research Interests

- Symbiotic Fungi (Mycorrhiza and Mycorrhiza Like Fungi)
 - Community Structure Analysis of Soil Fungi (Endophytes, PGPFs, Pathogens)
 - Using of Beneficial Microorganisms against Biotic and Abiotic Stress Conditions
 - *In vitro* culturing of Arbuscular Mycorrhizal Fungi
 - Sustainable Plant Diseases Management
-

Publications

Published Research Papers

- 1- **Rezaee Danesh, Y.**, Mohammadi Goltapeh, E. and Rohani, H. 2001. Identification of *Trichoderma* species causing green mould in button mushroom farms, distribution and their relative abundance. *Applied Entomology and Phytopathology*. 69(1): 83-107. (In Persian with English Abstract). (ISI, ISC).
- 2- Mohammadi Goltapeh, E. and **Rezaee Danesh, Y.** 2002. Study on the losses in button mushroom yields caused by *Trichoderma* species in Iran. *Journal of Agricultural Knowledge*. 11(4): 1-15. (In Persian with English Abstract). (ISC).
- 3- Mohammadi Goltapeh, E., Asef, M., Pourjam, E. and **Rezaee Danesh, Y.** 2004. Identification of six new species of *Agaricus* in Iran. *Rostaniha*. 5(1): 77-87. (In Persian with English Abstract). (ISI, ISC, SCOPUS). (Q4 in Scimago).
- 4- **Rezaee Danesh, Y.**, Mohammadi Goltapeh, E., Alizadeh, A. and Modares Sanavi, M. 2006. Optimizing carrot hairy root production for monoxenic culture of arbuscular mycorrhizal fungi in Iran. *Journal of Biological Sciences*. 6(1): 87-91. (ISC, SCOPUS).
- 5- **Rezaee Danesh, Y.**, Mohammadi Goltapeh, E. and Alizadeh, A. 2006. Study on the growth patterns of transformed carrot hairy roots in an optimized system. *International Journal of Agricultural Technology*. 2(1): 89-97. (THAI CITATION INDEX, CABI, SCOPUS). (Q3 in Scimago).
- 6- Mohammadi Goltapeh, E. and **Rezaee Danesh, Y.** 2006. Pathogenic interaction of *Trichoderma* species with *Agaricus bisporus* mycelium. *International Journal of Agricultural Technology*. 2(1): 29-37. (THAI CITATION INDEX, CABI, SCOPUS). (Q3 in Scimago).
- 7- **Rezaee Danesh, Y.**, Mohammadi Goltapeh, E., Alizadeh, A., Varma, A. and Mukerjii, K. G. 2006. Distribution and abundance of arbuscular mycorrhizal fungi from soybean rhizosphere in Iran. *International Journal of Agricultural Technology*. 2(2): 251-257. (THAI CITATION INDEX, CABI, SCOPUS). (Q3 in Scimago).

- 8- **Rezaee Danesh, Y.** and Mohammadi Goltapeh, E. 2006. Studies on the effects of Benomyl and Carbendazim in control of *Trichoderma* green mould disease in white button mushroom. *Journal of Agricultural Knowledge*. 16(4): 157-165. (In Persian with English Abstract). (ISC).
- 9- **Rezaee Danesh, Y.**, Mohammadi Goltapeh, E., Alizadeh, A., Varma, A. and Mukerjii, K. G. 2007. Arbuscular Mycorrhizal fungi associated with alfalfa rhizosphere in Iran. *American-Eurasian Journal of Agricultural and Environmental Sciences*. 2(5): 574-580. (ISC, CABI).
- 10- **Rezaee Danesh, Y.**, Mohammadi Goltapeh, E., Alizadeh, A., Lumini, E., Bianciotto, V. and Bonfante, P. 2007. Identification of symbiotic endobacteria associated with arbuscular mycorrhizal fungus *Gigaspora margarita* in Iran. *Iranian Journal of Plant Pathology*. 43: 430-444. (In Persian with English Abstract). (ISI, ISC).
- 11- Asef, M. R., Mohammadi Goltapeh, E and **Rezaee Danesh, Y.** 2008. Antagonistic effects of *Trichoderma* species in biocontrol of *Armillaria mellea* in fruit trees in Iran. *Journal of Plant Protection Research*. 48(2): 213-222. (ISI, SCOPUS). (Q3 in Scimago).
- 12- Samavi, S., Hassanzadeh, N., Faghihi, M. M. and **Rezaee Danesh, Y.** 2009. Effects of Thyme (Zaatar) essential oil and some chemical compounds in control of citrus bacterial canker in Iran. *Journal of Plant Pathology*. 91(3): 691-696. (SCI-Expanded, SCOPUS). (Q2 in Scimago).
- 13- Darvishzadeh, R., Pirzad, A., **Rezaee Danesh, Y.** and Sarrafi, A. 2010. The resistance response of sunflower genotypes to black stem disease under controlled conditions. *Phytopathologia Meditteranea*. 49: 187-193. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 14- Zaheddabagh, G. H., Rokni, N., Mohammadi Goltapeh, E., Torabi, M., Rezaii, S. Y. and **Rezaee Danesh, Y.** 2010. The histopathological trend towards infection of wheat plants by *Septoria tritici* in province of Khuzestan, Iran. *International Journal of Agricultural Technology*. 6(3): 515-524. (THAI CITATION INDEX, CABI, SCOPUS). (Q3 in Scimago).
- 15- Zahedbagh, G. H., Rokni, N., Kiani, S., Mohammadi Goltapeh, E. and **Rezaee Danesh, Y.** 2010. Evaluation of *Botrytis cinerea* isolates for virulence on rose cut flowers in green house condition in Iran. *International Journal of Agricultural Technology*. 6(3): 525-532. (THAI CITATION INDEX, CABI, SCOPUS). (Q3 in Scimago).
- 16- Rasouli-Sadaghianii, M. H., Hassani, A., Barin, M., **Rezaee Danesh, Y.** and Sefidkon, F. 2010. Effects of AM fungi on growth, essential oil production and nutrients uptake in basil. *Journal of Medicinal Plants Research*. 4(21): 2222-2228. (SCI-Expanded, SCOPUS).

- 17- Babaeipoor, E., Mirzaei, S., **Rezaee Danesh, Y.**, Arjmandian, A. C. and Chaichi, M. 2011. Evaluation of some antagonistic bacteria in biological control of *Gaeumannomyces graminis* var *tritici* causal agent of wheat take-all disease in Iran. *African Journal of Microbiology Research*. 5(29): 5165-5173. (SCI-Expanded, SCOPUS).
- 18- Rahmanian, M., Khodaverdiloo, H., **Rezaee Danesh, Y.** and Rasouli Sadaghiani, M. H. 2011. Effects of heavy metal resistant soil microbes' inoculation and soil Cd concentration on growth and metal uptake of millet, couch grass and alfalfa. *African Journal of Microbiology Research*. 5(4): 403-410. (SCI-Expanded, SCOPUS).
- 19- Zargarzadeh, Z., Mohammadi Goltapeh, E., **Rezaee Danesh, Y.** and Mehrparvar, M. 2011. Identification of aggressive species of *Trichoderma* from button mushroom farms (*Agaricus bisporus*) using morphological and molecular methods. *Rostaniha*. 12(1): 83-90. (In Persian with English Abstract). (ISI, ISC, SCOPUS). (Q4 in Scimago).
- 20- Mirzaei, J., Akbania, M., Mohammadi Goltapeh, M., Sharifi, M. and **Rezaee Danesh, Y.** 2011. Effect of arbuscular mycorrhizae fungi on morphological and physiological characteristics of *Pistacia khinjuk* under drought stress. *Iranian Journal of Forest and Poplar Research*. 19(2): 291-300. (In Persian with English Abstract). (ISC).
- 21- Maleki Balajoo, O., Keshavarzi, M., **Rezaee Danesh, Y.**, Damyar, S. and Jaafari, M. 2011. Response of some apple genotypes from local apple collection of Iran to *Erwinia amylovora*. *Seed and Plant Journal*. 27(1): 23-36. (In Persian with English Abstract). (ISC).
- 22- Maleki Balajoo, O., Keshavarzi, M., Zahabi, A., **Rezaee Danesh, Y.** and Haghjuyan, R. 2012. Protective effect of Acibenzolar-S-Methyl on fire blight severity in quince and characterization of the *Erwinia amylovora* strains involved. *Journal of Plant Pathology*. 94(1): 211-214. (SCI-Expanded, SCOPUS). (Q2 in Scimago).
- 23- Davar, R., Darvishzadeh, R., **Rezaee Danesh, Y.**, Kholghi, M., Azizi, M. and Shah, D. 2012. Single sequence repeat markers associated with partial resistance in sunflower to *Phoma macdonaldii*. *Phytopathologia Mediterranea*. 51(3): 541-548. (SCI-Expanded, SCOPUS). (Q1 in Scimago).
- 24- Rahmanian, M., **Rezaee Danesh, Y.**, Khodaverdiloo, H., Rasouli Sadaghiani, M. H. and Barin, M. 2012. Potential of indigenous microbes as helping agents for phyto-restoration of a Pb-contaminated soil. *Caspian Journal of Environmental Sciences*. 10(2): 247-255. (SCOPUS). (Q2 in Scimago).
- 25- Sohrabi, F., Fadaei Tehrani, A., **Rezaee Danesh, Y.**, and Jamali Zavareh, A. A. H. 2012. Interaction between two arbuscular mycorrhizal fungi (*Glomus mosseae* and *Glomus intraradices*) and root-knot nematode (*Meloidogyne javanica*) in tomato. *Iranian Journal of Plant Pathology*. 48 (3): 393-401. (In Persian with English Abstract). (ISI, ISC).

- 26- Hoseiniyeh Farahani, S. H., Mirabolfathi, M., **Rezaee Danesh, Y.** and Karami Osboo, R. 2012. Effect of five essential oils on Zearalenon production and growth of *Fusarium graminearum*. *Applied Entomology and Phytopathology*. 80(1): 81-94. (In Persian with English Abstract). (ISI, ISC).
- 27- Rahmanian, M., Khodaverdiloo, H., Rasouli Sadaghiani, M. H., **Rezaee Danesh, Y.** and Barin, M. 2012. Effect of inoculation of heavy metal-resistant soil microbes on growth and uptake of lead and cadmium by three pasture crops. *Water and Soil Science (Journal of Science and Technology of Agriculture and Natural Resources)*. 15(58): 187-197. (In Persian with English Abstract). (ISC).
- 28- Mahdavi, A., **Rezaee Danesh, Y.**, Abbasi, A., Mahdavi, F and Jamaati-e-Somarin, S. 2012. Study on occurrence and diversity of Arbuscular mycorrhizal fungi associated with grapevine rhizosphere in West Azerbaijan Province in Iran. *African Journal of Microbiology Research*. 6(6): 1238-1242. (SCI-Expanded, SCOPUS).
- 29- **Rezaee Danesh, Y.** 2013. Study on the status of arbuscular mycorrhizal fungi associated with barley in Damghan region, Iran. *Iranian Plant Protection Research*. 26(4): 437-449. (In Persian with English Abstract). (ISC).
- 30- Mirzaei, J., Akbarinia, M., Mohammadi Goltapeh, E., Sharifi, M. and **Rezaee Danesh, Y.** 2013. Classification of *Pistacia atlantica* and *P. khinjuk* sites in Ilam based on environmental factors and arbuscular mycorrhizal fungi. *Journal of Plant Research*. 26(3): 341-351. (In Persian with English Abstract). (ISC).
- 31- Ghorbany, M., Rouhani, H., Mahdikhani Moghaddam, E., **Rezaee Danesh, Y.** and Mirshamsi, A. 2013. Evaluation of resistance caused by arbuscular mycorrhizal fungi against root knot nematode (*Meloidogyne javanica*) in tomato (*Lycopersicon esculentum* Mill.). *Iranian Plant Protection Research*. 27(3): 286-293. (In Persian with English Abstract). (ISC).
- 32- Amouzadeh, M., Darvishzadeh, R., Haddadi, P., Abdollahi Mandoulakani, B. and **Rezaee Danesh, Y.** 2013. Genetic analysis of partial resistance to basal stem rot (*Sclerotinia sclerotiorum*) in sunflower. *Genetika-Belgrade*. 45(3): 737-748. (SCI-Expanded, SCOPUS). (Q3 in Scimago).
- 33- Khorshidi Kashani, K., Mirabolfathy, M. and **Rezaee Danesh, Y.** 2013. Fusarium root and crown rot disease of turfgrass. *Iranian Journal of Forest and Range Protection Research*. 11(1): 31-45. (Farsi with English Abstract). (ISC).
- 34- Sohrabi, F., Fadaii Tehrani, A. A. and **Rezaee Danesh, Y.** 2014. Effect of arbuscular mycorrhizal fungi (*Glomus mosseae* and *Glomus intraradices*) on different levels of population of root-knot nematode (*Meloidogyne javanica*) in tomato. *Iranian Plant Protection Research*. 28(2): 203-210. (In Persian with English Abstract). (ISC).

- 35- Sohrabi, F., Fadaii Tehrani, A. A. and **Rezaee Danesh, Y.** 2015. Study on the chitinase changes in interaction of arbuscular mycorrhizal fungus (*Glomus mosseae*) and root-knot nematode (*Meloidogyne javanica*) on tomato. *Iranian Plant Protection Research*. 29(3): 349-356. (In Persian with English Abstract). (ISC).
- 36- **Rezaee Danesh, Y.** 2015. Truffles: What we know and what should we know. *International Journal of Agricultural Technology*. 11(8): 2111-2117. (THAI CITATION INDEX, CABI, SCOPUS). (Q3 in Scimago).
- 37- Saeidi, H. R., Akbarian, M., Goltapeh, E. M., Hosseiny, S. M. and **Rezaee Danesh, Y.** 2015. Change in abundance of arbuscular mycorrhizal fungi (AMF) and its relation to plant biodiversity in different forest types (Case study: Bineshki district; Mazandaran). *Journal of Plant Research*. 28(5): 1006-1016. (In Persian with English Abstract). (ISC).
- 38- **Rezaee Danesh, Y.** 2015. The *Piriformospora indica*, magic fungus and its role on sustainable agriculture. *International Journal of Agricultural Technology*. 11(2): 517-523. (THAI CITATION INDEX, CABI, SCOPUS). (Q3 in Scimago).
- 39- **Rezaee Danesh, Y.,** Najafi, S. and Demir, S. 2016. Using *in vitro* culturing technique for studying life cycle of arbuscular mycorrhizal fungus (AMF) *Glomus intraradices*. *Yuzuncu Yil University Journal of Agricultural Sciences*. 26(2): 161-167. (ISI, ISC, SCOPUS). (Q3 in Scimago).
- 40- Ghanbarzadeh, B., Safaie, N., Mohammadi Goltapeh, E., **Rezaee Danesh, Y.** and Khelghatibana, F. 2016. Biological control of Fusarium basal rot of onion using *Trichoderma harzianum* and *Glomus mosseae*. *Journal of Crop Protection*, 5(3): 359-368. (ISC, SCOPUS). (Q3 in Scimago).
- 41- Heidari, Z., Nazarideljou, M. J., **Rezaee Danesh, Y.** and Khezzinejad, N. 2016. Morphophysiological and Biochemical Responses of *Zinnia elegans* to Different Irrigation Regimes in Symbiosis with *Glomus mosseae*. *International Journal of Horticultural Science and Technology*. 3(1): 19-32. (ISC, SCOPUS). (Q2 in Scimago).
- 42- **Rezaee Danesh, Y.,** Demir, S. and Najafi, S. 2017. Study on antifungal effects of several essential oils against *Botrytis cinerea* and *Rhizopus stolonifer*. *Oxidation Communications*. 40(1): 195-208. (SCOPUS). (Q3 in Scimago).
- 43- **Rezaee Danesh, Y.,** Ghiyasi, M., Najafi, S. and Amirnia, R. 2017. Effect of microwave radiation on the germination and growth characteristics of maize (*Zea mays*). *Oxidation Communications*. 40(3): 1157-1166. (SCOPUS). (Q3 in Scimago).
- 44- Khezzinejad, N. and **Rezaee Danesh, Y.** 2017. Identification of *Fusarium* species associated with wheat, barley and corn in west Azarbaijan province, Iran. *Agroecology Journal*. 12(4): 49-61. (ISC, CABI).

- 45- Amirnia, R., Fazeli Manesh, M., **Rezaee Danesh, Y.**, Najafi, S., Seyyedi, N. and Ghiyasi, M. 2017. Karyological Study on Tehran Ecotype of Moldavian Balm (*Dracocephalum moladavica* L.). *Journal of Molecular Biology and Biotechnology*. 1(1): 29-31.
- 46- Amirnia, R., Akbari Varzeghan, H., **Rezaee Danesh, Y.**, Najafi, S., Seyyedi, N. and Ghiyasi, M. 2017. Karyological Study on Urmia Ecotype of Moldavian Balm (*Dracocephalum moladavica* L.). *Journal of Molecular Biology and Biotechnology*. 1(1): 26-28.
- 47- **Rezaee Danesh, Y.** and Tufenkci, S. 2017. *In vitro* culturing of mycorrhiza and mycorrhiza like fungi. *International Journal of Agricultural Technology*. 13(7.2): 1675-1689. (THAI CITATION INDEX, CABI, SCOPUS). (Q3 in Scimago).
- 48- Nokam, M., **Rezaee Danesh, Y.**, Ghoosta, Y and Rasouli Sedghiani, M.H. 2019. Species Identification of ArbuscularMycorrhizal Fungi in the Sunflower Rhizosphere in West Azerbaijan Province and Investigating the Effect of the Some Physicochemical Characteristics of Soil on Their Population. *World Journal of Environmental Biosciences*. 8(2): 49-58. (ISI).
- 49- Zahedipour, P., Asghari, M., Abdollahi, B., Alizadeh, M and **Rezaee Danesh, Y.** 2019. A comparative study on quality attributes and physiological responses of organic and conventionally grown table grapes during cold storage. *Scientia Horticulturae*. 247: 86-95. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 50- **Rezaee Danesh, Y.**, Mokaram Hesar, A. and Ghaderi, R. 2020. Integrative taxonomy of the willow cyst nematode, *Heterodera salixophila* Kirjanova, 1969, a new record of Humuli group from Iran. *Nematology*. 23(1): 57-67. (SCI Expanded, SCOPUS). (Q2 in Scimago).
- 51- Attri, M. K., **Rezaee Danesh, Y.** and Varma, A. 2020. Impact Of Nano Embedded Symbiotic Fungus On Black Rice (*Oryza Sativa* L. Indica)– With High Medicinal Value. *European Journal of Biomedical and Pharmaceutical Sciences*. 7 (11): 124-132.
- 52- Soyong, K., Unthuraloet, K. and **Rezaee Danesh, Y.** 2020. *Serratia marcescens* KMITL2020 as a plant growth stimulant and bacterial antagonist to control brown leaf spot of rice caused by *Drechslera oryzae*. *International Journal of Agricultural Technology*. 16(16): 1515-1526. (THAI CITATION INDEX, CABI, SCOPUS). (Q3 in Scimago).
- 53- **Rezaee Danesh, Y.** and Demir, S. 2020. Using DNA Barcoding in Fungal Taxonomy. *Yuzuncu Yil University Journal of Agricultural Sciences*. 30: 989-997 (ISI, ISC, SCOPUS). (Q3 in Scimago).
- 54- **Rezaee Danesh, Y.**, Rastgou, M. and Kariman, K. 2021. Phenotypic and molecular characterization of the bacterial causal agents of sugar beet soft rot and vascular necrosis disease in Southeastern Iran. *International Journal of Agricultural Technology*. 17(6): 2487-2502. (THAI CITATION INDEX, CABI, SCOPUS). (Q3 in Scimago).

- 55- Dilsiz, A., **Rezaee Danesh, Y.**, Sagun, Ç., Kaya Özdoğan, D. and Koyuncu, N. 2021. Study on status of arbuscular mycorrhizal fungal populations in some pastures of Turkey. *International Journal of Agricultural Technology*. 17(6): 2473-2486. (THAI CITATION INDEX, CABI, SCOPUS). (Q3 in Scimago).
- 56- Boyno, G., Demir, S. and **Rezaee Danesh, Y.** 2022. Effects of some biological agents on the growth and biochemical parameters of tomato plants infected with *Alternaria solani* (Ellis & Martin) Sorauer. *European Journal of Plant Pathology*. 162: 19-29. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 57- **Rezaee Danesh, Y.**, Kariman, K., Keskin, N. and Najafi, S. 2022. Characterization of arbuscular mycorrhizal fungal communities associated with vineyards in northwestern Iran. *Turkish Journal of Agriculture and Forestry*. 46(3): 271-279. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 58- Rastgou, M., **Rezaee Danesh, Y.**, Ercisli, S., Sayyed, R.Z., El Enshasy, H.A., Dailin, D.J., Alfarraj, S. Ansari. M.J. 2022. The Effect of Some Wild Grown Plant Extracts and Essential Oils on *Pectobacterium betavascularum*: The Causative Agent of Bacterial Soft Rot and VascularWilt of Sugar Beet. *Plants*. 11: 1155. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 59- Karimi, G., Pourakbar, L., Siavash Moghaddam, S., **Rezaee Danesh, Y.** Djordjević, J.P. 2022. Effectiveness of fungal bacterial biofertilizers on agrobiological attributes of quinoa (*Chenopodium quinoa* willd.) under salinity stress. *International Journal of Environmental Science and Technology*. 19: 11989–12002. <https://doi.org/10.1007/s13762-022-04427-x>. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 60- Hesar, A.M., Rostami, M., Ghaderi, R., **Rezaee Danesh, Y.**, Jalal, A., da Silva Oliveira, C.E., Teixeira Filho, M.C.M. 2022. Population Genetic Structure of *Meloidogyne javanica* Recovered from Different Regions of Iran. *Agriculture*. 12(9): 1374. <https://doi.org/10.3390/agriculture12091374>. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 61- Manteghi, A., **Rezaee Danesh, Y.**, Mokaram Hesar, A., Demir, S., Boyno, G., Catani, L., Semprucci, F. 2022. Is the arbuscular mycorrhizal fungus, *Funneliformis mosseae*, a suitable agent to control criconematids populations? *Diversity*. 14(11): 898. <https://doi.org/10.3390/d14110898>. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 62- **Rezaee Danesh, Y.**, Pellegrini, M., Kariman, K., Boyno, G., Djebaili, R., Farda, B., Najafi, S. 2022. Genetic diversity of *Trichoderma harzianum* isolates in sunflower rhizosphere: the application of the URP molecular marker. *Sustainability*. 14: 15111. <https://doi.org/10.3390/su142215111>. (SCI Expanded, SCOPUS). (Q1 in Scimago).

- 63- Tunçtürk, M., [Rezaee Danesh, Y.](#), Tunçtürk, R., Oral, E., Najafi, S., Nohutçu, L., Jalal, A., Oliveira, C.E.D.S., Filho, M.C.M.T. 2023. Safflower (*Carthamus tinctorius* L.) response to cadmium stress: morpho-physiological traits and mineral concentrations. *Life*. 13(1): 135. <https://doi.org/10.3390/life13010135>. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 64- Ghiyasi, M., [Rezaee Danesh, Y.](#), Amirnia, R., Najafi, S., Mulet, J.M., Porcel, R. 2023. Foliar applications of ZnO and its nanoparticles increase Saf-flower (*Carthamus tinctorius* L.) growth and yield under water stress. *Agronomy*. 13(1): 192. <https://doi.org/10.3390/agronomy13010192>. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 65- Khoshru, B., Nosratabad, A.F., Mitra, D., Chaithra, M., [Rezaee Danesh, Y.](#), Boyno, G., Chattaraj, S., Priyadarshini, A., Anđelković, S., Pellegrini, M., Guerra-Sierra, B.E., Sinha, S. 2023. Rock Phosphate Solubilizing Potential of Soil Microorganisms: Advances in Sustainable Crop Production. *Bacteria*. 23(2): 98-115. <https://doi.org/10.3390/bacteria2020008>.
- 66- Taghvaei, M., Maleki, H., Najafi, S., Hassani, H. S., [Rezaee Danesh Y.](#), Farda, B., Pace, L. 2023. Using Chromosomal Abnormalities and Germination Traits for the Assessment of *Triticopyrum* Amphiploid Lines under Seed-Aging and Germination Priming Treatments. *Sustainability*. 15(12): 9505. <https://doi.org/10.3390/su15129505>. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 67- Boyno, G., Demir, S., [Rezaee Danesh, Y.](#), Durak, E.D., Çevik, R., Farda, B., Djebaili, R., Pellegrini, M. 2023. A New Technique for the Extraction of Arbuscular Mycorrhizae Fungal Spores from Rhizosphere. *Journal of Fungi*. 9: 845. <https://doi.org/10.3390/jof9080845>. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 68- Demir, S., Demirer Durak, E., Güneş, H., Boyno, G., Mulet, J.M., [Rezaee Danesh, Y.](#), Porcel, R. 2023. Biological Control of Three Fungal Diseases in Strawberry (*Fragaria × ananassa*) with Arbuscular Mycorrhizal Fungi. *Agronomy*. 13: 2439. <https://doi.org/10.3390/agronomy13092439>. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 69- Boyno, G., [Rezaee Danesh, Y.](#), Demir, S., Teniz, N., Mulet, J.M., Porcel, R. 2023. The complex interplay between arbuscular mycorrhizal fungi and strigolactone: mechanisms, synergies, applications and future directions. *International Journal of Molecular Sciences*. 24, 16774. <https://doi.org/10.3390/ijms242316774>. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 70- Yağmur, A., Demir, S., Canpolat, S., [Rezaee Danesh, Y.](#), Farda, B., Djebaili, R., Pace, L., Pellegrini, M. 2024. Onion *Fusarium* Basal Rot Disease Control by Arbuscular Mycorrhizal Fungi and *Trichoderma harzianum*. *Plants*. 13(3): 386. <https://doi.org/10.3390/plants13030386>. (SCI Expanded, SCOPUS). (Q1 in Scimago).

- 71- Hatami Maleki, H., Pournalibaba, H.R., Ghiasi, R., Mahmodi, F., Sabaghnia, N., Samadi, S., Zeinalzadeh-Tabrizi, H., **Rezaee Danesh, Y.**, Farda, B., Pellegrini, M. 2024. Exploring resistant sources of chickpea against *Fusarium oxysporum* f. sp. *ciceris* in dryland areas. *Agriculture*. 14(6): 824. <https://doi.org/10.3390/agriculture14060824>. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 72- Castello, I., D'Emilio, A., **Rezaee Danesh, Y.**, Vitale, A. 2024. Enhancing the effects of solarization-based approaches to suppress *Verticillium dahliae* inocula affecting tomato in greenhouse. *Journal of Agriculture and Food Research*. 18: 101355. <https://doi.org/10.1016/j.jafr.2024.101355>. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 73- Demir, S., Boyno, G., **Rezaee Danesh, Y.**, Teniz, N., Calayır, O., Çevik, R., Farda, B., Sabbi, E., Djebaili, Ercole, C., Pellegrini, M., Calzarano, F. 2024. Preliminary Insights into Sustainable Control of *Solanum lycopersicum* Early Blight: Harnessing Arbuscular Mycorrhizal Fungi and Reducing Fungicide Dose. *Agronomy*. 14: 2521. <https://doi.org/10.3390/agronomy14112521>. (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 74- Ghiyasi, M., **Rezaee Danesh, Y.**, Amirnia, R., Sharifi, L., Najafi, S., Mulet, J.M., Porcel, R. 2024. Machine Learning Insights into Ascorbic Acid-Enhanced Germination of Black Cumin (*Nigella sativa* L.) under Cadmium Stress. *Journal of Plant Growth Regulation*. <https://doi.org/10.1007/s00344-024-11536-z> (SCI Expanded, SCOPUS). (Q1 in Scimago).
- 75- Tunçtürk, R., Tunçtürk, M., **Rezaee Danesh, Y.**, Najafi, S. and Toprak, T. 2024. The effects of *Glomus intraradices* on seedling growth parameters of sage (*Salvia officinalis* L.) under salinity stress conditions. *International Journal of Agricultural Technology*. 20(6):2579-2588. (THAI CITATION INDEX, CABI, SCOPUS). (Q3 in Scimago).
- 76- Tunçtürk, R., Oral, E., Tunçtürk, M., Nohutçu, L., Najafi, S., **Rezaee Danesh, Y.**, Farda, B. and Pace, L. 2024. Ascorbic Acid Enhances Growth and Dualex Parameters in *Arachis hypogaea* L. Under Salt Stress. *Discover Sustainability*. (Accepted for Publication) (SCI Expanded, SCOPUS). (Q2 in Scimago).

Books and Book Chapters

- 1- Mohammadi Goltapeh, E., **Rezaee Danesh, Y.**, Prasad, R. and Varma, A.2008. Mycorrhizal Fungi: What We Know and What Should We Know? In: *Mycorrhiza: State of the Art, Genetics and Molecular Biology, Eco-Function, Biotechnology, Eco-Physiology, Structure and Systematics*. (A. Varma, ed.). 3rd Edition. Springer-Verlag, Berlin, Pp. 3-29.
- 2- Mohammadi Goltapeh, E., **Rezaee Danesh, Y.**, Kamal, S. and Varma, A. 2009. Biology and Molecular Approaches in Genetic Improvement of Cultivated Button Mushroom (*Agaricus bisporus*). In: *Symbiotic Fungi: Principles and Practice*. (A. Varma & A. C. Kharkwal, eds.). Springer Verlag, Berlin, Pp. 403-423.

- 3- Mohammadi Goltapeh, E., **Rezaee Danesh, Y.** and Varma, A. 2013. *Fungi as Bioremediators*. Springer Verlag, Berlin. 489P.
- 4- **Rezaee Danesh, Y.**, Tajbakhsh, M., Mohammadi Goltapeh, E. and Varma, A. 2013. Mycoremediation of Heavy Metals. In: *Fungi as Bioremediators*. (E. Mohammadi Goltapeh, Y. Rezaee Danesh & A. Varma, eds.). Springer Verlag, Berlin, Pp. 245-267.
- 5- Jafari, M., **Rezaee Danesh, Y.**, Mohammadi Goltapeh, E. and Varma, A. 2013. Bioremediation and Genetically Modified Organisms. In: *Fungi as Bioremediators*. (E. Mohammadi Goltapeh, Y. Rezaee Danesh & A. Varma, eds.). Springer Verlag, Berlin, Pp. 433-451.
- 6- Jafari, M., **Rezaee Danesh, Y.** and Ghoosta, Y. 2013. Molecular Techniques in Fungal Bioremediation. In: *Fungi as Bioremediators*. (E. Mohammadi Goltapeh, Y. Rezaee Danesh & A. Varma, eds.). Springer Verlag, Berlin, Pp. 453-465.
- 7- Mohammadi Goltapeh, E., **Rezaee Danesh, Y.** and Mirzaei, S. 2011. Mycorrhizas (Anatomy and Cell Biology). Edited by: R. L. Peterson, H. B. Massicotte and L. H. Melville. (Translated in Persian).
- 8- **Rezaee Danesh, Y.**, Demir, S., Najafi, S. and Sagun, C. 2021. The Role Of Plant Growth Promoting Bacteria In Sustainable Plant Disease Management. In: *Biopesticides in Organic Farming: Recent Advances*. (L.P. Awasthi, Ed.). CRC Press, Boca Raton, FL. USA. Pp. 65-71.
- 9- Demir, S., **Rezaee Danesh, Y.**, Boyno, G. and Najafi, S. 2022. Arbuscular mycorrhizal fungi in biotic and abiotic stress conditions: function and management in horticulture. In: *Sustainable Horticulture: Microbial Inoculants and Stress Interaction*. (M. Seymen., E.S. Kurtar., C. Erdinc & A. Kumar, eds.). Academic Press, London, UK, Pp. 157-171.
- 10- Demir, S., **Rezaee Danesh, Y.**, Demirer Durak, E., Najafi, S. and Boyno, G. 2024. Arbuscular mycorrhizal fungi in sustainable agriculture. In: *Sustainable Agricultural Practices*. (A. Kumar, J. F. White, J. Singh eds.). Academic Press, London, UK. Pp. 71-100.
- 11- **Rezaee Danesh, Y.**, Pellegrini, M., Akköprü, A., Farda, B., Boyno, G. and Djebaili, R. 2024. Plant growth-promoting rhizobacteria (PGPR): their potential as biological control agents in sustainable agriculture. In: *Sustainable Agricultural Practices*. (A. Kumar, J. F. White, J. Singh eds.). Academic Press, London, UK. Pp. 145-160.

Congress Abstracts and Full Papers

- 1- **Rezaee Danesh, Y.**, Mohammadi Goltapeh, E., Alizadeh, A., Varma, A. and Mukerjii, K. G. 2006. The distribution of vesicular-arbuscular mycorrhizal fungi from soybean rhizosphere in Iran. *5th International Symbiosis Congress*. Aug. 2006, Vienna, Austria.
- 2- **Rezaee Danesh, Y.**, Mohammadi Goltapeh, E., Alizadeh, A., Varma, A. and Mukerjii, K. G. 2006. Study on status of arbuscular-mycorrhizal fungal species associated with legumes in Iran. *5th International Symbiosis Congress*. Aug. 2006, Vienna, Austria.
- 3- Kariman, K., Mohammadi Goltapeh, E., Minasian, V., Pakdaman, B. and **Rezaee Danesh, Y.** 2006. Evidence on mycoparasitism in spores of AM fungi isolated from sugarcane fields of Iran. *5th International Symbiosis Congress*. Aug. 2006, Vienna, Austria.
- 4- Rokni, N., Mohammadi Goltapeh, E. and **Rezaee Danesh, Y.** 2008. Three new species of arbuscular mycorrhizal fungi associated with sugarcane rhizosphere in Khuzestan province. *18th Iranian Plant Protection Congress*. 24-27 Aug, Hamadan, Iran. P. 634.
- 5- Ebrahimzadeh, A., Mohammadi Goltapeh, E. and **Rezaee Danesh, Y.** 2008. Study on causal agent of apricot decline of Marand orchards in Iran. *18th Iranian Plant Protection Congress*. 24-27 Aug, Hamadan, Iran. P. 407.
- 6- Sedaghati Khervi, E., Mohammadi Goltapeh, E., Minasian, V. and **Rezaee Danesh, Y.** 2008. New species of *Sclerocystis* (= *Glomus*) associated with grapevine rhizosphere in Khorasan and Ghazvin provinces. *18th Iranian Plant Protection Congress*. 24-27 Aug, Hamedan, Iran. P. 643.
- 7- **Rezaee Danesh, Y.**, Mohammadi Goltapeh, E. and Bonfante, P. 2008. *In vitro* study on life cycle of arbuscular mycorrhizal fungus *Glomus intraradices*. *18th Iranian Plant Protection Congress*. 24-27 Aug, Hamadan, Iran. P. 633.
- 8- **Rezaee Danesh, Y.** and Rasouli Sadaghiani, M. H. 2008. Molecular detection of arbuscular mycorrhizal fungus *Glomus mosseae* using specific primer. *International Meeting on Soil Fertility, Land Management and Agro climatology.*, 20 October-1 November, Kusadasi-Turkey. P. 123.
- 9- **Rezaee Danesh, Y.** and Mukerjii, K. G. 2008. Four new species of arbuscular mycorrhizal fungi in legume rhizosphere of Iran. *International Meeting on Soil Fertility, Land Management and Agro climatology.*, 20 October-1 November, Kusadasi-Turkey. P. 122.
- 10- Rasouli Sadaghiani, M. H., Barin, M. and **Rezaee Danesh, Y.** 2009. Using of organic wastes for nitrogen supply in sustainable agriculture and environment protection. *The 3rd National Conference on World Environment Day.*, 8-9 June, Tehran-Iran.

- 11- Mohammadi Goltapeh, E., [Rezaee Danesh, Y.](#) and Jafari, M. 2010. Comparative effectiveness of cattle manure spent mushroom compost and chemical fertilizer on fennel yield, yield components and nutrient uptake under drought stress. *Indo-Italian Workshop on Bacteria and Fungi for Environmental Sustainability.*, 29-30 Nov, Amity Institute of Microbial Technology, Amity University, India.
- 12- [Rezaee Danesh, Y.](#), Mohammadi Goltapeh, E. and Jafari, M. 2010. Potential of Mycorrhiza like fungi and *Trichoderma* species in bio control of take-all disease of wheat under greenhouse condition. *Indo-Italian Workshop on Bacteria and Fungi for Environmental Sustainability.*, 29-30 Nov, Amity Institute of Microbial Technology, Amity University, India.
- 13- Mohammadi Goltapeh, E., [Rezaee Danesh, Y.](#) and Jafari, M. 2010. Effect of fungi *Piriformospora indica* under two system manures on yield and yield components of fennel (*Foeniculum vulgare* Mill) at drought stress conditions. *Indo-Italian Workshop on Bacteria and Fungi for Environmental Sustainability.*, 29-30 Nov, Amity Institute of Microbial Technology, Amity University, India.
- 14- Mohammadi Goltapeh, E., [Rezaee Danesh, Y.](#) and Jafari, M. 2010. Effects of different green manures and mycorrhizal on soil biological properties, grain yield and seed quality of sunflower (*Helianthus annuus* L.). *Indo- Italian Workshop on Bacteria and Fungi for Environmental Sustainability.*, 29-30 Nov, Amity Institute of Microbial Technology, Amity University, India.
- 15- Mohammadi Goltapeh, E., [Rezaee Danesh, Y.](#) and Jafari, M. 2010. Potential effect of *Piriformospora indica* and *Sebacina vermifera* on plant growth in brassicaceae under greenhouse condition. *Indo-Italian Workshop on Bacteria and Fungi for Environmental Sustainability.*, 29-30 Nov, Amity Institute of Microbial Technology, Amity University, India.
- 16- [Rezaee Danesh, Y.](#), Mohammadi Goltapeh, E. and Jafari, M. 2010. Study on life cycle of arbuscular mycorrhizal fungus *Glomus intraradices* using *in vitro* culturing technique. *Indo-Italian Workshop on Bacteria and Fungi for Environmental Sustainability.*, 29-30 Nov, Amity Institute of Microbial Technology, Amity University, India.
- 17- [Rezaee Danesh, Y.](#), Ghanepur, M. T., Rasouli Sadaghiani, M. H. and Barin, M. 2010. Occurrence of arbuscular mycorrhizal fungal species in rhizosphere of some desert plants of Semnan province in Iran. *International Soil Science Congress on Management of Natural Resources to Sustain Soil Health and Quality.* 26-28 May, Turkey. Pp. 1189-1192.

- 18- Barin, M., Rasouli Sadaghiani, M. H. and **Rezaee Danesh, Y.** 2010. The effect of using organic matter and sulfur on decreasing chemical fertilizer application according to sustainable agriculture. *International Soil Science Congress on Management of Natural Resources to Sustain Soil Health and Quality*. 26-28 May, Turkey. Pp. 892-894.
- 19- Darvishzadeh, R., **Rezaee Danesh, Y.**, Abdollahi Mandoulakani, B. and Sarrafi, A. 2010. Study on host pathogen interaction using Median Polish technique. *19th Iranian Plant Protection Congress*. 31 July-3 August, P. 375.
- 20- Shokatifar, M., **Rezaee Danesh, Y.**, Asghari, H. R., Darvishzadeh, R. and Mukerjii, K. G. 2010. Identification of arbuscular mycorrhizal fungi associated with pistachio roots in Damghan region. *19th Iranian Plant Protection Congress*. 31 July-3 August, P. 280.
- 21- Amirabdollahian, N., Darvishnia, M., **Rezaee Danesh, Y.**, Abdollahi Mandoulakani, B. and Darvishzadeh, R. 2010. Report of three new species of *Fusarium* for mycoflora of Iran. *19th Iranian Plant Protection Congress*. 31 July-3 August, P. 37.
- 22- Ghanepur, M. T., **Rezaee Danesh, Y.**, Asghari, H. R., Eskandari, A. and Mukerjii, K. G. 2010. Identification three new species of arbuscular mycorrhizal fungi associated with *Zygophyllum*, *Haloxylon* and *Ephedra* roots in Iran. *19th Iranian Plant Protection Congress*. 31 July-3 August, P. 136.
- 23- Ramesh, N., **Rezaee Danesh, Y.**, Rasouli Sadaghiani, M. H., Barin, M. and Mukerjii, K. G. 2010. Report of two new *Glomus* species for mycoflora of Iran. *19th Iranian Plant Protection Congress*. 31 July-3 August, P. 91.
- 24- Maleki Balajoo, O., Keshavarzi, M., **Rezaee Danesh, Y.** and Jafari. M. 2010. Evaluation of Iranian native apple cultivars and genotypes resistance against fire blight. *19th Iranian Plant Protection Congress*. 31 July-3 August, P. 535.
- 25- Janani, A., **Rezaee Danesh, Y.**, Asghari, H. R., Eskandari, A. and Mukerjii, K. G. 2010. Report of two new arbuscular mycorrhizal fungal species in Thyme rhizosphere from Semnan province. *19th Iranian Plant Protection Congress*. 31 July-3 August, P. 73.
- 26- Meshkat, E., Hatami, A., Pirzad, A., **Rezaee Danesh, Y.** and Mehrabi, A. A. 2010. The effect of three mycorrhizal fungi species on water use efficiency of German chamomile under different irrigation regimes. *16th National and 4th International Conference of Biology*. 14-16 Sep. P. 1513.
- 27- Meshkat, E., Hatami, A., Pirzad, A., **Rezaee Danesh, Y.** and Mehrabi, A. A. 2010. The effect of mycorrhizal fungi on dry flower yield and essence of German chamomile under different irrigation regimes. *11th Iranian Crop Science Congress*. 24-26 July. Pp: 1795-1798.

- 28- Meshkat, E., Hatami, A., Pirzad, A., **Rezaee Danesh, Y.** and Mehrabi, A. A. 2010. The effect of three mycorrhizal fungi species on morphology and capitol production of German chamomile under water stress conditions. *The 4th Regional Congress on Advances in Agricultural Research (West of Iran)*. 12-13 May. Pp: 802-805.
- 29- Rahmanian, M., Khodaverdiloo, H., **Rezaee Danesh, Y.** and Rasouli Sadaghiani, M. H. 2010. Evaluation of millet (*Pennisetum glaucum*) potential in remediation of soil cadmium and lead. *The 4th National Conference on World Environment Day*. 8-9 June, Tehran-Iran.
- 30- Rahmanian, M., Khodaverdiloo, H., **Rezaee Danesh, Y.** and Rasouli Sadaghiani, M. H. 2010. Study on soil microbial population in phyto-remediation of lead and cadmium polluted soil by alfalfa. *The 4th National Conference on World Environment Day*. 8-9 June, Tehran-Iran.
- 31- Rahmanian, M., Khodaverdiloo, H., Rasouli Sadaghiani, M. H. and **Rezaee Danesh, Y.** 2010. Assessing the ability of alfalfa (*Medicago sativa*) for remediation of a Cd and Pb contaminated soil. *International Scientific Conference Devoted to the 65th Anniversary of the U. U. Uspanov, Institute of Soil Science and Agrochemistry*. Sep 15-16, Republic Kazakhstan. Pp. 467-471.
- 32- Jafari, M. and **Rezaee Danesh, Y.** 2011. A rapid and high-efficiency *Agrobacterium*-mediated transformation system for annual alfalfa, *Medicago scutellata*. *1st National Agriculture Congress and Exposition on Behalf of Ali Numan Kirac with International Participation*. April 27-30, Eskisehir, Turkey. Pp: 2761-2767.
- 33- Meshkat, E., Hatami, A., Pirzad, A., **Rezaee Danesh, Y.** and Mehrabi, A. A. 2011. Growth analysis of German chamomile at symbiosis with three species of mycorrhizal fungi under water stress condition. *1st National Agriculture Congress and Exposition on Behalf of Ali Numan Kirac with International Participation*. April 27-30, Eskisehir, Turkey. Pp: 841-845.
- 34- Jafari, M. and **Rezaee Danesh, Y.** 2011. Remediation and restoration of pollutant environments: plants and microorganisms as paramount bio-operators. *1st National Agriculture Congress and Exposition on Behalf of Ali Numan Kirac with International Participation*. April 27-30, Eskisehir, Turkey. Pp: 263-267.
- 35- Rahmanian, M., Khodaverdiloo, H., **Rezaee Danesh, Y.** and Rasouli Sadaghiani, M. H. 2011. Phytotoxicity of cadmium and lead on some pasture crops as affected by introduction of indigenous arbuscular mycorrhizal fungi. *1st National Agriculture Congress and Exposition on Behalf of Ali Numan Kirac with International Participation*. April 27-30, Eskisehir, Turkey. Pp: 253-256.

- 36- **Rezaee Danesh, Y.**, Rasouli Sadaghiani, M. H. and Jafari, M. 2011. Study on occurrence and diversity of arbuscular mycorrhizal fungi associated with grapevine rhizosphere in west Azarbaijan province in Iran. *1st National Agriculture Congress and Exposition on Behalf of Ali Numan Kirac with International Participation*. April 27-30, Eskisehir, Turkey. Pp: 633-638.
- 37- Meshkat, E., Hatami, A., Pirzad, A., **Rezaee Danesh, Y.** and Mehrabi, A. A. 2011. Effect of water stress on growth and yield of *Matricaria chamomilla* L. under symbiosis with three mycorrhizal fungi species. *1st National Agriculture Congress and Exposition on Behalf of Ali Numan Kirac with International Participation*. April 27-30, Eskisehir, Turkey. Pp: 847-853.
- 38- **Rezaee Danesh, Y.**, Janani, A., Rasouli Sadaghiani, M. H., Jafari, M. and Eskandari, A. 2011. Study on arbuscular mycorrhizal fungi status with thyme rhizospheres in central parts of Iran. *1st National Agriculture Congress and Exposition on Behalf of Ali Numan Kirac with International Participation*. April 27-30, Eskisehir, Turkey. Pp: 257-261.
- 39- Meshkat, E., Hatami, A., Pirzad, A., **Rezaee Danesh, Y.** and Mehrabi, A. A. 2011. Effect of water stress on nutrient and protein content of german chamomile in symbiotic with three species of mycorrhizal fungi. *9th Turkish Crop Science Congress*. 12-15 Sep, Bursa-Turkey. Pp: 1370-1374.
- 40- **Rezaee Danesh, Y.** and Jafari, M. 2011. Report of five fungal species of *Bipolaris* in rice nurseries of Mazandaran province in Iran. *9th Turkish Crop Science Congress*. 12-15 Sep, Bursa-Turkey. Pp: 1827-1829.
- 41- Darvishnia, M., **Rezaee Danesh, Y.**, Zeiali, E. and Azadbakht, N. 2011. Effect of Moisture on antagonistic potential of *Alternaria alternata* in control of *Physalis divericata* in Lorestan. *The 1st National Congress of New Agricultural Sciences and Technologies*. 10-12 Sep. Zanzan-Iran. Pp: 174-177.
- 42- Jafari, M., Maleki-Band, S. and **Rezaee Danesh, Y.** 2011. Seed pretreatment with TDZ and induction of adventitious buds in seedling stocks of *Helianthemum ledifolium*, a symbiotic plant species with edible desert truffles. *7th National Biotechnology Congress*. 12-14 Sep. Tehran-Iran.
- 43- Amirnia, R., Tajbakhsh, M., Ghiyasi, M. and **Rezaee Danesh, Y.** 2012. Evaluation the effects of different pre sowing seed treatments on the breaking of *Hypericum perforatum* L. seeds. *1st Congress of Medicinal and Aromatic Plants*. 13-15 Sep, Tokat-Turkey. Pp: 51-54.
- 44- Valizadegan, O., Ghiyasi, M., Amirnia, R., Tajbakhsh, M. and **Rezaee Danesh, Y.** 2012. Effect of location evaluation on germination parameters of wild mustard. *1st Congress of Medicinal and Aromatic Plants*. 13-15 Sep, Tokat-Turkey. Pp: 452-456.

- 45- Ghiyasi, M., Amirnia, R., Tajbakhsh, M., [Rezaee Danesh, Y.](#) and Valizadegan, O. 2012. The effects of pre sowing seed treatments on germination and seedling growth of *Ziziphora clinopodiodes*. *1st Congress of Medicinal and Aromatic Plants*. 13-15 Sep, Tokat-Turkey. Pp: 447-451.
- 46- Ghiyasi, M., Tajbakhsh, M., Amirnia, R. and [Rezaee Danesh, Y.](#) 2012. Studying the effects of microwaves on germination and seedling growth of wild artichokes (*Cynara scolymus*) seed. *1st Congress of Medicinal and Aromatic Plants*. 13-15 Sep, Tokat-Turkey. Pp: 442-446.
- 47- Tajbakhsh, M., Ghiyasi, M., Amirnia, R. and [Rezaee Danesh, Y.](#) 2012. Assess the effect of different seed priming treatments to improve germination in garden cress seeds. *1st Congress of Medicinal and Aromatic Plants*. 13-15 Sep, Tokat-Turkey. Pp: 437-441.
- 48- Tajbakhsh, M., Amirnia, R., Ghiyasi, M. and [Rezaee Danesh, Y.](#) 2012. Determine the optimum temperature for hydro priming of *Ziziphora clinopodiodes* seed. *1st Congress of Medicinal and Aromatic Plants*. 13-15 Sep, Tokat-Turkey. Pp: 431-436.
- 49- Tajbakhsh, M., Amirnia, R., Ghiyasi, M. and [Rezaee Danesh, Y.](#) 2012. The Effect of Hana leaf extract on reducing fungal infection of seed media culture. *1st Congress of Medicinal and Aromatic Plants*. 13-15 Sep, Tokat- Turkey. Pp: 428-430.
- 50- Amirnia, R., Tajbakhsh, M., Ghiyasi, M., [Rezaee Danesh, Y.](#), Bayat, Y. and İzadkhah Shishavan, M. 2012. Saffron, golden crop of Iran. *1st Congress of Medicinal and Aromatic Plants*. 13-15 Sep, Tokat-Turkey. Pp: 424-427.
- 51- [Rezaee Danesh, Y.](#), Tajbakhsh, M., Amirnia, R. and Ghiyasi, M. 2012. Study on effects of different auxin levels and mycorrhiza like fungi on *Mentha piperita* and *Thymus vulgaris*. *1st Congress of Medicinal and Aromatic Plants*. 13-15 Sep, Tokat-Turkey. Pp: 399-405.
- 52- [Rezaee Danesh, Y.](#), Ghiyasi, M., Amirnia, R. and Tajbakhsh, M. 2012. Study on fungal diseases of some medicinal plants. *1st Congress of Medicinal and Aromatic Plants*. 13-15 Sep, Tokat-Turkey. Pp: 392-398.
- 53- [Rezaee Danesh, Y.](#), Tajbakhsh, M., Ghiyasi, M. and Amirnia, R. 2012. Effect of mycorrhiza like fungi on growth and essential oil yield of *Mentha piperita*. *1st Congress of Medicinal and Aromatic Plants*. 13-15 Sep, Tokat-Turkey. Pp: 411-419.
- 54- [Rezaee Danesh, Y.](#), Amirnia, R., Ghiyasi, M. and Tajbakhsh, M. 2012. Effect of mycorrhiza like fungi on plant growth of brassicaceae under greenhouse condition. *1st Congress of Medicinal and Aromatic Plants*. 13-15 Sep, Tokat-Turkey. Pp: 384-391.

- 55- **Rezaee Danesh, Y.**, Tajbakhsh, M., Ghiyasi, M. and Amirnia, R. 2012. The Inhibitory effects of some medicinal plant essential oils on *Fusarium graminearum* growth and production of Zearalenone. *1st Congress of Medicinal and Aromatic Plants*. 13-15 Sep, Tokat-Turkey. Pp: 420-423.
- 56- **Rezaee Danesh, Y.**, Janani, A., Ghanepur, M. T., Amirnia, R., Tajbakhsh, M. and Ghiyasi, M. 2012. Studies on arbuscular mycorrhizal fungi associated with *Artemisia* in desert region of Shahrood. *The 2nd National Congress on Biodiversity and Its Effect on Agriculture and Environment*. 12 July.
- 57- **Rezaee Danesh, Y.**, Ghanepur, M. T., Tajbakhsh, M., Amirnia, R. and Ghiyasi, M. 2012. Identification of arbuscular mycorrhizal fungi in rhizosphere of desert plants in Semnan. *The 2nd National Congress on Biodiversity and Its Effect on Agriculture and Environment*. 12 July.
- 58- **Rezaee Danesh, Y.**, Tajbakhsh, M., Ghiyasi, M., Amirnia, R. and Valizadegan, O. 2012. Study on arbuscular mycorrhizal fungi from wheat rhizosphere in Damghan desert region. *The 2nd National Congress on Biodiversity and Its Effect on Agriculture and Environment*. 12 July.
- 59- Sohrabi, F., Fadaii Tehrani, A. A. and **Rezaee Danesh, Y.** 2012. Effects of arbuscular mycorrhizal fungi on population of root knot nematode *Meloidogyne javanica* in tomato. *The 2nd National Congress on Biodiversity and Its Effect on Agriculture and Environment*. 12 July.
- 60- Amoozadeh, M., Darvishzadeh, R., Abdollahi Mandoulakani, B., **Rezaee Danesh, Y.** and Abdi, N. 2012. Response of recombinant inbred sunflower (*Helianthus annuus* L.) to *Sclerotinia* stem rot. *12th Iranian Crop Science Congress*. 5-7 Sep.
- 61- Amoozadeh, M., Darvishzadeh, R., Abdollahi Mandoulakani, B. and **Rezaee Danesh, Y.** 2012. QTL mapping of partial resistance to basal stem rot disease in sunflower. *12th Iranian Genetics Congress*. 21-23 May.
- 62- Ahmadi, J., Jafari, M., Bernousi, I. and **Rezaee Danesh, Y.** 2012. Effect of TDZ and BAP on direct regeneration from stem nodal explants in the medicinal plant *T. chamaedrys* L. *12th Iranian Genetics Congress*. 21-23 May.
- 63- Sohrabi, F., Fadaii Tehrani, A. A. and **Rezaee Danesh, Y.** 2012. Study on biological control of root knot nematode *Meloidogyne javanica* by arbuscular mycorrhizal fungi *Glomus mosseae* and *Glomus intraradices* in tomato. *20th Iranian Plant Protection Congress*. 25-28 Aug. P. 690.

- 64- Rahmanian, M., Khodaverdiloo, H., Rasouli Sadaghiani, M. H., [Rezaee Danesh, Y.](#) 2013. Increasing potential of Pb and Cd- contaminated soil phyto-remediation using soil microorganisms. *13th Iranian Soil Science Congress*. 28-30 Jan.
- 65- Heidari, Z., Nazarideljou, M. and [Rezaee Danesh, Y.](#) 2013. Water deficit irrigation management in zinnia (*Zinnia elegance*) production by mycorrhizal fungi under different irrigation regimes. *1st National Congress in Agricultural Sciences*. 18-19 Sep.
- 66- Heidari, Z., Nazarideljou, M. and [Rezaee Danesh, Y.](#) 2013. Deficit irrigation management and reduction of drought stress injuries of *Zinnia* bedding plants by arbuscular mycorrhizal fungi colonization. *8th Iranian Horticultural Science Congress*. 29 Aug.
- 67- Panahi, N. and [Rezaee Danesh, Y.](#) 2013. Study on biological effects of *Trichoderma harzianum* on colony and sclerote of sunflower crown rot causing agent *in vitro* condition. *2nd National congress in Climate Change and Its Effect on Agriculture and Environment*. 13 Aug. Pp: 4258-4264.
- 68- [Rezaee Danesh, Y.](#), Tajbakhsh, M., Amirnia, R., Ghiyasi, M. and Najafi, S. 2013. Role of rhizobacteria in phytoremediation of heavy metal contaminated soils. *2nd National congress in Climate Change and Its Effect on Agriculture and Environment*. 13 Aug. Pp: 4321-4326.
- 69- Najafi, F., [Rezaee Danesh, Y.](#) and Kahromi, S. 2013. Effect of arbuscular mycorrhizal fungus (*Glomus intraradices*) on prolin and phenol contents of alfalfa (*Medicago sativa* L.) under lead stress. *2nd National congress in Climate Change and Its Effect on Agriculture and Environment*. 13 Aug. Pp: 4327-4332.
- 70- Ramesh, N. and [Rezaee Danesh, Y.](#) 2013. Study on relationship among some soil physic chemical parameters with population diversity of arbuscular mycorrhizal fungi in barley rhizosphere of Damghan region. *2nd National congress in Climate Change and Its Effect on Agriculture and Environment*. 13 Aug. Pp: 4333-4337.
- 71- [Rezaee Danesh, Y.](#), Najafi, S. and Ghiyasi, M. 2013. Introducing three *Fusarium* species for mycoflora of Iran. *2nd National congress in Climate Change and Its Effect on Agriculture and Environment*. 13 Aug. Pp: 4337-4340.
- 72- Sohrabi, F., Fadaii Tehrani, A. A. and [Rezaee Danesh, Y.](#) 2013. Effect of arbuscular mycorrhizal fungi *Glomus mosseae* and *Glomus intraradices* on different population levels of root knot nematode *Meloidogyne javanica* in tomato. *2nd National congress in Climate Change and Its Effect on Agriculture and Environment*. 13 Aug. Pp: 4340-4345.
- 73- Amirnia, R., Tajbakhsh, M., [Rezaee Danesh, Y.](#) and Ghiyasi, M. 2013. Importance of climatic studies and their changes trend on sustainable development. *2nd National congress in Climate Change and Its Effect on Agriculture and Environment*. 13 Aug. Pp: 4892-4899.

- 74- **Rezaee Danesh, Y.**, Tajbakhsh, M., Amirnia, R., Ghiyasi, M., Najafi, S. and Hassanzadeh Ghorttappah, A. 2013. Bioactive secondary metabolites produced by microorganisms associated with plants. *10th Turkish Crop Science Congress*. 10-13 Sep. Konya-Turkey.
- 75- **Rezaee Danesh, Y.**, Tajbakhsh, M., Najafi, S., Ghiyasi, M., Amirnia, R. and Hassanzadeh Ghorttappah, A. 2013. Biocontrol of take-all disease in wheat by mycorrhiza like fungi and *Trichoderma* species in greenhouse. *10th Turkish Crop Science Congress*. 10-13 Sep. Konya-Turkey.
- 76- Hassanzadeh Gorttappah, A., Najafi, S., Zahedmanesh, M., Ghiyasi, M., **Rezaee Danesh, Y.** and Motallebi, A. 2013. Effect of biological fertilizers and growth promoters on quantitative characteristics of Safflower. *10th Turkish Crop Science Congress*. 10-13 Sep. Konya-Turkey.
- 77- Hassanzadeh Gorttappah, A., Najafi, S., **Rezaee Danesh, Y.**, Najafi, M., ZahedManesh, M. and Amirnia, R. 2013. Efficiency of nitrogen fixation in legumes using pesticides. *10th Turkish Crop Science Congress*. 10-13 Sep. Konya-Turkey.
- 78- Hassanzadeh Gorttappah, A., Najafi, S., Tajbakhsh, M., Ghiyasi, M., **Rezaee Danesh, Y.** and Najafi, M. 2013. Investigation the effect of using combination of bio-organic and chemical fertilizers on biological yield and yield component of sunflower. *10th Turkish Crop Science Congress*. 10-13 Sep. Konya-Turkey.
- 79- Ghiyasi, M., Amirnia, R., Tajbakhsh, M., **Rezaee Danesh, Y.** and Hassanzadeh Gorttappah, A. 2013. The influence of altitude on the morphology of *Achilla millefolium* in Iran Azerbaijan. *10th Turkish Crop Science Congress*. 10-13 Sep. Konya-Turkey.
- 80- Tajbakhsh, M., Amirnia, R., Ghiyasi, M., **Rezaee Danesh, Y.**, Najafi, S. and Hassanzadeh Gorttappah, A. 2013. The effect of priming treatments on reduction of deterioration of soybean seed. *10th Turkish Crop Science Congress*. 10-13 Sep. Konya-Turkey.
- 81- Amirnia, R., Tajbakhsh, M., Ghiyasi, M., **Rezaee Danesh, Y.**, Hassanzadeh Gorttappah, A. and Bayat, M. 2013. Interaction of agriculture and biodiversity. *10th Turkish Crop Science Congress*. 10-13 Sep. Konya-Turkey.
- 82- Hassanzadeh Gorttappah, A., Najafi, S., **Rezaee Danesh, Y.**, Motallebi, A., Najafi, M. and Tajbakhsh, M. 2013. Evaluation of biofertilizers (Nitroxin, Superphosphate and Thiobacillus) influence on vegetative and reproductive components reactions in corn. *10th Turkish Crop Science Congress*. 10-13 Sep. Konya-Turkey.
- 83- Hosseini Lour, A., **Rezaee Danesh, Y.** and Abrinbana, M. 2014. Report of *Trichoderma* fungal species from sunflower rhizosphere in West Azarbaijan province. *The 3rd National Congress on Biodiversity and Its Effect on Agriculture and Environment*. 15 August. Pp: 2833-2838.

- 84- Ghiyasi, M., Tajbakhsh, M., Amirnia, R. and **Rezaee Danesh, Y.** 2014. Review on concepts of plant vegetation. *The 3rd National Congress on Biodiversity and Its Effect on Agriculture and Environment*. 15 August. Pp: 2807-2809.
- 85- Ghanbari, Z., **Rezaee Danesh, Y.** and Safaie, N. 2014. Study on genetic diversity of *Trichoderma harzianum* in northern parts of West Azarbaijan province. *The 3rd National Congress on Biodiversity and Its Effect on Agriculture and Environment*. 15 August. Pp: 2393-2398.
- 86- **Rezaee Danesh, Y.**, Tajbakhsh, M., Ghiyasi, M., Amirnia, R. and Najafi, S. 2014. Biosynthesis of metal nanoparticles using fungi and actinomycetes. *The 3rd National Congress on Biodiversity and Its Effect on Agriculture and Environment*. 15 August. Pp: 2167-2171.
- 87- Hasanzadeh Gorttapeh, A., Zahedmanesh, M., Ghiyasi, M., Amirnia, R., Tajbakhsh, M., **Rezaee Danesh, Y.** and Najafi, S. 2014. N ve SO₂ gübrelerin ketenin yağ verimi üzerine etkisinin belirlenmesi. *2nd Congress of Medicinal and Aromatic Plants*. 23-25 Sep. Yalova-Turkey. P: 37. (In Turkish).
- 88- **Rezaee Danesh, Y.**, Amirnia, R., Tajbakhsh, M., Ghiyasi, M., Najafi, S. and Hassanzadeh Gorttapeh, A. 2014. Effect of *Piriformospora indica* and *Sebacina vermifera* on plant growth and essential oil yield in *Thymus vulgaris* *in vitro* and *in vivo* experiments. *2nd Congress of Medicinal and Aromatic Plants*. 23-25 Sep. Yalova-Turkey. P: 41.
- 89- Hasanzadeh Gorttapeh, A., Amirnia, R., Ghiyasi, M., Tajbakhsh, M., **Rezaee Danesh, Y.** and Najafi, S. 2014. Effect of salt stress on fennel (*Foeniculum vulgare*) germination. *2nd Congress of Medicinal and Aromatic Plants*. 23-25 Sep. Yalova-Turkey. P: 47.
- 90- Amirnia, R., Tajbakhsh, M., Ghiyasi, M., **Rezaee Danesh, Y.**, Hassanzadeh Gorttapeh, A. and Bayat, M. 2014. Kimyon tohumu üzerine ekimden önce uygulanan hardning ve hidropriming'in cimlenme indekslerine olan etkisi. *2nd Congress of Medicinal and Aromatic Plants*. 23-25 Sep. Yalova-Turkey. P: 120. (In Turkish).
- 91- Tajbakhsh, M., Amirnia, R., Ghiyasi, M., **Rezaee Danesh, Y.**, Najafi, S. and Hassanzadeh Gorttapeh, A. 2014. Kimyonun cimlenme döneminde kullanılan zencefilin mantar bulaşımının azalmasına olan etkisi. *2nd Congress of Medicinal and Aromatic Plants*. 23-25 Sep. Yalova-Turkey. P: 121. (In Turkish).
- 92- Ghiyasi, M., Amirnia, R., Tajbakhsh, M., **Rezaee Danesh, Y.**, Hassanzadeh Gorttapeh, A., Najafi, S. and Bayat, M. 2014. Hidropriming yapılmış olan kimyon tohumlarında kurutma ve kurutma yöntemlerinin cimlenme indeksleri üzerine etkisinin belirlenmesi. *2nd Congress of Medicinal and Aromatic Plants*. 23-25 Sep. Yalova- Turkey. P: 122. (In Turkish).

- 93- Ghiyasi, M., Amirnia, R., Tajbakhsh, M., [Rezaee Danesh, Y.](#), Hassanzadeh Gorttapeh, A. and Najafi, S. 2014. Kimyonun cimlenme ve fide büyümesinde nano demir priminginin etkisi. *2nd Congress of Medicinal and Aromatic Plants*. 23-25 Sep. Yalova-Turkey. P: 123. (In Turkish).
- 94- Amirnia, R., Bayat, M., Tajbakhsh, M., Ghiyasi, M., [Rezaee Danesh, Y.](#), Hassanzadeh Gorttapeh, A. and Najafi, S. 2014. Urmia ekolojik koşullarında en iyi safran eko tipi ve korm ağırlığı seçimi üzerinde bir araştırma. *2nd Congress of Medicinal and Aromatic Plants*. 23-25 Sep. Yalova-Turkey. P: 124. (In Turkish).
- 95- Tajbakhsh, M., Amirnia, R., Ghiyasi, M., [Rezaee Danesh, Y.](#), Najafi, S. and Bayat, M. 2014. Eskilenmiş ve eskilenmemiş kimyon tohumlarının cimlenme ve anormal cim oranına KCl ile priming etkisinin belirlenmesi. *2nd Congress of Medicinal and Aromatic Plants*. 23-25 Sep. Yalova-Turkey. P: 125. (In Turkish).
- 96- [Rezaee Danesh, Y.](#), Tajbakhsh, M., Amirnia, R., Ghiyasi, M., Najafi, S., Hassanzadeh Gorttapeh, A. and Bayat, M. 2014. Effects of AM fungi on growth, essential oil production and nutrients uptake in basil. *2nd Congress of Medicinal and Aromatic Plants*. 23-25 Sep. Yalova-Turkey. P: 139.
- 97- [Rezaee Danesh, Y.](#), Tajbakhsh, M., Amirnia, R., Ghiyasi, M., Hassanzadeh Gorttapeh, A. and Najafi, S. 2014. Study on mycorrhizal association of *Astragalus floccosus* in Iran. *2nd Congress of Medicinal and Aromatic Plants*. 23-25 Sep. Yalova-Turkey. P: 164.
- 98- Amirnia, R., Ghiyasi, M., Tajbakhsh, M. and [Rezaee Danesh, Y.](#) 2014. Assess the impact of biophysical seed priming with microwave on seed vigor of *Nigella sativa*. *Turkey 5th Seed Congress*. 19-23 Oct. Pp: 112-115.
- 99- Ghiyasi, M., Amirnia, R., Tajbakhsh, M., [Rezaee Danesh, Y.](#) and Najafi, S. 2014. Effect of hardening and hydro priming on germination and seedling growth of *Nigella Sativa*. *Turkey 5th Seed Congress*. 19-23 Oct. Pp: 475-477.
- 100- Tajbakhsh, M., Ghiyasi, M., Amirnia, R., [Rezaee Danesh, Y.](#) and Najafi, S. 2014. Studying the effects of drying and non-drying of hydro primed of *Nigella sativa* seed's germination. *Turkey 5th Seed Congress*. 19-23 Oct. Pp: 478-481.
- 101- Tajbakhsh, M., Amirnia, R., Ghiyasi, M. and [Rezaee Danesh, Y.](#) 2014. Studying the effect of various harvesting dates on seed aging of soybean. *Turkey 5th Seed Congress*. 19-23 Oct. Pp: 482-484.
- 102- Ghiyasi, M., Amirnia, R., Tajbakhsh, M., [Rezaee Danesh, Y.](#) and Rezayi Chiyane, E. 2014. Impact of pre-sowing seed treatment with nano Fe on germination, seedling growth and abnormal plantlet percentage of *Nigella sativa*. *Turkey 5th Seed Congress*. 19-23 Oct. Pp: 485-488.

- 103- Amirnia, R., Ghiyasi, M., Tajbakhsh, M. and **Rezaee Danesh, Y.** 2014. Studying the influence of different osmotic potential of PEG 8000 on germination, seedling growth and abnormal seedling percentage of *Nigella sativa*. *Turkey 5th Seed Congress*. 19-23 Oct. Pp: 489-492.
- 104- **Rezaee Danesh, Y.**, Ghiyasi, M., Tajbakhsh, M., Najafi, S. and Amirnia, R. 2014. Seed health management strategies in organic farming. *Turkey 5th Seed Congress*. 19-23 Oct. Pp: 667-669.
- 105- **Rezaee Danesh, Y.**, Tajbakhsh, M., Najafi, S., Amirnia, R. and Ghiyasi, M. 2014. Using nested PCR for detection of seed borne fungi *Ustilagoidea virens* in rice fields of Iran. *Turkey 5th Seed Congress*. 19-23 Oct. Pp: 670-672.
- 106- **Rezaee Danesh, Y.**, Amirnia, R., Tajbakhsh, M., Najafi, S. and Ghiyasi, M. 2014. Management of seed borne bacterial diseases in seed production plots. *Turkey 5th Seed Congress*. 19-23 Oct. Pp: 673-676.
- 107- **Rezaee Danesh, Y.**, Tajbakhsh, M., Amirnia, R., Ghiyasi, M. and Najafi, S. 2014. Seed borne disease control of wheat using stone meal. *Turkey 5th Seed Congress*. 19-23 Oct. Pp: 677-680.
- 108- **Rezaee Danesh, Y.** 2014. The *Priformospora indica*, magic fungus and its role on sustainable agriculture. *The 3rd International Conference on Integration of Science and Technology for Sustainable Development*. 27-28 Nov. Laos. P: 15.
- 109- Hosseini Lour, A., **Rezaee Danesh, Y.** and Abrinbana, M. 2014. New report of *Trichoderma* species from sunflower rhizosphere of Iran. *The 7th Regional Congress on Advances in Agricultural Research (West of Iran)*. 14-15 May. Pp: 168-172.
- 110- Manafi-Shabestari, M., Ghosta, Y. and **Rezaee Danesh, Y.** 2015. *Boothiella tetraspora*, a new report for mycoflora of Iran. *2nd Iranian Mycological Congress*. 23-25 August, College of Agriculture and Natural Resources, University of Tehran.
- 111- Manafi-shabestari, M., Ghosta, Y. and **Rezaee Danesh, Y.** 2015. Taxonomic study on *Alternaria* species in soils of Urmia Lake basin. *2nd Iranian Mycological Congress*. 23-25 August, College of Agriculture and Natural Resources, University of Tehran.
- 112- Alijani, N., Ghosta, Y. and **Rezaee Danesh, Y.** 2015. Endophytic *Alternaria* species groups from apple trees in Iran. *2nd Iranian Mycological Congress*. 23-25 August, College of Agriculture and Natural Resources, University of Tehran.
- 113- Mohammadi, Z., **Rezaee Danesh, Y.** and Abrinbana, M. 2015. Identification and Study on Several *Trichoderma* Species Diversity in Rhizosphere of Sugar Beet Fields in West Azerbaijan Province. *The 8th Regional Congress on Advances in Agricultural Research (West of Iran)*. University of Kordestan, Iran.

- 114- Barzegari, A., Nourollahi, K. and **Rezaee Danesh, Y.** 2015. Studies on Diversity Status of Arbuscular Mycorrhizal Fungi in Alfalfa Rhizosphere in Hashtrood Region. *The 8th Regional Congress on Advances in Agricultural Research (West of Iran)*. University of Kordestan, Iran.
- 115- Tajbakhsh, M., Amirnia, Y., Ghiyasi, M., **Rezaee Danesh, Y.** and Najafi, S. 2015. Eskimiş Soya Tohumlarına Salsilik Asit Primingin Çimlenme İndekleri Gelişimine Etkisinin Belirlenmesi. *11th Tarla Bitkileri Kongresi*. 7-10 Eylül, Canakkale Onsekiz Mart University, Turkey. Pp. 181-184.
- 116- Tajbakhsh, M., Ghiyasi, M., Amirnia, R., **Rezaee Danesh, Y.** and Najafi, S. 2015. Osmoprimingin Eskitilmiş Tohumlarda Çimlenme Gelişimine Olan Etkisi. *11th Tarla Bitkileri Kongresi*. 7-10 Eylül, Canakkale Onsekiz Mart University, Turkey. Pp. 149-152.
- 117- Amirnia, R., Ghiyasi, M., Tajbakhsh, M., **Rezaee Danesh, Y.** and Hassanzadeh Gorttapeh, A. 2015. Eskitilmiş Soya Tohumlarının Çimlenme Özellikleri Üzerine Marmarinin Etkisi. *11th Tarla Bitkileri Kongresi*. 7-10 Eylül, Canakkale Onsekiz Mart University, Turkey. Pp. 119-122.
- 118- Amirnia, R., Ghiyasi, M., Tajbakhsh, M., **Rezaee Danesh, Y.** and Bayat, M. 2015. Eski Soya Tohumu Üzerine Ekimden Önce Uygulanan Hardningin Çimlenme İndekslerine Olan Etkisi. *11th Tarla Bitkileri Kongresi*. 7-10 Eylül, Canakkale Onsekiz Mart University, Turkey. Pp. 98-101.
- 119- Ghiyasi, M., Amirnia, R., Tajbakhsh, M. and **Rezaee Danesh, Y.** 2015. Hidrotermal Uygulamasının Eskitilmiş Soya Tohumlarında Çimlenme İndekslerine olan Etkisinin Belirlenmesi. *11th Tarla Bitkileri Kongresi*. 7-10 Eylül, Canakkale Onsekiz Mart University, Turkey. Pp. 58-61.
- 120- Ghiyasi, M., Amirnia, R., Tajbakhsh, M. and **Rezaee Danesh, Y.** 2015. Askorbik Asidin Eskitilmiş Soya Tohumlarında Çimlenme Özellikleri Üzerine Olan Etkisi. *11th Tarla Bitkileri Kongresi*. 7-10 Eylül, Canakkale Onsekiz Mart University, Turkey. Pp. 317-320.
- 121- **Rezaee Danesh, Y.,** Tajbakhsh, M., Amirnia, R., Ghiyasi, M. and Najafi, S. 2015. Effect of Arbuscular Mycorrhizal Fungus (*Glomus Intraradices*) on Growth Indices of Alfalfa under Lead Toxicity. *11th Tarla Bitkileri Kongresi*. 7-10 Eylül, Canakkale Onsekiz Mart University, Turkey. Pp. 300-303.
- 122- **Rezaee Danesh, Y.,** Amirnia, R. and Najafi, S. 2016. *Ferula gummosa* esansinin iki bitki patojenik mantari üzerine etkisinin araştırması. *III Tibi ve Aromatik Bitkiler Sympozyomu*. 4-6 October, Antalya, Turkey. P. 128.
- 123- **Rezaee Danesh, Y.,** Amirnia, R., Najafi, S. and Najafi, M. 2016. *Satureja hortensis* esansinin *Alternaria citri* mantari üzerine etkisinin belirlenmesi. *III Tibi ve Aromatik Bitkiler Sympozyomu*. 4-6 October, Antalya, Turkey. P. 119.

- 124- Khezr Habib, A., [Rezaee Danesh, Y.](#), Amirnia, R. and Ghiyasi, M. 2016. Investigation of frequency situation arbuscular mycorrhizal fungi from moldavian balm rhizosphere in Urmia region. *2nd International and 4th National Iranian Crop Science Congress*. August 30-September 1, University of Guilan, Rasht.
- 125- Ghorbany, S., [Rezaee Danesh, Y.](#), Ghoosta, Y. and Ghiyasi, M. 2016. Investigation of frequency situation arbuscular mycorrhizal fungi from grapevine rhizosphere in malekan region. *2nd International and 4th National Iranian Crop Science Congress*. August 30-September 1, University of Guilan, Rasht.
- 126- Zahedipour, P., Asghari, M., Abdollahi, B., Alizadeh, M. and [Rezaee Danesh, Y.](#) 2017. Impact of Organic and Non-Organic Cultivation on Some Quality Parameters of Thompson Seedless Grapes at Harvest and Postharvet Time. *1st International Conference and 10th National Horticultural Science Congress of Iran*. 4-7 Sep. Tehran-Iran.
- 127- Zahedipour, P., Asghari, M., Abdollahi, B., Alizadeh, M. and [Rezaee Danesh, Y.](#) 2017. A Comparative Study for Color Parameters of White Grape Berrires between Oranic and Non-Organic Conditions *1st International Conference and 10th National Horticultural Science Congress of Iran*. 4-7 Sep. Tehran-Iran.
- 128- Manteghi, A., [Rezaee Danesh, Y.](#) and Mokaram Hesar, A. 2018. Effects of Arbuscular Mycorrhizal Fungus *Glomus mosseae* on Population Dynamics of Some Criconematids in Green House Condition. *1st International Agricultural Science Congress*. 9-12 May, Van Yuzunvu Yil University, Van-Turkey.
- 129- [Rezaee Danesh, Y.](#) and Mokaram Hesar, A. 2018. First Report of *Geocenamus Stegus* From Iran. *1st International Agricultural Science Congress*. 9-12 May, Van Yuzunvu Yil University, Van-Turkey.
- 130- [Rezaee Danesh, Y.](#) and Mokaram Hesar, A. 2018. Identification Some Species of Genus *Filenchus* from Urmia City. *1st International Agricultural Science Congress*. 9-12 May, Van Yuzunvu Yil University, Van-Turkey.
- 131- [Rezaee Danesh, Y.](#) and Rastgou, M. 2018. Antibacterial effect of twenty-eight plant extracts on *Pectobacterium betavascularum*; the causal agent of bacterial vascular wilt and necrosis of sugar beet in Iran. *1st International Agricultural Science Congress*. 9-12 May, Van Yuzunvu Yil University, Van-Turkey.
- 132- Zahedipour Sheshgelani, P., Asghari, M., Abdollahi, B., Alizadeh, M. and [Rezaee Danesh, Y.](#) 2018. Expression of Chitinase, β - 1, 3 Glucanase, Pectin Methylesterase and Polygalacturonase Genes in Organic and Inorganic Grape Berry. *1st International Agricultural Science Congress*. 9-12 May, Van Yuzunvu Yil University, Van-Turkey.

- 133- Zahedipour Sheshgelani, P., Asghari, M., Abdollahi, B., Alizadeh, M. and **Rezaee Danesh, Y.** 2018. Pre-harvest Spray of Calcium Ascorbate Delays Senescence in Table Grape (*Vitis vinifera* cv. Bidaneh) During Storage. *1st International Agricultural Science Congress*. 9-12 May, Van Yuzunvu Yil University, Van-Turkey.
- 134- Zahedipour Sheshgelani, P., Asghari, M., Abdollahi, B., Alizadeh, M. and **Rezaee Danesh, Y.** 2018. Effect of Natural Zeolite on Antioxidant Capacity of Grape Berry. *1st International Agricultural Science Congress*. 9-12 May, Van Yuzunvu Yil University, Van-Turkey.
- 135- Zahedipour Sheshgelani, P., Asghari, M., Abdollahi, B., Alizadeh, M. and **Rezaee Danesh, Y.** and Hajitaghilo, R. 2018. *Trichoderma Harizanum* Modify Antioxidant Enzymes Activity of Grape Berry During Storage. *1st International Agricultural Science Congress*. 9-12 May, Van Yuzunvu Yil University, Van-Turkey.
- 136- Taghizadeh, T., **Rezaee Danesh, Y.,** Zare, S. and Mokaram Hesar, A. 2018. Identification plant parasitic nematodes of dorylaimida in west Azerbaijan province-Iran. *1st International Agricultural Science Congress*. 9-12 May, Van Yuzunvu Yil University, Van-Turkey.
- 137- Khoshkbari Rezayie, S., **Rezaee Danesh, Y.,** Zare, S. and Mokaram Hesar, A. 2018. Some species of *Helicotylenchus steiner*, 1945 from west Azarbaijan of Iran. *1st International Agricultural Science Congress*. 9-12 May, Van Yuzunvu Yil University, Van-Turkey.
- 138- Masomzadeh, R., **Rezaee Danesh, Y.,** Meshkini, S. and Mokaram Hesar, A. 2018. Some species of family Tylenchidae orely, 1880 from Urmia-Iran. *1st International Agricultural Science Congress*. 9-12 May, Van Yuzunvu Yil University, Van-Turkey.
- 139- **Rezaee Danesh, Y.,** Ozbahce, A., Kosker, Y. and Najafi, S. 2019. *Piriformospora indica*: champion of symbiosis and candidate as biofertilizer. *International Conference On Agriculture, Animal Science And Rural Development-III*. 20-22 December, Van, Turkey.
- 140- Dilsiz, A., Sagun, Ç., **Rezaee Danesh, Y.** and Kaya Özdoğan, D. 2021. Status of Arbuscular Mycorrhizal Fungi Populations in Some Pastures of Ankara Region, Turkey. *The ninth International Conference on Integration of Science and Technology for Sustainable Development (9th ICIST 2021)*. Faculty of Agricultural Technology, King Mongkut's Institute of Technology Ladkrabang (KMITL), November 19, Bangkok-Thailand.
- 141- **Rezaee Danesh, Y.,** Dilsiz, A., Sagun, Ç., Kaya Özdoğan, D., Polat, A. and Karmaz, E. 2021. Community Structure of Arbuscular Mycorrhizal Fungal Species in Saline Soils of Turkey. *The ninth International Conference on Integration of Science and Technology for Sustainable Development (9th ICIST 2021)*. Faculty of Agricultural Technology, King Mongkut's Institute of Technology Ladkrabang (KMITL), November 19, Bangkok-Thailand.

- 142- Boyno, G., [Rezaee Danesh, Y.](#), Demirer Durak, E., Çevik, R. and Demir, S. 2022. A new technique for enumeration of arbuscular mycorrhizal fungus (AMF) spores from soil: ultrasonication technique. *3rd International Eurasian Mycology Congress*. Van Yuzuncu Yil University, 7-9 September 2022, Van-Turkey.
- 143- Boyno, G., Çevik, R., [Rezaee Danesh, Y.](#) and Demir, S. 2022. Close friendship in subsoil arbuscular mycorrhiza and *Clonostachys rosea*. *3rd International Eurasian Mycology Congress*. Van Yuzuncu Yil University, 7-9 September 2022, Van-Turkey.
- 144- Boyno, G., Pınar Uçar, C., Akköprü, A., [Rezaee Danesh, Y.](#) and Demir, S. 2024. Potential of useful microorganisms in sustainable agricultural production in Van region. *International Vision Van Congress*. Van Yuzuncu Yil University, 8-9 February 2024. Van-Turkey.
- 145- Pınar Uçar, C., Boyno, G., Akköprü, A., [Rezaee Danesh, Y.](#) and Demir, S. 2024. Future prospects in sustainable fungal and bacterial diseases management strategies in Van region. *International Vision Van Congress*. Van Yuzuncu Yil University, 8-9 February 2024. Van-Turkey.
-

Research Projects

- 1- [Rezaee Danesh, Y.](#), Jafari, M. and Darvishzadeh, R. 2010-2011. Identification of *Trichoderma* species and biotypes causing agent of green mold disease in butoon mushroom beds in Iran. Funded by Urmia University, Iran. **Project Leader. (Total Fund: 5000 US\$).**
- 2- [Rezaee Danesh, Y.](#) 2012-2013. Identification of *Fusarium* species associated with cereals in West Azerbaijan province. Funded by Urmia University, Iran. **Project Leader. (Total Fund: 2750 US\$).**
- 3- [Rezaee Danesh, Y.](#) 2014-2015. Study on distribution of arbuscular mycorrhizal fungal species associated with grape orchards rhizosphere in Urmia region. Funded by Urmia University, Iran. **Project Leader. (Total Fund: 1600 US\$).**
- 4- [Rezaee Danesh, Y.](#) 2019-2021. Study on Community Structure of AMF in Plain Saline Soils of Turkey and Possibility of *In Vitro* Mass Propagation of Native Dominant Fungal Species for Bio Fertilizer Production. HORIZON 2020 Marie Skłodowska curie (Co Funded Brain Circulation2 Scheme) Funded by EU and TUBITAK, Turkey. **Project Leader. (Total Fund: 100000 Euro).**
- 5- Sagun, Ç, [Rezaee Danesh, Y.](#) and Arcak, S. 2021-2023. Community Structure of AMF in Some Plain Saline Soils of Turkey. Funded by TAGEM, Turkey. **Project Co Researcher. (Total Fund: 18000 US\$).**

- 6- Dilsiz, A., Sagun, Ç., Kaya, D., Koyuncu, N., Khawar, K.M. and **Rezaee Danesh, Y.** 2018-2020. Isolation and Monoculture Production Mycorrhizas of Naturally Found in Soils. Funded by TAGEM, Turkey. **Project Co Researcher. (Total Fund: 10000 US\$).**
- 7- Demirer Durak, E., **Rezaee Danesh, Y.**, Boyno, G., Sagun, Ç. and Kaya Özdoğan, D. 2022-2023. The Population Characterization of Arbuscular Mycorrhizal Fungi (AMF) and *Trichoderma* spp. in the Rhizosphere of Tomato Plants Grown in Van Province. BAP Project Funded by Van Yuzuncu Yil University, Turkey. Project No: FBA 2022 10166. **Project Co Researcher. (Total Fund: 3500 US\$).**
- 8- Tunçtürk, R., **Rezaee Danesh, Y.**, Tunçtürk, M., Najafi, S. and Toprak, T. 2022-2023. Investigation on the Effects of Mycorrhiza Applications on Some Growth and Biochemical Parameters in Sage (*Salvia officinalis* L.) Grown under Salt Stress Conditions. BAP Project Funded by Van Yuzuncu Yil University, Turkey. Project No: FBA 2022 10093. **Project Co Researcher. (Total Fund: 3400 US\$).**
- 9- **Rezaee Danesh, Y.** 2023-2026. Development of an Eco-Friendly and Effective Microbial Inoculant for Walnut Production. Funded by 2522 Turkey-Hungary (NRDIO) Bilateral Collaboration Program, TUBITAK, Turkey. **Project Leader in Turkish Side. (Total Fund: 200000 US\$).**
- 10-Özgökçe, M.S., **Rezaee Danesh, Y.**, Kara, H., Dilmen, H., Önalın, Ş. And Inal, B. 2023-2026. Multitrophic interactions: Molecular and demographic effects of microorganisms (*Trichoderma*, Mycorrhiza) on tomato plants (*Solanum lycopersicum* L.) and their associated phytophagous insects [*Macrosiphum euphorbia* (Thomas) (Hemiptera: Aphididae), *Tuta absoluta* (Meyrick) (Lepidoptera: Gelechiidae)], and their predator *Chrysoperla carnea* (Steph.) (Neuroptera: Chrysopidae). 1001 Project Funded by TUBITAK, Turkey. **Project Co Researcher. (Total Fund: 65000 US\$).**
- 11-Akköprü, A., **Rezaee Danesh, Y.**, Pellegrini, M., Taşkin, B., Pinar Ucar, C., Djebaili, R., Farda, B. and Sabbi, E. 2024-2026. Sustainable Microbial Strategies for Walnut Cultivation: Role of Rhizosphere Microbiome and Actinomycetes. BAP Multidisciplinary A Project Funded by Van Yuzuncu Yil University, Turkey. Project No: FCD-2024-11101. **Project Co Researcher. (Total Fund: 10000 US\$).**

Honors and Awards

- 1- Obtaining First Class Honor Ship in B.Sc. Degree Course from Ferdowsi University of Mashhad-Iran (1996).
- 2- Obtaining First Class Degree in M.Sc. and Ph.D. Degree from Tarbiat Modares University, Tehran-Iran (1999 and 2007).

- 3- Obtaining First Degree Certificate and Selection Best Faculty Member in the Department of Plant Protection in Shahed University and Azad Islamic University, Iran (2003 and 2005).
- 4- The Best Oral Presentation and Paper in the 3rd International Conference on Integration Science and Technology for Sustainable Development (Laos, 2014).
- 5- The Best Researcher in Fields of Symbiotic Fungi from Iranian Mycological Society (2013 and 2014).
- 6- The Best Scientist (Education and Research) in AATSEA (Excellence in Agricultural Leadership Awards), (Vietnam, 2015).
- 7- The Best Researcher in Education and Research on Organic Agriculture by AATSEA (Excellence in Agricultural Leadership Awards), (Philippine, 2017).
- 8- Candidate for Award as Best Researcher in Education and Research on Organic Agriculture by AATSEA (Excellence in Agricultural Leadership Awards), (China, 2019).
- 9- Obtained Fellowship Funds by EU and TUBITAK, Turkey under the HORIZON 2020 Program (Marie Curie Fellowship) from 2019 to 2021.
- 10- The Best Oral Presentation in the 9TH International Conference on Integration of Science and Technology for Sustainable Development (Thailand, 2021).
- 12- AATSEA Outstanding Leadership Award in Special Community Service (Thailand, 2021).

Supervision and Mentorship

- 1- Abbaszadeh, F., Mohammadi Goltapeh, E., Pourjam, E., **Rezaee Danesh, Y.** and Varma, A. 2008. Biological Control of Charcoal Rot of Soybean Caused by *Macrophomina phaseolina* Using Mycorrhizal like and Antagonistic Fungi. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Tarbiat Modares University.
- 2- Samavi, S., Hassanzadeh, N., **Rezaee Danesh, Y.** and Faghihi, M.M. 2008. Diagnosis and Management of Citrus Bacterial Canker in Hormozgan Province. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.
- 3- Ghanepur, M. T., **Rezaee Danesh, Y.** and Asghari, H. R. 2009. Taxonomic Studies of Arbuscular Mycorrhizal Fungi Associated with *Zygothlyllum*, *Haloxylon* and *Ephedra* Species in Semnan Province. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.

- 4- Shokatifar, M., **Rezaee Danesh, Y.** and Asghari, H. R. 2009. Identification of Arbuscular Mycorrhizal Fungi Associated with Pistachio in Damghan Region. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.
- 5- Janani, A., **Rezaee Danesh, Y.**, Asghari, H. R. and Eskandari, A. 2009. Identification of arbuscular mycorrhizal fungi species in *Thymus*, *Astragalus* and *Artemisia* rhizospheres in Shahrood region. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.
- 6- Rahmanian, M., Khodaverdiloo. H., **Rezaee Danesh, Y.** and Rasouli Sadaghiani, M. H. 2010. Phytoremediation of Lead and Cadmium Contaminated Soil: The Role of Soil Microbial Activity. M.Sc. Thesis, Department of Soil Science, Faculty of Agriculture, Urmia University.
- 7- Mahdavi, A., **Rezaee Danesh, Y.**, Abbasi, A., Mahdavi, F. and Jamaati-e-Somarin, S. 2010. Identification of Arbuscular Mycorrhizal Fungi Associated with Grapevine Rhizosphere in Urmia Region. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.
- 8- Babaipoor, E. Mirzaei, S., **Rezaee Danesh, Y.**, Arjmandian, A. and Chaichi, M. 2010. Study on Possibility of Wheat Take-All Disease Biological Control by Using of Some Antagonistic Bacteria. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.
- 9- Farahani, S., Mirabolfathi, M. and **Rezaee Danesh, Y.** 2010. The Inhibitory Effect of *Thymus vulgaris*, *Satureja hortensis*, *Anethum graveolens*, *Mentha sativa* and *Capsicum annum* Essential Oils on *Fusarium Graminearum* Growth and Production of Zearalenone. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.
- 10- Amirabdollahian, N., Darvishnia, M., **Rezaee Danesh, Y.** and Abdollahi Mandoulakani, B. 2010. Taxonomic Study on *Fusarium* Species Associated with Cereals in Damghan Region. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.
- 11- Ramesh, N., **Rezaee Danesh, Y.** and Rasouli Sadaghiani, M. H. 2010. Identification of Arbuscular Mycorrhizal fungi Associated with Barley Rhizosphere in Damghan Region. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.
- 12- Safaii, M., **Rezaee Danesh, Y.** and Rasouli Sadaghiani, M. H. 2010. Study on Arbuscular Mycorrhizal Fungi in Rhizosphere of Wheat in Semnan Region. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.

- 13- Zeidabadi, M., Hassanzadeh, N., Marefat, A. and **Rezaee Danesh, Y.** 2010. Identification and Management of Sugar beet Bacterial Soft Rot Causing Agent in Kerman Province. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.
- 14- Mehrvarz, E., **Rezaee Danesh, Y.** and Pirnia, M. 2010. Study on Powdery Mildews in Varamin Region. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.
- 15- Maleki Balajoo, O., Keshavarzi, M., **Rezaee Danesh, Y.** and Zahabi, A. 2011. Evaluation of Local Apples Resistance Against Fire Blight Disease. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.
- 16- Davar, R., Darvishzadeh, R., **Rezaee Danesh, Y.**, Kholghi, M. and Azizi, M. 2011. Interaction of Sunflower Plant and *Sclerotinia*: Comparative Studies of Anatomical Structure, Ontogenesis of Stem in Susceptible and Resistance Lines of Sunflower and Genetic Determination of Resistance to Sclerotinia. Ph.D. Thesis. Department of Biology, Faculty of Science, Urmia University.
- 17- Nasiri, M., Keshavarzi, M. and **Rezaee Danesh, Y.** 2011. Evaluation of Acetic Acid and Vinegar on Inhibition of Fruit Storage Decays. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.
- 18- Meshkat, E., Hatami, A., Pirzad, A., **Rezaee Danesh, Y.** and Mehrabi, A. A. 2011. Effect of Three Species of Arbuscular Mycorrhiza on Yield and Physiological Characteristics of German Chamomile (*Matricaria chamomilla* L. cv. Bodegold) under Water Stress. M.Sc. Thesis, Department of Agronomy, Faculty of Agriculture, Ilam University.
- 19- Khorshidi, K., Mirabolfathi, M. and **Rezaee Danesh, Y.** 2011. Identification and Pathogenicity of Turf grass *Fusarium* Species in Tehran Province. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.
- 20- Zargarzadeh, J., Mohammadi Goltapeh, E. and **Rezaee Danesh, Y.** 2011. Studies on *Trichoderma* species and Biotypes (*Trichoderma harzianum*) of Causal Agent of Green Mold Diseases of Button Mushroom (*Agaricus bisporus*) In Tehran Province and Urmia. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Tarbiat Modares University.
- 21- Mirzaei, J., Akbarinia, M., Mohammadi Goltapeh, E., Sharifi, M. and **Rezaee Danesh, Y.** 2011. Identification of Arbuscular Mycorrhizal Fungi Associated with *Pistacia atlantica* and *P. khinjuk* in Ilam province and their Effects on Seedlings Growth under Drought Stress. Ph.D. Thesis. Department of Forestry, Faculty of Natural Resources, Tarbiat Modares University.

- 22- Ghorbany, M., Rohani, H., Mahdikhani Moghaddam, E., **Rezaee Danesh, Y.** and Mirshamsi, A. 2011. Identification of Arbuscular Mycorrhizal Fungi along with tomato in Razavi Khorasan Province and investigation of their influence on induction of resistance against Root Knot Nematode (*Meloidogyne javanica*). Ph.D. Thesis. Department of Plant Protection, Faculty of Agriculture, Ferdowsi University.
- 23- Bakhtkhah, T., **Rezaee Danesh, Y.** and Asghari, H. R. 2012. Identification Dominant Arbuscular Mycorrhizal Fungi Species in Several Forest Trees Rhizosphere in Kiasar Region. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Damghan Islamic Azad University.
- 24- Amoozadeh, M., Darvishzadeh, R., **Rezaee Danesh, Y.**, Abdollahi Mandoulakani, B. and Haddadi, P. 2012. QTL Mapping of Partial Resistance to Basal Stem Rot Disease in Sunflower. M.Sc. Thesis, Department of Agronomy and Plant Breeding, Faculty of Agriculture, Urmia University.
- 25- Ahmadi, J., Jafari, M., Bernousi, I. and **Rezaee Danesh, Y.** 2012. Study on Hairy Root Induction in Medicinal Plant *T. chamaedrys* L. M.Sc. Thesis, Department of Plant Breeding and Biotechnology, Faculty of Agriculture, Urmia University.
- 26- Sohrabi. F., Fadaii Tehrani, A. A. and **Rezaee Danesh, Y.** 2012. Studies on Interaction between Arbuscular Mycorrhizal Fungi (*Glomus mosseae* and *Glomus intraradices*) and Root Knot Nematode *Meloidogyne javanica* in Tomato. M.Sc. Thesis, Department of Plant Protection, Faculty of Agriculture, Shahr-E-Kord University.
- 27- Heidari, Z., Nazari Deljou, M. J. and **Rezaee Danesh, Y.** 2013. Effect of Mycorrhizal Fungi (*Glomus mosseae*) and Vermicompost Treatments on *Zinnia elegance* Quality under Drought Stress. M.Sc. Thesis, Department of Horticulture, Faculty of Agriculture, Mahabad Islamic Azad University.
- 28- Kahromi, S., Najafi, F. and **Rezaee Danesh, Y.** 2013. The Effect of Arbuscular Mycorrhizal Fungi (*Glomus intraradices*) on The Certain Physiological Parameters in Alfalfa (*Medicago sativa* L.) under Lead Stress. M.Sc. Thesis, Department of Plant Science, Faculty of Biological Sciences, Kharazmi University.
- 29- Saeidi, H. R., Akbarinia, M., Mohammadi Goltapeh, E. Hosseini, S. M. and **Rezaee Danesh, Y.** 2013. Changes in Population and Richness of Arbuscular Mycorrhizal Fungi (AMF) and Its Relation to Vegetation Diversity of Different Forest Types in Bineshki, Ramsar. Ph.D. Thesis. Department of Forestry, Faculty of Natural Resources, Tarbiat Modares University.

- 30- Moradi, M., Shirvany, A., Matinizadeh, M., Etemed, V. and **Rezaee Danesh, Y.** 2014. Effects of Arbuscular Mycorrhizal Fungi Symbiosis on *Sorbus torminalis* and Its Correlation with Some Nutrient Elements and Soil Enzymes. Ph.D. Thesis. Department of Forestry and Forest Economy, University of Tehran.
- 31- Panahi, N., **Rezaee Danesh, Y.** and Abrinbana, M. 2014. Study on The Potential of *Trichoderma* Isolates in Biological Control of Sunflower Crown and Stem Rot. M.Sc. Thesis, Department of Plant Protection, Faculty of Agriculture, Urmia University.
- 32- Hosseini Lour, A., **Rezaee Danesh, Y.** and Abrinbana, M. 2014. Identification and Frequency Determination of *Trichoderma* Species in Sunflower Rhizosphere in West Azarbaijan Province. M.Sc. Thesis, Department of Plant Protection, Faculty of Agriculture, Urmia University.
- 33- Nokam, M., **Rezaee Danesh, Y.** and Rasouli Sadaghiani, M.H. 2015. Identification of Arbuscular Mycorrhizal Fungal Species Associated with Sunflower Rhizosphere in West Azarbaijan Province. M.Sc. Thesis, Department of Plant Protection, Faculty of Agriculture, Urmia University.
- 34- Ghanbari, Z., **Rezaee Danesh, Y.** and Safaei, N. 2015. Study on Genetic Diversity of Prevalent *Trichoderma* Species in Sunflower Rhizosphere in Northern Parts of West Azarbaijan Province. M.Sc. Thesis, Department of Plant Protection, Faculty of Agriculture, Urmia University.
- 35- Mohammadi, Z., **Rezaee Danesh, Y.** and Abrinbana, M. 2015. Identification of *Trichoderma* Species in Sugar Beet Rhizosphere in West Azarbaijan Province. M.Sc. Thesis, Department of Plant Protection, Faculty of Agriculture, Urmia University.
- 36- Alijani Mamaghani, N., Ghoosta, Y. and **Rezaee Danesh, Y.** 2015. Isolation and identification of endophytic fungi of apple trees in Urmia city. M.Sc. Thesis, Department of Plant Protection, Faculty of Agriculture, Urmia University.
- 37- Manafi Shabestari, M., Ghoosta, Y. and **Rezaee Danesh, Y.** 2015. Study on Biodiversity of Soil Hyphomycetes fungi around Urmia Lake. M.Sc. Thesis, Department of Plant Protection, Faculty of Agriculture, Urmia University.
- 38- Ghorbani, S., **Rezaee Danesh, Y.** and Ghoosta, Y. 2016. Identification of arbuscular mycorrhizal fungi of grape rhizosphere in Malekan city, East Azerbaijan. M.Sc. Thesis, Department of Plant Protection, Faculty of Agriculture, Urmia University.
- 39- Kheyr Habib, A. and **Rezaee Danesh, Y.** 2016. Identification of arbuscular mycorrhizal fungi of the Moldavian Balm rhizosphere in the Urmia region. M.Sc. Thesis, Department of Plant Protection, Faculty of Agriculture, Urmia University.

- 40- Roohbakhsh Khosroshahi, A., Abrinbana, M. and **Rezaee Danesh, Y.** 2016. Investigation of resistance of common tomato cultivars to *Alternaria tomatophila* in East Azerbaijan province. M.Sc. Thesis, Department of Plant Protection, Faculty of Agriculture, Urmia University.
- 41- Rezaee, J., **Rezaee Danesh, Y.**, and Shahbazi, S. 2016. The feasibility study of reducing of soy-bean damping off disease caused by *Rhizoctonia solani* through low dose irradiation with gamma rays. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture and Natural Resources, Afagh Higher Education Institute.
- 42- Malekian, Z., **Rezaee Danesh, Y.**, Abrinbana, M. and Norollahi, K. 2017. Study on the effects of essential oils of peppermint, thyme, zenian, rosemary and azoxystrobin fungicides on growth of oak charcoal rot fungal isolates *Biscogniauxia mediterranea*. M.Sc. Thesis, Department of Forestry, Faculty of Natural Resources, Urmia University.
- 43- Vojdani, M., **Rezaee Danesh, Y.**, Zare, S. Mokaram Hesar, A 2017. Identification of parasitic nematodes of important plants in northern Urmia. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture and Natural Resources, Afagh Higher Education Institute.
- 44- Khosomeidani, M., **Rezaee Danesh, Y.**, Meshkini, S. Mokaram Hesar, A 2017. Identification of parasitic nematodes of important plants in southern Urmia. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture and Natural Resources, Afagh Higher Education Institute.
- 45- Taghizadeh, T., **Rezaee Danesh, Y.**, Zare, S. Mokaram Hesar, A 2017. Identification plant parasitic nematodes of Dorylaimida in West Azerbaijan. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture and Natural Resources, Afagh Higher Education Institute.
- 46- Masomzadeh, R., **Rezaee Danesh, Y.**, Meshkini, S. and Mokaram Hesar, A. 2017. Identification nematodes of Tylenchidae family in West Azerbaijan. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture and Natural Resources, Afagh Higher Education Institute.
- 47- Fazelimanesh, M., Amirnia, R., **Rezaee Danesh, Y.** Najafi, S. and Seyyedi, N. 2017. Study on Effect of Arbuscular Mycorrhizal Fungi in Agronomic and Qualitative Characteristics of Moldavian Balm (*Dracocephalum moldavica* L.) Under CaCl₂ Salinity Stress and Its Karyological Diversity in Five Populations. M.Sc. Thesis, Department of Agronomy, Faculty of Agriculture, Urmia University.
- 48- Akbari Varzeghan, H., Amirnia, R., **Rezaee Danesh, Y.** Najafi, S. and Seyyedi, N. 2017. Study on Effect of NaCl Salinity Stress in Agronomic and Qualitative Characteristics of Moldavian Balm (*Dracocephalum moldavica* L.) Inoculated with Arbuscular Mycorrhizal Fungi and Its Karyological Diversity in Five Populations. M.Sc. Thesis, Department of Agronomy, Faculty of Agriculture, Urmia University.

- 49- Mohabat, M., Sheikh-Ol-Eslami Al Agha, M. and [Rezaee Danesh, Y.](#) 2018. Study on the Possibility to Control Wheat Take-all Disease Caused by *Gaeumannomyces Graminis* Using Two Mycorrhizal Fungi *Glomus Intraradices* and *Glomus Mosseae*. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture and Natural Resources, Afagh Higher Education Institute.
- 50 -Khoshkbari Rezayie, S., [Rezaee Danesh, Y.](#), Zare, S. and Mokaram Hesar, A. 2018. Identification different species of *Helicotylenchus* in West Azerbaijan. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture and Natural Resources, Afagh Higher Education Institute.
- 51- Manteghi, A., [Rezaee Danesh, Y.](#), and Mokaram Hesar, A. 2019. Effects of Arbuscular Mycorrhizal Fungus *Glomus mosseae* on Population Dynamics of Some Criconematids in Green House Condition. M.Sc. Thesis, Department of Plant Pathology, Faculty of Agriculture, Tabriz Islamic Azad University.
- 52- Karimi, G., Siavash Moghaddam, S. and [Rezaee Danesh, Y.](#) 2022. Biofertilizers and Trichoderma on some of morphological, physiological and biochemical traits in quinoa (*Chenopodium quinoa* willd.) under salinity stress. Ph.D. Thesis. Department of Biology, Faculty of Science, Urmia University.
- 53- Sagun, Ç., Arcak, S. and [Rezaee Danesh, Y.](#) 2022. The Analysis of the Community Structure of Arbuscular Mycorrhizal Fungi in the Salt Lake Soil Ecosystem. Ph.D. Thesis. Department of Soil Science and Plant Nutrition, Faculty of Agriculture, Ankara University, Turkey.
- 54- Najafi, M., Çokuysal, B. and [Rezaee Danesh, Y.](#) 2023. Effects of Arbuscular Mycorrhizal Fungi on growth, Nutrition and Quality Parameters of Thyme (*Origanum onites* L.) Under Drought Stress Condition. Ph.D. Thesis. Department of Soil Science and Plant Nutrition, Faculty of Agriculture, Ege University, Turkey.
- 55- Boyno, G., Demir, S. and [Rezaee Danesh, Y.](#) 2024. The Effects of Arbuscular Mycorrhizal Fungus (AMF) and Strigolactone Interaction against *Fusarium culmorum* (W.G. Smith) Saccardo in Different Wheat Varieties. Ph.D. Thesis. Department of Plant Protection, Faculty of Agriculture, Van Yuzuncu Yil University, Turkey.

Invited Speakers and Teachers

- 1- [Rezaee Danesh, Y.](#) The *Priformospora indica*, magic fungus and its role on sustainable agriculture. Invited Speaker at 3rd International Conference on Integration of Science and Technology for Sustainable Development. 27-28 November 2014. Laos.

- 2- **Rezaee Danesh, Y.** Introduction of Mycorrhizal Fungi and Methods for Their Manipulation. Workshop Teacher at Soil, Fertilizer and Water Resources Central Research Institute. 11-26 January 2018. Ankara-Turkey.
- 3- **Rezaee Danesh, Y.** Optimizing Techniques on *In Vitro* Propagation of Arbuscular Mycorrhizal Fungi. Invited Speaker at HASAT International Agriculture and Forest Congress. 21-23 June 2019. Ankara-Turkey.
- 4- **Rezaee Danesh, Y.,** *Piriformospora indica*: champion of symbiosis and candidate as biofertilizer. Invited Speaker at International Conference On Agriculture, Animal Science And Rural Development-III. 20-22 December 2019. Van-Turkey.
- 5- **Rezaee Danesh, Y.** Community Structure of Arbuscular Mycorrhizal Fungal Species in Saline Soils of Turkey. Invited Speaker at 9th International Conference on Integration of Science and Technology for Sustainable Development (9th ICIST). 19th November 2021. Bangkok-Thailand.
- 6- **Rezaee Danesh, Y.** Using of Mycorrhizal Fungi for Management of Soil-Borne Pathogens. Invited Speaker on International New Approaches in the Control of Soil-Borne Pathogens Workshop. 15 December 2021. Plant Protection Central Research Institute, Ankara-Turkey.
- 7- **Rezaee Danesh, Y.** Invited Visiting Professor for Lectures, Workshops, Graduate and Post-Graduate Students Courses. November 20th to December 1st 2023. Manash Kozybayev North Kazakhstan University, Kazakhstan.

Professional Affiliations

- 1- Teacher Assistant-ship at Tarbiat Modares University, Faculty of Agriculture, Tehran-Iran. (October 2001-July 2006).
- 2- Educational Assistant, Department of Plant Protection, Faculty of Agriculture, Urmia University, Urmia-Iran (May 2008-November 2009).
- 3- Dean Research Vice-Chancellor, Faculty of Agriculture, Urmia University, Urmia-Iran (November 2009-April 2014).
- 4- Permanent Member, Agricultural Research Center, Urmia-Iran (October 2010-October 2013).
- 5- Permanent Member, Science and Technology Park, Urmia-Iran (June 2011-June 2013).
- 6- Life Time Member, International Symbiosis Society (ISS), USA (May 2007-Present).
- 7- Life Time Member, Iranian Society of Plant Pathology (ISPP), Iran (May 2008-Present).

- 8- Life Time Member, Iranian Mycological Society (IMS), Iran (May 2008-Present).
- 9- Life Time Member, Asian Mycorrhizal Society (AMS), China (Jul 2008-Present).
- 10- Life Time Member, Association of Agricultural Technology in Southeast Asia (AATSA), Thailand (November 2013-Present).
- 11- Head of Symbiotic Fungi Research Section, Iranian Mycological Society (IMS), Iran (September 2014-Present).
- 12- International Advisory Member, Association of Agricultural Technology in Southeast Asia (AATSA), Thailand (November 2014-Present).
- 13- Fellowship Award and Member, Marie Curie Alumni, Belgium (April 2021-Present).
- 14- Management Committee Member, COST Action-22158 Program Selected by TUBITAK, Turkey (November 2023-Present).

Editorial Boards

- 1- Editorial Board Member in the International Journal of Agricultural Technology, Thailand.
- 2- Editorial Board Member in the Journal of Soil Science and Environmental Management, China.
- 3- Advisory Board in Yuzuncu Yil University Journal of Agricultural Sciences, Turkey.
- 4- - Review Editor in Frontiers in Physiology, Section Physio-Logging, Switzerland.

Peer Reviewing

Reviewing more than 80 manuscripts in high-ranked journals including Agriculture, Agronomy, Applied sciences, Biocatalysis and agricultural biotechnology, Biology, Forests, Frontiers in Physiology, Frontiers in Microbiology, Frontiers in Sustainable Food Systems, Frontiers in Plant Science, Genes, Indian Phytopathology, Insects, International journal of environmental research and public health, International journal of molecular sciences, Journal of applied microbiology, Journal of fungi, Life, Nutrients, PloS one, Processes, Sensors, Soil systems, Sustainability, Symbiosis.

Skills and Methodologies

- 1- Morphological and Molecular Taxonomy of Arbuscular Mycorrhizal Fungi
 - 2- Molecular Analysis of Soil-borne Fungi
 - 3- PCR, Nested-PCR, RFLP-PCR, PCR-DGGE
 - 4- Community Structure Analysis of Soil-Borne Fungi
 - 5- *In vitro* culturing of Arbuscular Mycorrhizal Fungi
 - 6- Soil Biological Enzymatic Assay
 - 7- Phylogenetic Analysis
 - 8- Statistical Analysis
 - 9- Production of Biofertilizers and Biopesticides
-