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Teaching Course

1) M.Sc

Conducted Researches

- 1) Evaluation of expression changes, isolation and characterization of genes responsible for biotic stress resistance in wild cucurbits, 2021/11/16
- 2) Genetic transformation, expression analysis and evaluation of transgenic plants harboring disease resistance genes from wild cucurbits., 2021/11/16
- 3) Study of effects of some inducers on resistance level of cucumber (*Cucumis sativus* L.) plants against *Fusarium oxysporum* f. sp. *radicis-cucumerinum*, 2023/03/12

Papers in International Journals

- 1) Rezaei Ali, Mahdian Safarali, babaeizad Valiollah, Hashemi-petroudi seyed Hamidreza, Alavi Seyyed Mohammad, 2019/03/30, RT-qPCR Analysis of Host Defense-Related Genes in Nonhost Resistance: Wheat-Bgh Interaction, Russian Journal of Genetics, 55, 330-336
- 2) Tavakol Norabadi Maryam, babaeizad Valiollah, Zare Rasoul, Asgari Bitia, Susca Antonia, 2020/02/15, Isolation, Molecular Identification, and Mycotoxin Production of *Aspergillus* Species Isolated from the Rhizosphere of Sugarcane in the South of Iran, Toxins, 12, 122
- 3) Basavand Esmaeil, Khodaigan Pejman, babaeizad Valiollah, Rahimian Heshmatollah, mir hos, 2020/02/20, Soft rot disease caused by *Klebsiella aerogenes* on *Austrocyllindropuntia subulata* in Iran, Indian phytopathology, 1, 1-1
- 4) Basavand Esmaeil, babaeizad Valiollah, Mirhoseini Hoseinali, Dehghan Nayeri Mojtaba, 2020/05/01, Occurrence of leaf spot disease caused by *Phoma herbarum* on oregano in Iran, JOURNAL OF PLANT PATHOLOGY, 102, 575-576
- 5) Moradi amirabad Yousef, Rahimian Heshmatollah, babaeizad Valiollah, Danman Sandra, 2020/08/20, *Brenneria* spp. and *Rahnella victoriana* associated with acute oak decline symptoms on oak and hornbeam in Iran, FOREST PATHOLOGY, 49, 1-14
- 6) Ganjeh Aram, Rahimian Heshmatollah, babaeizad Valiollah, Basavand Esmaeil, 2020/11/01, Stem and crown gall disease caused by *Agrobacterium tumefaciens* on Golden Euonymus in Iran, JOURNAL OF PLANT PATHOLOGY, 102, 1307-1307
- 7) Basavand Esmaeil, Khodaigan Pejman, Rahimian Heshmatollah, babaeizad Valiollah, Mirhoseini Hoseinali, 2021/01/28, *Pseudomonas syringae* pv. *syringae* as the new causal agent of cabbage leaf blight, JOURNAL OF PHYTOPATHOLOGY, 169, 1-7
- physiology and *Fusarium* wilt disease of Cucumber, Analele Societății Naționale De Biologie Celulară, 25, 2074-20755
- Ali, shahbazi samira, 2021/04/15, Effects of *Trichoderma* and endophytic fungus *Piriformospora indica* on cucumber
- 8) Lava Azad, babaeizad Valiollah, Tajick Ghanbary Mohammad
- 9) Taghipour Maedeh, Rahimian Heshmatollah, babaeizad Valiollah, 2021/04/20, Genetic diversity of *Acidovorax oryzae* in a single site in Mazandaran province, Iran, MOLECULAR BIOLOGY REPORTS, 48, 1-4

- 10) Ashrafi Javad, Rahnema Kamran, babaeizad Valiollah, Ramezanpour Seydeh sanaz, Keel Christoph, 2021/04/28, Induction of Wheat Resistance to STB by the Endophytic Fungus *Serendipita indica* and *Pseudomonas protegens*, *iranian journal of biotechnology*, 19, 30-39

- 11) Valed Saravi Zahra, Rahimian Heshmatollah, babaeizad Valiollah, Barzegar Ali, Dehestani Ali, 2021/05/15, Biological characteristics and phylogeny of sphingomonad strains associated with citrus trees in Northern Iran, *Russian Agricultural Sciences*, 47, 606-613

- 12) Mirhosseini Hossein-Ali, Nasrollahnejad Saeed, babaeizad Valiollah, 2021/06/28, EXAMINING THE EFFECT OF SALICYLIC ACID AND JASMONIC ACID ON THE EXPRESSION OF PR1, NPR1, PAL AND WRKY GENES OF MELON AGAINST ZUCCHINI YELLOW MOSAIC VIRUS, *International Journal of Modern Agriculture*, 10, 4375-4384

- 13) Mortezaia Hamideh, Rahimian Heshmatollah, babaeizad Valiollah, Barzegar Ali, Dehestani Ali, 2021/10/15, Preliminary characterization and phylogeny of sphingomonad occurring on Stone and Pome Fruit Trees in Northern Iran, *BIOLOGIA*, 1, 3811-3825

- 14) Rezaei Ali, Mahdian Safarali, Hashemi-petroudi seyed Hamidreza, babaeizad Valiollah, Rahimian Heshmatollah, Goodwin Paul, 2022/02/18, Correction to: Nonhost resistance EST profiling of wheat interacting with *Blumeria graminis* f. sp. *hordei* identifies genes for durable resistance to powdery mildew, *EUROPEAN JOURNAL OF PLANT PATHOLOGY*, 162, 1-15

- 15) Rezaei Ali, Alavi Seyed Mohammdd, Goodwin Paul H., Yaghoobian Yasser, Mousavi Seyyed Hossein, Sharifnabi Bahram, babaeizad Valiollah, 2022/04/01, Comparing host genotype, defense gene expression and PSII parameters to assess non-stressed and stressed rice inoculated with *Serendipita indica*, *ACTA PHYSIOLOGIAE PLANTARUM*, 44, 1-14

- 16) Asadi Esmaeil, Rahimian Heshmatollah, babaeizad Valiollah, Basavand Esmaeil, 2024/05/08, *Staphylococcus warneri*, an unconventional plant pathogen involved in canker disease of almond and other *Prunus* species, *PLANT PATHOLOGY*, 37, 1719-1729

Papers in National Journals

- 1) Ahangar Leila, Ranjbar Farahabadi Gholam Ali, babaeizad Valiollah, Najafi Zarrini Hamid, Biabani Abbas, 2017/06/12, Assay of NPR1 gene expression in wheat under powdery mildew stress, *journal of crop protection*, 6, 157-166

- 2) Zare Moslem, Nematzadeh Gorban Ali, Kazemitabar Seyed Kamal, Dehestani Ali, babaeizad Valiollah, 2019/03/15, Differential expression of CsWRKY genes reduced damage in Soy protein hydrolysate-treated cucumber plants infected with *Fusarium oxysporum*, *crop breeding journal*, 8, 85-98

- 3) Bavand Savadkoobi Sorena, Mahdian Safarali, babaeizad Valiollah, Tajick Ghanbary Mohammad Ali, 2019/11/30, Identification of *Phomopsis* species on some ornamental and forest plants in Iran on the basis of the morphological and molecular, *journal of ornamental plants*, 9, 223-231

- 4) Mofidnakhai Maryam, Abdossi Vahid, Dehestani Ali, Pirdashti Hemmatollah, babaeizad Valiollah, 2021/01/02, Enhanced defense responses in *Pythium ultimum*-challenged cucumber plants induced by potassium phosphite, *journal of plant molecular breeding*, 6, 24-33

- 5) Samavi Siavash, Rahimian Heshmatollah, Bagheri Abdoolnabi, babaeizad Valiollah, 2022/04/14, rep-PCR demonstrates a clear cut genetic differentiation of *Candidatus Liberibacter asiaticus* isolates infecting mandarin trees in Hormozgan and Sistan and Baluchestan provinces of Iran, *journal of crop protection*, 11, 71-83

- 6) Naeim abadi Tahminea, Tajick Ghanbary Mohammad Ali, Abbasi Moghaddam Ali, babaeizad Valiollah, 2023/02/14, Variation among *Fusarium oxysporum* f. sp. *ciceris* isolates causing chickpea root and crown rot from Kurdistan province, *mycologia iranica*, 9, 85-95

- 7) Asghari Arefeh, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Bakhshi Mounes, 2023/07/25, Bioactive potential and GC-MS fingerprinting of extracts from endophytic fungi associated with seeds of some medicinal plants, *mycologia iranica*, 10, 55-67

8) Esfehiani Leila, babaeizad Valiollah, Rahimian Heshmatollah, Dehestani Ali, 2023/12/25, Alterations in antioxidant enzyme activities in rice plants treated with various abiotic inducers against the bacterial blight agent *Xanthomonas oryzae* pv. *oryzae*, journal of plant molecular breeding, 11, 41-53

9) miri seyedeh fatemeh, Tajick Ghanbary Mohammad Ali, Pirdashti Hemmatollah, Yaghoobian Yasser, babaeizad Valiollah, 2024/05/16, Screening of some filamentous fungi for cadmium tolerance in aquatic environments, mycologia iranica, 11, 67-75

10) jolai mahsa, Pirdashti Hemmatollah, Dehestani Ali, babaeizad Valiollah, MehrabanJoubani Pooyan, 2025/04/21, Nitric oxide-induced modulation of physiological and molecular responses in tomato (*Solanum lycopersicum* L.) plants infected with *Xanthomonas perforans*, journal of plant molecular breeding, 13, 39-59

11) Moradi Namdar, Rahimian Heshmatollah, Dehestani Ali, babaeizad Valiollah, Yaghoobian Yasser, 2017/08/02, Screening of cucumber cultivars resistant to powdery mildew and comparative assessment of chlorophyll fluorescence in resistant and susceptible cultivars, None, 31, 466-474

Presented Papers in International Conferences

1) Moradi Namdar, Rahimian Heshmatollah, Dehestani Ali, babaeizad Valiollah, shabani samira, 2nd international and 10th national biotechnology congress of Islamic republic of Iran, poster presentation, complete article, cDNA-AFLP-based Comparative analysis of differentially regulated genes in resistant and susceptible cucumber cultivars infected with *Sphaerotheca fuliginea*, 2017/08/29, 2017/09/01

2) Moradi Namdar, Rahimian Heshmatollah, Dehestani Ali, babaeizad Valiollah, Shabani Samira, First International Conference on Modern Technologies in Sciences, poster presentation, complete article, Control of cucumber powdery mildew caused by *Sphaerotheca fuliginea* by potassium phosphite, 2017/09/07, 2017/09/07

3) Moradi Namdar, Rahimian Heshmatollah, Dehestani Ali, babaeizad Valiollah, Shabani Samira, First International Conference on Modern Technologies in Sciences, poster presentation, complete article, Differential gene expression analysis in cucumber (*Cucumis sativus* L.) infected with *Sphaerotheca fuliginea*: a cDNA-AFLPbased study, 2017/09/07, 2017/09/07

4) Sedaghati Elham, babaeizad Valiollah, Mohammadi Sharif Mahmood, Ashrafi Seyad Yaser, 4 th international congress and 5th national conference on biotechnology of medicinal plants and mushrooms, poster presentation, complete article, Efficacy of eucalyptus (*Eucalyptus camaldulensis*) essential oil and extract in controlling of citrus green mold disease (*Penicillium digitatum*), 2022/10/18, 2022/10/19

5) babaeizad Valiollah, 4 th international congress and 5th national conference on biotechnology of medicinal plants and mushrooms, poster presentation, complete article, The symbiotic fungus *Serendipita indica* is a potential factor in the induction of different metabolites in medicinal plants, 2022/10/18, 2022/10/19

6) Mahdavi Mohammad, babaeizad Valiollah, IV. BASHKENT International Conference on Multidisciplinary Studies, poster presentation, complete article, Bioinformatic evaluation of amino acid sequence of RecA protein and nucleotide sequence of RecA gene region among plant pathogenic species of *Agrobacterium*, 2023/08/04, 2023/08/06

7) Azari sagharlo Asghar, Rahimian Heshmatollah, babaeizad Valiollah, Engineering and agriculture management and stable natural resources-, poster presentation, complete article, Molecular characterization of *Xanthomonas* associated with canker pear trees, 2016/02/04, 2016/02/04

8) Azari sagharlo Asghar, Rahimian Heshmatollah, babaeizad Valiollah, Engineering and agriculture management and stable natural resources, poster presentation, complete article, *Xanthomonas* species or pathovars associated with canker of pear trees, 2016/02/04, 2016/02/04

9) asadi bahzad, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Rahimian Heshmatollah, -Second International Congress and Fourteenth National Congress of Crop Sciences of Iran, poster presentation, complete article, PR1 study the role of genes in rice resistance to the fungus *Gibberella fujikuroi*, 2016/08/30, 2016/09/01

- 10) asadi bahzad, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Rahimian Heshmatollah, Second International Congress and Fourteenth National Congress of Crop Sciences of Iran, poster presentation, complete article, PR9 gene expression in the interaction Shiroodi and mountain rice varieties with fungus *Gibberella fujikuroi* using Quantitative Real-time RCR q PCR techniques, 2016/08/30, 2016/09/01
- 11) Rasuli- Miankaleh Farahnaz, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Rahimian Heshmatollah, 2nd International Conference on New Horizons in the Engineering Science, poster presentation, complete article, *Coniochaeta velutina* a new record for mycoflora of Iran, 2018/08/09, 2018/08/09
- 12) Rasuli- Miankaleh Farahnaz, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Rahimian Heshmatollah, 2nd International Conference on New Horizons in the Engineering Science, poster presentation, complete article, *Coniochaeta velutina* new record for mycoflora of Iran, 2018/08/09, 2018/08/09
- 13) Sadeghi Nichkoohi Mohadeseh, Moradi Zohreh, Mehrvar Mohsen, babaeizad Valiollah, 13th National and 5th International Biotechnology Congress of the Iranian Biotechnology Society, poster presentation, brief article, Molecular detection of P2 gene of alfalfa mosaic virus infecting *Malva sylvestris* in Iran, 2023/10/08, 2023/10/10
- 14) Sadeghi Nichkoohi Mohadeseh, Moradi Zohreh, Mehrvar Mohsen, babaeizad Valiollah, 13th National and 5th International Biotechnology Congress of the Iranian Biotechnology Society, poster presentation, brief article, Sequence analysis of 2a gene of mallow isolate of cucumber mosaic virus in Iran, 2023/10/08, 2023/10/10

Presented Papers in National Conferences

- 1) Fatahi Saravi Nouna, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Mahdian Safarali, Kiya Shaban, Third National Conference on Agricultural Biotechnology, poster presentation, complete article, Screening of some commercial wheat cultivars against the fungus *Septoria tritici*, 2012/09/03, 2012/09/05
- 2) mohamadi sogand, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Rahimian Heshmatollah, The 8th Biotechnology Conference of the Islamic Republic of Iran and the 4th National Bioethics Conference, poster presentation, brief article, Evaluation of secreted proteins by *Rhizoctonia solani*, 2013/07/06, 2013/07/06
- 3) mohamadi sogand, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Rahimian Heshmatollah, The 8th Biotechnology Conference of the Islamic Republic of Iran and the 4th National Bioethics Conference, poster presentation, brief article, Investigating the *Fusarium* Multiple Pectinase Activity, 2013/07/06, 2013/07/06
- 4) Asghari Arefeh, babaeizad Valiollah, Tajick Ghanbary Mohammad Ali, Mahdian Safarali, Fatahi Saravi Nouna, Eighth National Congress of Biotechnology and Fourth National Conference Biosafety on Iran, poster presentation, complete article, Molecular evaluation of two commercial cultivars reaction against brown rust fungus *Puccinia triticina*, 2013/07/06, 2013/07/08
- 5) Ahangar Leila, Ranjbar Farahabadi Gholam Ali, babaeizad Valiollah, Najafi Zarrini Hamid, Biabani Abbas, Eighth Conference of the Islamic Republic of Iran Biotechnology and the Fourth National Conference on Biosafety, poster presentation, complete article, Evaluation of sensitive Iranian wheat genotypes powdery to mildew on wheat, 2013/07/06, 2013/07/08
- 6) Fatahi Saravi Sayedeh Nouna, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Mahdian Safarali, Kiya Shaban, Asghari Arefeh, Eighth National Congress of Biotechnology and Fourth National Conference Biosafety on Iran, poster presentation, complete article, Study of the interaction of several commercial wheat cultivars against *Septoria* leaf blotch disease, 2013/07/06, 2013/07/08
- 7) Ahangar Leila, Ranjbar Farahabadi Gholam Ali, babaeizad Valiollah, Najafi Zarrini Hamid, Biabani Abbas, Eighth Conference of the Islamic Republic of Iran Biotechnology and the Fourth National Conference on Biosafety, announcer, complete article, Bioinformatic study of powdery mildew resistance genes at the *pm3* locus in wheat, 2013/07/06, 2013/07/08
- 8) saeedi fatemeh, babaeizad Valiollah, Tajick Ghanbary Mohammad Ali, Rahimian Heshmatollah, The first congress of new technologies to Iran, poster presentation, complete article, *Piriformospora indica* effect on the atmosphere interacts with the powdery mildew fungus, 2014/05/24, 2014/05/26

- 9) Asghari Arefeh, babaeizad Valiollah, Tajick Ghanbary Mohammad Ali, Mahdian Safarali, First International Congress And the Thirteenth Congress of Genetics in Iran, poster presentation, complete article, Expression analysis of PAL and PR3 genes in two cultivars of wheat against leaf rust fungus *Puccinia triticina* E., 2014/05/24, 2014/05/26

- 10) dolst khuy ebrahim, Rahimian Heshmatollah, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, First National Congress of Biology and Natural Sciences Iran, poster presentation, complete article, Evaluation of the genetic diversity of isolates associated with a wave spot disease RICE, 2014/05/24, 2014/05/26

- 11) dolst khuy ebrahim, Rahimian Heshmatollah, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, First National Congress of Biology and Natural Sciences Iran, poster presentation, complete article, Identification and isolation of the factors associated with blight disease of rice in Mazandaran, 2014/05/24, 2014/05/26

- 12) saeedi fatemeh, babaeizad Valiollah, Tajick Ghanbary Mohammad Ali, Rahimian Heshmatollah, The first congress of new technologies to Iran, poster presentation, complete article, Check salicylic acid in the atmosphere by induction of resistance against powdery mildew fungus, 2014/05/24, 2014/05/26

- 13) pas ghale aliabadi kobra, babaeizad Valiollah, Rahimian Heshmatollah, Tajick Ghanbary Mohammad Ali, Iranian Plant Protection Congress, poster presentation, brief article, Expression of genes associated with virulence pr5 and pr9 in two genotypes interact with the fungus *fusarium graminearum*, 2014/08/23, 2014/08/25

- 14) Ahangar Leila, Ranjbar Farahabadi Gholam Ali, babaeizad Valiollah, Najafi Zarrini Hamid, Biabani Abbas, 21st Iranian Plant Protection Congress, poster presentation, brief article, Studying of phenylalanine ammonia-lyase in wheat susceptible to powdery mildew after treatment with *Piriformospora indica* and salicylic acid, 2014/08/23, 2014/08/26

- 15) Ahangar Leila, babaeizad Valiollah, Ranjbar Farahabadi Gholam Ali, Najafi Zarrini Hamid, Biabani Abbas, 21st Iranian Plant Protection Congress, poster presentation, brief article, Cloning and bioinformatics assay of wheat NPR1 gene, 2014/08/23, 2014/08/26

- 16) rahimlu saleh, babaeizad Valiollah, Sayari Mohammad, Tajick Ghanbary Mohammad Ali, Twenty Iranian Plant Protection Congress, poster presentation, brief article, Qualitative methods to determine lignin-degrading enzyme production in a few fungi, 2014/08/23, 2014/08/26

- 17) pas ghale aliabadi kobra, babaeizad Valiollah, Rahimian Heshmatollah, Tajick Ghanbary Mohammad Ali, Twenty Iranian Plant Protection Congress, poster presentation, brief article, Varying degrees of resistance in a number of barley cultivars against *fusarium graminearum*, 2014/08/23, 2014/08/26

- 18) rahimlu saleh, babaeizad Valiollah, Sayari Mohammad, Tajick Ghanbary Mohammad Ali, Twenty Iranian Plant Protection Congress, poster presentation, brief article, Asexual spore formation in two species of fungi of the genus *hyphodermella*, 2014/08/23, 2014/08/26

- 19) rahimlu saleh, babaeizad Valiollah, sayari mohamad, Tajick Ghanbary Mohammad Ali, Twenty Iranian Plant Protection Congress, poster presentation, brief article, The pomegranate fruit spot disease in East Mazandaran province., 2014/08/23, 2014/08/26

- 20) dolst khuy ebrahim, Rahimian Heshmatollah, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, First National Congress of Biology and Natural Sciences of Iran, poster presentation, brief article, Evaluation of genetic diversity of isolated isolates associated with rice blotch disease in Mazandaran province, 2014/12/11, 2014/12/11

- 21) dolst khuy ebrahim, Rahimian Heshmatollah, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, First National Congress of Biology and Natural Sciences of Iran, poster presentation, brief article, Detection and differentiation of factors related to rice burn disease in Mazandaran province, 2014/12/11, 2014/12/11

- 22) Rezaei Ali, babaeizad Valiollah, Mahdian Safarali, First National Conference on Agriculture, Environment and Food Security, poster presentation, complete article, Study of non-host resistance of wheat Sea cultivar against powdery mildew *Blumeria graminis* f. sp. *hordei* at the microscopic level, 2015/03/03, 2015/03/03

- 23) Moradi amirabad Yousef, Rahimian Heshmatollah, babaeizad Valiollah, New findings in environmental and agricultural ecosystems-, poster presentation, complete article, Isolation of *Rahnella victoriana* associated with bacterial wetwood from hornbeam (*Carpinus betulus*) in Mazandaran, 2015/07/06, 2015/07/06

24) Hoseinzadeh maryam, babaeizad Valiollah, Dehghan Nayeri Mojtaba, Rahimian Heshmatollah, -New findings in environmental and agricultural ecosystems, poster presentation, complete article, investigation of salicylic acid effect on tobacco plant in challenging with wildfire of tobacco disease, 2015/07/06, 2015/07/06

25) jafari petroudi seyedeh fatemeh, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Ghasemi Omran Valiollah, Modern technologies of Congress, poster presentation, complete article, Nsym two varieties of soybean peroxidase activity in interaction with mushrooms phaseolina *Macrophomina*, 2015/08/23, 2015/08/25

26) jafari petroudi seyedeh fatemeh, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Ghasemi Omran Valiollah, Modern technologies of Congress, poster presentation, complete article, Review of *Macrophomina phaseolina* pathogenicity on some soybean cultivars, 2015/08/23, 2015/08/25

27) jafari petroudi seyedeh fatemeh, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Ghasemi Omran Valiollah, Modern technologies of Congress, poster presentation, complete article, Check catalase activity of two cultivars of soybean in cooperation with mushrooms phaseolina *Macrophomina*, 2015/08/23, 2015/08/25

28) Karimi Mohmmadjavad, Mahdian Safarali, babaeizad Valiollah, The second national conference on new technologies in agriculture and natural resources, poster presentation, complete article, Biosynthesis of silver nanoparticles using aqueous extract of nettle, 2015/10/15, 2015/10/15

29) Ghahari Meherasa, Mahdian Safarali, babaeizad Valiollah, Tajick Ghanbary Mohammad Ali, The first national conference on agricultural development, healthy earth, poster presentation, complete article, The role of the resistance genes in wheat against root rot disease caused by *Fusarium graminearum*, 2016/01/20, 2016/01/20

30) Mofidnakhaei Maryam, Abdusi vahid, Dehestani Ali, Pirdashti Hemmatollah, babaeizad Valiollah, 9 Iranian Horticultural Sciences Congress, poster presentation, complete article, Potassium phosphite impact on the amount of peroxidase activity, root and shoot fresh weight of cucumber under *Pythium* fungus, 2016/01/25, 2016/01/28

31) pad fer, pad fer, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, a, poster presentation, complete article, a, 2016/09/08, 2016/09/08

32) Ghahari Meherasa, Mahdian Safarali, babaeizad Valiollah, Tajick Ghanbary Mohammad Ali, Conference on research findings and technology in natural ecosystems and agriculture, poster presentation, complete article, Peroxidase gene expression in Wheat colonized by the endomycorrhize fungus *Piriformospora indica* after infection with *Fusarium graminearum*, 2016/09/08, 2016/09/08

33) Moradi Namdar, Dehestani Ali, Rahimian Heshmatollah, babaeizad Valiollah, National Conference on Research and Technology Finding in Natural and Agricultural Ecosystems, poster presentation, complete article, Evaluation of leaf chlorophyll florescence parameters in resistant and susceptible cucumber cultivars infected with powdery mildew, 2016/10/19, 2016/10/19

34) Moradi Namdar, Dehestani Ali, Rahimian Heshmatollah, babaeizad Valiollah, National Conference on Research and Technology Finding in Natural and Agricultural Ecosystems, poster presentation, complete article, Assessment of cucumber cultivars for resistance to powdery mildew caused by *S. fuliginea*, 2016/10/19, 2016/10/19

35) Moradi Namdar, Dehestani Ali, Rahimian Heshmatollah, babaeizad Valiollah, National Conference on Research and Technology Finding in Natural and Agricultural Ecosystems, poster presentation, complete article, Assessment of potassium phosphite control effect on cucumber powdery mildew caused by *Sphaerotheca fuliginea*, 2016/10/19, 2016/10/19

36) Moradi Namdar, Dehestani Ali, Rahimian Heshmatollah, babaeizad Valiollah, National Conference on Research and Technology Finding in Natural and Agricultural Ecosystems, poster presentation, complete article, Comparative assessment of leaf chlorophyll content and and the activity of H₂O₂ eliminating enzymes of two powdery mildew infected resistant and susceptible cucumber cultivars, 2016/10/19, 2016/10/19

37) Karam Nejadi Tohid, babaeizad Valiollah, Rahimian Heshmatollah, National Conference on Science and Technology, poster presentation, complete article, PR1b gene expression in non-host resistance against bacteria *Pseudomonas syringae* pv. *syringae* tobacco, 2017/01/22, 2017/01/22

38) Karam Nejadi Tohid, babaeizad Valiollah, Rahimian Heshmatollah, National Conference on Science and Technology, poster presentation, complete article, PAL gene expression in non-host resistance against bacteria tobacco *Pseudomonas syringae* pv.*syringae*, 2017/01/22, 2017/01/22

39) Abazari Azita, Mahdian Safarali, babaeizad Valiollah, Alavi Seyyed Mohammad, First International and Second National Conference of Agriculture, Environment and Food Security, poster presentation, complete article, Expression of genes associated with virulence in wild barley against powdery mildew fungus *Blumeria graminis* f.sp. *hordei*, 2017/02/28, 2017/02/28

40) Khalili Darka Ghobad, Mahdian Safarali, babaeizad Valiollah, Ebrahimnezhad Shahpour, First International and Second National Conference of Agriculture, Environment and Food Security, poster presentation, complete article, Evaluation of sensitivity of some varieties of wheat against powdery mildew fungus *Blumeria graminis* f.sp. *tritici*, 2017/02/28, 2017/02/28

41) Gohardehi Shirin, Mahdian Safarali, babaeizad Valiollah, First International and Second National Conference of Agriculture, Environment and Food Security, poster presentation, complete article, Efficacy of some metal nanoparticles and extract of Garlic and Walnuts plants in control of citrus green mold (*Penicillium digitatum*)., 2017/02/28, 2017/02/28

42) Ataei salami Taktem, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Mahdian Safarali, Third National Conference on Applied Microbiology in Iran, poster presentation, brief article, Isolation and identification of endophytic fungi of free branches and hornbeam in southern areas of Sari city, 2017/05/24, 2017/05/24

43) Ataei salami Taktem, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Mahdian Safarali, Third National Conference on Applied Microbiology in Iran, poster presentation, complete article, Isolation and identification of endophytic fungi of free branches and hornbeam in southern areas of Sari city, 2017/05/24, 2017/05/24

44) Ataei salami Taktem, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Mahdian Safarali, Seventh Agricultural and Sustainable Natural Resources Conference, poster presentation, brief article, Isolation and Identification of Endophytic Fungi of Sarakhs from Shahid Zareh Sari Forest, 2017/07/05, 2017/07/05

45) Nasiri Narges, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Moojerloo Shideh, Sixth National Congress of Biology and Natural Sciences of Iran, poster presentation, complete article, Identification of endophytes isolated from seeds, 2019/02/13, 2019/02/13

46) Nasiri Narges, Tajick Ghanbary Mohammad Ali, babaeizad Valiollah, Moojerloo Shideh, Sixth National Congress of Biology and Natural Sciences of Iran, poster presentation, complete article, Identification of endophytes isolated from two Graminea, 2019/02/13, 2019/02/13

47) Rezaee Omid, Barzegar Ali, Abbasi Mozghan, babaeizad Valiollah, 1st National Conference on Modern Researches in Biological Sciences, announcer, complete article, Evaluation of Dorsban effect on mesenchymal stem cell survival, 2022/02/03, 2022/02/03

48) Rezaee Omid, Barzegar Ali, Abbasi Mozghan, babaeizad Valiollah, 1st National Conference on Modern Researches in Biological Sciences, announcer, complete article, study of the role of epigenetics in the differentiation of mesenchymal stem cells into adipocytes, 2022/02/03, 2022/02/03

49) Lotfi Fatemeh, babaeizad Valiollah, Mahdian Safarali, Moradi Zohreh, 24 th Iranian Plant Protection Congress, poster presentation, brief article, Occurrence and spread of acacia leaf scorch disease in Mazandaran province, 2022/09/03, 2022/09/06

50) Ghasemi Atiah, babaeizad Valiollah, Tajick Ghanbary Mohammad Ali, Moradi Zohreh, 10th National Conference on Modern Studies and Research in Biology and Natural Sciences of Iran, poster presentation, complete article, *Aspergillus* associated with Tarem rice seeds in Mazandaran province, 2023/09/11, 2023/09/11

51) Khademian Elham, babaeizad Valiollah, Tajick Ghanbary Mohammad Ali, Moradi Zohreh, 10th National Conference on Modern Studies and Research in Biology and Natural Sciences of Iran, poster presentation, complete article, Molecular identification of the causative agent of citrus tear spot disease in different regions of Mazandaran, 2023/09/11, 2023/09/11

- 52) Ghasempour Ghadikolai Roya, babaeizad Valiollah, Moradi Zohreh, 10th National Conference on Modern Studies and Research in Biology and Natural Sciences of Iran, announcer, complete article, The first report of *Colletotrichum gloeosporioides* as the cause of avocado leaf spot in Iran, 2023/09/11, 2023/09/11
- 53) Ghasemi Atieh, babaeizad Valiollah, Tajick Ghanbary Mohammad Ali, Moradi Zohreh, 10th National Conference on Modern Studies and Research in Biology and Natural Sciences of Iran, poster presentation, complete article, *Fusarium* associated with Tarom rice seeds in Mazandaran province, 2023/09/11, 2023/09/11
- 54) Khademian Elham, babaeizad Valiollah, Tajick Ghanbary Mohammad Ali, Moradi Zohreh, 10th National Conference on Modern Studies and Research in Biology and Natural Sciences of Iran, announcer, complete article, Investigating the morphological characteristics of the causative agent of citrus tear spot disease in Mazandaran province, 2023/09/11, 2023/09/11
- 55) Mahdavi Mohammad, Safarnejhad Zahra, babaeizad Valiollah, 25th Iranian Plant Protection congress, poster presentation, brief article, Investigation of phylogenetic relationships using Hsp70 protein marker in *Bacillus subtilis* and *B. thuringiensis*, 2024/09/07, 2024/09/10
- 56) Kazemian Masoumeh, babaeizad Valiollah, Moradi Zohreh, The 25th Iranian Plant Protection Congress, poster presentation, brief article, Occurrence of *Alternaria alternata* leaf spot disease of Japanese holly in the east of Mazandaran province, 2024/09/07, 2024/09/10
- 57) Hatami Sima, babaeizad Valiollah, Beiki Farid, Moradi Zohreh, The 25th Iranian Plant Protection Congress, poster presentation, brief article, Biological control of citrus green mold by epiphytic yeasts, 2024/09/07, 2024/09/10
- 58) Ebrahimi Mariam, babaeizad Valiollah, Tajick Ghanbary Mohammad Ali, 25th Iranian Plant Protection congress, poster presentation, brief article, Occurrence of pomegranate black spot disease caused by *Cytospora punicae* fungus in Mazandaran province, 2024/09/07, 2024/09/10
- 59) Mahdavi Mohammad, Pour- shaban hosein, Katal Ali, babaeizad Valiollah, Tajick Ghanbary Mohammad Ali, 25th Iranian Plant Protection congress, poster presentation, brief article, Bioinformatic investigation of Pathogenesis-Related protein-9 (PR-9) in 4 species of crop plants belonging to Poaceae family, 2024/09/07, 2024/09/10
- 60) Tavakkoli Sedighe, babaeizad Valiollah, Mahdavi Mohammad, 25th Iranian Plant Protection congress, poster presentation, brief article, Occurrence of canker disease of avocado seedlings caused by *Botryosphaeria dothidea* fungus in Iran, 2024/09/07, 2024/09/10

Awards & Honors (in terms of: paper, project, etc...)

- 1) Bioteripin Plant Growth Stimulation Process, national, Other, 2016/06/15
- 2) Top researcher of University, in university, research festival, 2018/11/22