

## CURRICULUM VITAE (CV)

- Name: **Mohammad Ali**
  - Surname: **Ebrahimi**
  - Affiliation: **Professor**
  - Nationality: Iranian
  - Date of Birth: 22.12.1969
  - Languages: Persian, English
  - Address: Department of Agricultural Biotechnology,  
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### EDUCATION

- **Ph.D.**, Department of Plant Biotechnology, University of Pune, Pune, India.  
Major: Plant Biotechnology, 2004-2008.  
Thesis: Exploration of biotechnological strategies for propagation and production of secondary metabolites in *Tribulus terrestris* L. and *Ceropegia bulbosa* Roxb.
- **M.Sc.** of Agronomy. 1993-1995.
- **B.Sc.**, of Agronomy and Plant Breeding, 1988-1993

- **RESEARCH INTEREST**

Plant Biotechnology, Medicinal Plant Biotechnology Plant Tissue Culture, Plant Breeding

### MANAGING EXPERIENCES

- Director, International Center, Payame Noor University, Tehran, Iran. (2018- onwards)
- Director, Examination and Assessment Center, Payame Noor University, Tehran, Iran (2015-2018).
- General Director of Editing, Book and Educational Content, Payame Noor University, Tehran, Iran (2013-2015).
- Principle, Collage of North Tehran, Payame Noor University, Tehran, Iran (2012- 2014).
- Principle, Collage of Rey, Payame Noor University, Tehran, Iran (2010- 2012)
- Head of Department, Department of Biotechnology, Payame Noor University, Tehran, Iran (2009-2013).
- General Director, Post Graduated Office, Collage of Karaj, Payame Noor University, Karaj, Iran (2009- 2011).
- Principle, Collage of Hatef, Zahedan, Iran (2010- 2011).
- General Director of Education, Islamic Azad University of Zahedan, Zahedan, Iran (1996-2003).
- Head of Department, Department of Agronomy and Plant Breeding, Islamic Azad University of Zahedan, Zahedan, Iran (1995-1996).

### APPOINTMENTS

- Professor, Department of Agricultural Biotechnology, University of Payame Noor, Tehran, Iran (Since 2019)

- Associate Professor, Department of Agricultural Biotechnology, University of Payame Noor, Tehran, Iran (2013-2019)
- Assistant Professor, Department of Agricultural Biotechnology, University of Payame Noor, Tehran, Iran (2009-2013)
- Assistant Professor, Department of Agronomy and Plant Breeding, Islamic Azad University of Zahedan, Zahedan, Iran (Since 2008-2009)
- Lecturer, Department of Agronomy and Plant Breeding, Islamic Azad University of Zahedan, Zahedan, Iran (Since 1995-2009)
- Postgraduate Researcher (PGR) Step 3, Department of Plant Biotechnology, University of Pune, Pune, India. (2004-2008)
- Member of Editorial Board, Journal of Crop Biotechnology, Payame Noor University (Since 2011)
- Member of Editorial Board, Iranian Journal of Rangelands Forests Plant Breeding and Genetic Research, Research Institute Forests and Rangelands. (Since 2014)
- Managing Editor, Journal of Crop Biotechnology, Payame Noor University (Since 2011)

### **TEACHING EXPERIENCES**

#### Upper Graduate:

- Principles of Plant Biotechnology
- Genetic Engineering
- Advanced Tissue Culture
- Advanced Plant Breeding
- Research Methodology
- Plant Growth Regulators
- Physiology of Stresses in Plants

#### Under Graduate:

- Principles of Plant Breeding
- Plant Propagation
- Crop Physiology
- Introduction of Tissue Culture and Biotechnology
- English for Students of Agriculture
- Agronomy of Medicinal Plant

### **MEMBERSHIP IN SCIENTIFIC SOCIETIES**

- Iranian Genetics Society (Since 2014)
- Iranian Association for Biotechnology (Since 2008)
- Iranian Association for Medicinal Plants (Since 2013)
- Iranian Association of Agronomy and Plant Breeding (Since 2013)
- Iranian Association of Proteomics (Since 2015)

### **PEER REVIEWER OF SCIENTIFIC JOURNALS**

- Crop Biotechnology
- Iranian Journal of Rangelands Forests Plant Breeding and Genetic Research
- Agricultural Biotechnology
- Journal of Plant Process and Function
- New Cellular and Molecular Biotechnology Journal
- Iranian Journal of Horticultural Science and Technology

### **WORKSHOPS INSTRUCTOR**

- Techniques for Genetic Engineering, Payame Noor University of Tehran Shargh, 2014.

### **RESEARCH PROJECTS LEADER**

- Effect of planting date on physiological particulars and yield of Canola (*Brassica napus*). 1995.
- Effect of different planting date on crop yield and growth particulars of Sorghum cultivars. 1996.
- Effect of different time urea-foliar application on yield, yield components, grain protein percent, velocity of filling the seed and period of filling the seed of winter wheat (*Triticum aestivum* L.). 1997.
- Investigation on organogenesis of Saffron. 2002.
- Yield and yield components of wheat (Hamoon variety) in conventional and ecological cropping system. 2004.
- Organogenesis, callus culture and in vitro production of harmaline and harmine in *Peganum harmala* L. 2007.
- Analysis and Comparison of some Hyperaccumulator plant in central Alborz. 2010.
- Genetic Diversity Assessment of wild *Prunus* species using coordinates data and molecular markers, 2013.
- Determination of genetic uniformity of transgenic cotton plant resistance to *Heliothis armigera* and *Verticillium dahlia* by using RAPD, ISSR and protein markers. 2014.
- Identification and study of genetic diversity in plant species in order to formulation of conservation strategies (Case study in Almond) 2014.
- Bio-elicitation of  $\beta$ -carboline alkaloids in Cell Suspension Culture of *Peganum harmala* L. 2015.
- Designing highly effective genetically invert fragment by full assessment mutations of seed region siRNA in epitopes omega gliadin. 2016.
- Study on genetic relationship among *Prunus dulcis* by using sequences of ITS1-5.8S rDNA-ITS2 and Chloroplast trnL. 2017.

### **PUBLICATIONS**

#### **Full Research Papers:**

1. Nikam TD, **Ebrahimi MA**, Sawant SR, Jagtap S, Patil PP. (2008) Ecorestoration of *Ceropegia odorata* Hook and *C. maccannii* Ansari an endangered Asclepiad by micropropagation. Asian and Australasian Journal of Plant Science and Biotechnology, 2(2): 80-83.
2. Nikam TD, **Ebrahimi MA**, Patil VA. (2009) Embryogenic callus culture of *Tribulus terrestris* L. A potential alternative source of harmaline, harmine and diosgenin. Plant Biotechnology Report. 3:243-245.
3. Falahzadeh R, Norouzi P, Rajabi A, **Ebrahimi MA**. (2011) Selection of Dominant Homozygous Plants Resistant to Rhizomaniain Cultivated Beta Germplasm Using RAPD-PN3 Marker. New Cellular and Molecular Biotechnology. 1(4): 49-58 (In Persian)
4. Jamali M, **Ebrahimi MA**, Karimipour M, Shams-Ghahfarokhi M, Dinparast-Djadid N, Kalantari, Pilehvar-Soltanahmadi Y, Amani A, Razzaghi-Abyaneh M. (2012) An insight into the distribution, genetic diversity, and mycotoxin production of *Aspergillus* section *Flavi* in soils of pistachio orchards. Folia Microbiologica. 52:27-36.
5. Ebrahimi N, Rajabi Memari H, **Ebrahimi MA**, Roaeie M, (2012) Cloning, Transformation and Expression of Human Gamma Interferon Gene in Tomato (*Lycopersicon esculentum* Mill.). Biotechnology and Biotechnological Equipment 26(2): 2925-2929.

6. Abromand M, **Ebrahimi MA**, Asrafmodars K (2011) Partial purification of Alfa Mannosidase from Soya plant and effect of inhibitor KCN,  $\text{NaN}_3$  and ions  $\text{Co}^{2+}$ ,  $\text{Ni}^{2+}$ ,  $\text{Cu}^{2+}$  and  $\text{Zn}^{2+}$  on enzyme activity in *in vitro*. *Biochemical and Cellular Archives*. 11(2): 127-136.
7. Amininasab R, **Ebrahimi MA**, Ebadi AA, Ghodsi M (2012) Study of genetic variation in Iranian rice (*Oryza sativa* L.) varieties by using molecular markers linked with drought resistance genes. *Crop Biotechnology*. 2: 15-25. (In Persian)
8. Safarnejad MR, Basirat M, **Ebrahimi MA**, Safarpour H, Nazari S, Mahmoudi B, Ataie Kachoeie S (2013) Applying of recombinant protein technology for developing of specific antibody against transmitting agent of rhizomania in sugar beet. *Crop Biotechnology*. 3: 1-12. (In Persian)
9. Takallu S, Davodi D, Omidi M, **Ebrahimi MA**, Ruzbeh F, Raosulnia AR (2013) The effect of titanium dioxide nanoparticles on barley cytogenetical index. *Journal of Agricultural Biotechnology*. 5: 13-25. (In Persian)
10. Rezaei L, Qaderi A, Naghavi MR, **Ebrahimi MA**, Riazi AS, Mehrafarin A, Naghdi Badi H (2012) Assessment of genetic diversity in the populations of *Hypericum perforatum* L. Using AFLP markers. *Journal of Medicinal Plants*. 44: 62-70. (In Persian)
11. Bageri S, Sanjarian F, Haghbeen K, **Ebrahimi MA** (2011) Establishment of cell suspension culture from *Onosma dasytrichum* seed callus culture. *International Research Journal of Applied and Basic Sciences*. 2(10): 392-397.
12. Kazemi Alamuti M, Zeinalabedini M, Mousavi Derazmahalleh M, RoodbarShojaie T, Poor Irandoost Hashem, Zahravi M, Vazifehshenas M, **Ebrahimi MA**, Mojtaba Khayam Nekouei S, Hossini Salekdeh G, Mardi M (2012) Extensive genetic diversity in Iranian pomegranate (*Punica granatum* L.) germplasm revealed by microsatellite markers. *Scientia Horticulturae*. 146: 104-114.
13. Kazemi M, **Ebrahimi MA**, Zeinalabedini M, Mardi M, Roodbar Shojaie T, Pejmanmehr M, Poor Irandoost H. (2013) Genetic diversity of Iranian Sour Pomegranate (*Punica granatum* L.) germplasm based on microsatellite markers. *Seed and Plant Improvement Journal*. 29: 179-197. (In Persian)
14. Badoei-Dalfard A, Amiri-Bahrami M, Riahi-Madvar A, Karami K, **Ebrahimi MA** (2012) Isolation, identification and characterization of organic solvent tolerant protease from *Bacillus* sp. DAF-01. *Biological Journal of Microorganism* 2: 37-48. (In Persian)
15. Karimi Frasad L, Mardi M, **Ebrahimi MA** (2013) Quantitative expression analysis of candidate genes for *Septoria tritici* blotch resistance in wheat (*Triticum aestivum* L.) *Progress in Biological Sciences*. 3: 72-78.
16. Otroshy M, Khalili Z, **Ebrahimi MA**, Khayamnekoui M, Moradi K (2013) Effect of growth regulators and explant on plant regeneration of *Solanum lycopersicum* var. cerasiformel. *Russian Agricultural Sciences*. 36: 226-235.
17. **Ebarhimi MA** (2013) Influence of growth regulator on organogenesis and production of tropane alkaloids in regenerated shoots and roots of *Datura inoxia* Mill. *Advanced Crop Science*. 3(8): 525-534.
18. Abdolrasouli N, Rajabi Memari H, Roayaei Ardakani M, **Ebrahimi MA**, Ebrahimi N (2013) Production of human alpha 2b interferon in *E. coli* expression system. *Jundishapur Sciences of Medical Journal*. 12(3): 325-334. (In Persian)

19. Behforozi E, Isazadeh Kh, Khoshkholgh M, **Ebrahimi MA** (2012) The antibacterial activity and phytochemical of *Capsicum annuum* on Isolated *Erwinia carotovora* from tomato. *Biotechnology of Environmental Microorganisms*. 69(1): 1-10.
20. Alizadeh M, Nematzadeh Gh, **Ebrahimi MA**, Hashemi SH (2013) Fingerprinting of some rice (*Oryza sativa* L.) germplasm via AFLP markers. *Crop Biotechnology*. 4: 53-60. (In Persian)
21. **Ebrahimi MA**, Zienalabedini M (2013) Application of genomic and unigene-based microsatellite markers in conservation and management of genetic resources of some Iranian crops. *Crop Biotechnology*. 4: 131-146. (In Persian)
22. Tahmasbi Z, Tahmasbi Gh, Osfoori R, **Ebrahimi MA**, Babaei M (2013) Foraging and pollen gathering behavior of worker bees in high and low honey production colonies of Iranian honeybee (*Apis mellifera* meda). *Animal Research Science*. 23(2): 61-72. (In Persian)
23. **Ebrahimi MA**, Payan A (2013) Induction of Callus and Somatic Embryogenesis from Cotyledon Explants of *Fagonia indica* Burm. *Journal of Medicinal Plants and By-products* 2: 209-214.
24. Ismaili A, Talebi B, Drikvand R, **Ebrahimi MA**, Hosseinpour T (2013) Study of genetic diversity among Hull-Less and hulled rain-fed barley genotypes using SSR Marker. *Crop Biotechnology*. 5:103-113. (In Persian)
25. Bagheri S, Shabani L, Ahmadi-Khoei M, Heydarizadeh P, **Ebrahimi MA** (2013) Effect of two *Arbuscular mycorrhizal* fungi on growth and nutrient uptake in different genotypes of *Mentha spicata* L. *Journal of Plant Process and Function*. 2: 13-24. (In Persian)
26. Samimifar P, Dehnad A, **Ebrahimi MA**, Bakhshi Khaniki Gh, Tahmasebpour B (2013) Molecular analysis of bacterial gene coding chitinase enzymes, family 19 Streptomyces. *Intentional Journal of Science Inventions Today*. 2(6): 567-578.
27. Shahbazi S, Ahari Mostafavi H, **Ebrahimi MA**, Askari H, Mirmajlesi M, Karimi M (2013) Enhancement of chitinase gene activity in mutated *Trichoderma harzianum* via Gamma Radiation. *Crop Biotechnology*. 5: 33-40. (In Persian)
28. Samimifar P, Dehnad A, **Ebrahimi MA**, Bakhshi Khaniki Gh, Tahmasebpour B (2013) Chitinase as the most important secondary metabolites of streptomyces bacteria. *Intentional Journal of Science Inventions Today*. 2(6): 579-589.
29. Jafary H, Ansari MN, Ebrahimi M.A., Taheri M, Dastkar E (2013) Analyses of Quantitative Trait Loci Involved in Production of Enzymes Conferring Salt Tolerance in Barley (*Hordeum vulgare* L.). *Crop Biotechnology*. 5: 117-127. (In Persian)
30. Samimifar P, Dehnad A, **Ebrahimi MA**, Bakhshi Khaniki Gh, Tahmasebpour B (2013) The biological control of Streptomyces as an effective method for controlling plant diseases. *International Journal of Scholarly Research Gate*. 1(4): 61-67.
31. Ramezani H, **Ebrahimi MA** (2014) Biological control of reniform nematode on sunflower through some bioagents. *International Journal of Biological & Pharmaceutical Research*. 5(10): 786-789.
32. Shahbazi S, Ispareh K, Karimi M, Askari H, Ebrahimi MA (2014) Gamma and UV radiation induced mutagenesis in *Trichoderma reesei* to enhance celluloses enzyme activity. *International Journal of Farming and Allied Sciences*. 3(5): 543-554.

33. Jannatdoust M, Darvishzadeh R, **Ebrahimi MA** (2014) Studying genetic diversity in confectionery sunflower (*Helianthus annuus* L.) by using microsatellite markers. *Crop Biotechnology*. 6: 61-72. (In Persian)
34. Shahbazi S, Karimi M, **Ebrahimi MA** (2014) Investigation of Sequence-Tagged Site (STS) in chitinase gene of gamma radiated *Trichoderma viride* isolates. *International Journal of Farming and Allied Sciences*. 3(11):1129-1136.
35. Bagheri S, **Ebrahimi MA**, Davazdahemami S, Minooyi Moghadam J (2014) Terpenoids and phenolic compounds production of mint genotypes in response to Mycorrhizal Bio-elicitors. *Technical Journal of Engineering and Applied Sciences*. 4(4)339-348.
36. Ghorbani P, Jaffaraghaei M, Vaezi Sh, **Ebrahimi MA**. (2014) Evaluation and comparison of seed storage proteins in several *Aegilops* species from Iran. *Iranian Journal of Rangelands and Forests Plant Breeding and Genetic Research*. 21(2): 198-208. (In Persian)
37. Jaffaraghaei M, Vaezi Sh, **Ebrahimi MA**, Tavakoli M (2014) Karyotype characteristics in some species from Iranian *Agilops* collection. *Iranian Journal of field Crop Sciences*. 44(3): 441-453. (In Persian)
38. Kolahi Zonoozi Sh, Mardi M, Zeinolabedini M, Mahmoodi P, SM Pirseyedi, Tabatabaei I, Mosavi-Derazmahalleh SM, Farsi M, **Ebarhimi MA**, SM Khayam-Nekoui, K. Ahmadi (2014) Development of 12 new SSR markers for genetic diversity and structure analysis in pistachio (*Pistacia vera* L.) *Journal of Horticultural Science and Biotechnology* 89(6) 707–711.
39. Bahrabadi M, Shokouhifar F. **Ebrahimi MA** (2014) Functional analysis of SP-DD synthetic promoter using agroinjection method in tobacco plant. *Crop Biotechnology*. 6: 61-72. (In Persian)
40. Poordad B, Safarnejad A, **Ebrahimi MA**, Bakhshi Khaniki Gh. (2014) Investigation of effective factors on *Rhus coriaria* L. *in vitro* propagation. *Iranian Journal of Rangelands and Forests Plant Breeding and Genetic Research*. 22(1):25-33. (In Persian)
41. **Ebrahimi MA**, Mir M, Zinalabedini M, Imani A (2015) Application of microsatellite markers and some morphological traits in core collection identification of *Prunus dulcis* Mill. *Crop Biotechnology*. 8: 57-75. (In Persian)
42. Ahmadi F, Nasr-Esfahani, **Ebrahimi MA** (2014) Genetic diversity of Iranian onions genotypes using RAPD markers. *Modern Genetic Journal*. 10(2): 299-303. (In Persian)
43. Baharvand A, Shahbazi S, Afsharmanesh H, **Ebrahimi MA**, Askari H (2014) Investigation of gamma irradiation on morphological characteristics and antagonist potential of *Trichoderma viride* against *M. phaseolina*. *International Journal of Farming and Allied Sciences*. 3(11): 1157-1164.
44. Tahmasbi Z, Tahmasbi Gh, Osfoori R, **Ebrahimi MA**, Babaie M (2014) Foraging initiation and foraging behavior in high and low performance of Iranian honeybee, *Apis mellifera meda* (Hym.: Apidae), colonies. *Journal of Entomological Society of Iran*. 34(3): 27-33.
45. Gougerdchi V, Dezhsetan S, **Ebrahimi MA**, Sadeghzadeh B, Savari S (2014) Using SSR markers for assessment genetic diversity and detection drought escape candidate genes in barley lines (*Hordeum vulgare* L.) *Plant Breeding and Seed Science*. 70: 1-14.

46. Moazedi R, Zaare-Nahandi F, Mahdavi Y, Kamrani M, **Ebrahimi MA** (2014) Assessment of genetic relationships of some cultivars of Asian pears (*Pyrus pyrifolia* Nakai) with some native pears of Northern Iran using SSR markers. *International Journal of Applied and Basic Sciences*. 3(8): 923-929.
47. Matin R, **Ebrahimi MA**, Niazi A (2015) Quantitative expression analysis of *P5CS* and *BADH* genes in cultivated wheat plants under salt and ABA treatments. *Iranian Journal of Genetics and Plant Breeding*. 3(1): 43-48.
48. **Ebrahimi MA**, Zarinpanjeh N (2015) Bio-elicitation of  $\beta$ -carboline alkaloids in cell suspension culture of *Peganum harmala* L. *Journal of Medicinal Plants*. 14(55): 35-49.
49. Sarhangi N, Shakib AM, Keshavarzi M, **Ebrahimi MA**, Ahmadraji M (2015) Effect of the BTH chemical elicitor on expression of the *PR2* gene and fire blight disease severity in Quince. *Seed and Improvement Journal*. 31(2): 249-264. (In Persian)
50. Moharrami M, Vahdat S, **Ebrahimi MA** (2015) Effect of levels of gamma irradiation on some characteristic of rose seeding. *International Journal of Applied and Basic Sciences*. 9(9): 1460-1469.
51. Shahbazi S, Askari H, **Ebrahimi MA**, Safaeie M, Karimi M (2015) Increasing the efficiency of sugar beet pulp saccharification by *Trichoderma reesei* superior mutants for bioethanol production. *Journal of Sugar Beet*. 31(1): 61-77. (In Persian)
52. Moradi R, Shahbazi H, Ahari Mostafavi H, **Ebrahimi MA**, Askari H, Mirmajlesi M (2015) Investigation of gamma radiation effect on morphological and antagonistic characteristic if *Trichoderma harzianum*. *Journal of Nuclear Sciences and Technologies*. 71: 96-104. (In Persian)
53. Panahzadeh-Parikhan R, Mirzaie-Nodoushan H, Asadi-corom F, **Ebrahimi MA** (2015) Optimizing light intensity for propagation of *Moringa peregrine*. *Iranian Journal of Rangelands and Forests Plant Breeding and Genetic Research* 23(2): 175-181. (In Persian)
54. Jafari Sh, Mobasher MA, Najafipour S, Ghasemi Y, Mobasher N, Naghizade MM, **Ebrahimi MA** (2015) Evaluation of *Chlorella vulgaris* extract inhibitory effects on growth, proliferation and biofilm formation by *Streptococcus mutans* and evaluation of its toxicity. *Journal of Fasa University of Medical Sciences*. 5(2): 387-396. (In Persian)
55. Safarnejad MR, Alimardani M, Sadizadeh A, Khalilian M, Daneshvar MH, **Ebrahimi MA**, Salehi Jouzani GH (2015) Assessment of some gene transformation methods in microalgae *Dunaliella salina*. *Modern Genetic Journal*. 10(3): 347-358. (In Persian)
56. **Ebrahimi MA**, Tohidfar M, Karimi M, Zawarei F (2015) Determination of genetic uniformity of transgenic cotton plants using DNA Markers (RAPD and ISSR) and SDS-PAGE. *Journal of Plant Molecular Breeding*. 3(2): 36-43.
57. Jantatdoust M, Darvishzadeh R, Ziaiefard R, **Ebrahimi MA**, Hatami Maleki H, Gholinezhad E, Hatamnia AA (2016) Analysis of genetic diversity and population structure of confectionary sunflower (*Helianthus annuus* L.) native to Iran. *Journal of Crop Science and Biotechnology*. 19:37-44.
58. Eidizadeh K, Ebrahimpour F, **Ebrahimi MA** (2016) Effect of different irrigation regimes on yield and yield components of wheat (*Triticum aestivum* L.) cultivars in Ramin climate. *Environmental Stresses in Crop Sciences*. 9(1): 29-36. (In Persian)

59. Hajizadeh-Sisakhti S, Dehdari M, Masomi-Asl A, **Ebrahimi MA** (2016) Optimization of callus induction and micropropagation of four varieties of grape (*Vitis vinifera* L.). Journal of Plant Production Research. 22(4): 35-48. (In Persian)
60. Nowruzian A, Masoumian M, **Ebrahimi MA**, Bakhshi-Khaniki GR (2016) Micropropagation of *Ferula assa-foetida* L. Iranian Journal of Rangelands and Forests Plant Breeding and Genetic Research. 24(1):123-133. (In Persian)
61. **Ebrahimi MA**, Alahyar Parsa S, Piraish S (2016) Direct extraction and purification of soil microbial total DNA and molecular detection of soil-borne pathogen *Fusarium oxysporum* causal agent of tomato vascular wilt. Crop Biotechnology. 12: 55-66. (In Persian)
62. Bakhshi B, Mohseni Fard E, Nikpay N, **Ebrahimi MA**, Bihamta MR, Mardi M, Hosseini Salekdeh Gh (2016) MicroRNA Signatures of Drought Signaling in Rice Root. PLoS ONE. 11(6): e0156814. doi:10.1371/journal.pone.0156814.
63. Rahimi S, Sohrabi N, **Ebrahimi MA**, Tebyanian M, Taghizadeh M, Rahimi S (2016) Studying the effect of aflatoxin genes Aflp and Aflq on *Aspergillus flavus* and *Aspergillus parasiticus* in the cattle feed used in industrial animal husbandries. Acta Medica Mediterranea, 32: 2091-2100.
64. Bahrami S, Tohidfar M, **Ebrahimi MA**, Esmaeil Lashkarian H (2015) Cloning of cholesterol oxidase gene from Iranian strain of *Rhodococcus* for production of cotton biological pesticide. Iranian Journal of Cotton Researches 3(2): 55-64. (In Persian)
65. Noorani Azad H, Hassanpoor A, Bakhshi Khaniki Gh, **Ebrahimi MA** (2016) Physiological responses of two tomato (*Lycopersicon esculentum* M.) cultivars to azomite fertilizer under drought stress. Iranian Journal of Plant Physiology. 6(4): 1835-1842. (In Persian)
66. Gougerdchi V, Dezhsetan S, Izadi Dogonchi M, **Ebrahimi MA**, Asghari A, Sadeghzadeh B (2016) Assessment of genetic diversity and association analysis for phenological traits of barley lines using microsatellite markers. Journal of Crop Breeding. 8(20): 60-69. (In Persian)
67. Jannatdoust M, Darvishzadeh R, Azizi H, **Ebrahimi MA**, Ziaiefard R, Gholinezhad E (2016) Identification of retrotransposon markers associated with agromorphological traits in confectionery sunflower (*Helianthus annuus* L.) under Normal and drought stress conditions. Journal of Crop Breeding. 8(20): 183-197. (In Persian)
68. **Ebrahimi MA**, Mohammadian R, Khalili M (2016) Estimation of Genetic Correlation, Heritability and Grouping of Barley Doubled Haploid Lines Based on Indicators Related to Germination Under Salt Stress. Plant Genetic Researches, 3(1): 29-44. (In Persian)
69. Zeinali S, Ghazafari S, **Ebrahimi MA** (2017) Mucin2 gene expression in the chicken intestinal goblet cells are affected by dietary essential oils. Bulgarian Journal of Agricultural Science. 23(10): 134-141.
70. Nazemi Z, Zeinalabedini M, Hallajian MT, Bouzari N, Majidian P, **Ebrahimi MA** (2016) Assessment of Iranian apricot cultivars resistant, susceptible and mutant to late spring frost. Journal of Plant Molecular Breeding. 4(2): 9-16.
71. Noorani Azad H, Hassanpoor A, Bakhshi Khaniki Gh, **Ebrahimi MA** (2016) Evaluation of the effect of Azomite fertilizer on the growth and some physiological traits of two tomatoes (*Lycopersicon esculentum*) cultivars under drought stress. Journal of Plant Researches. 29(3): 628-643.



72. **Ebrahimi MA**, Azari-Anpar M, Zarinpanjeh N (2016) Designing highly effective and genetically invert fragments by full assessment of mutations in seed region siRNAs in omega gliadin epitopes. *Iranian Journal of Genetics and Plant Breeding*. 5(2):1-10.
73. Ghavidel B, Shokouhifar F, **Ebrahimi MA**, Sobhanian H (2016) Study on genetic diversity of terminal fragment sequence of isolated Persian Tobacco Mosaic Virus. *Journal of Genetic Resources*. 2(2): 60-123.
74. Khosravan S, Mirzaie-Nodoushan H, Ghamari Zare A, **Ebrahimi MA** (2017) Different responses of poplar inter-specific hybrids to micropropagation. *Iranian Journal of Rangelands and Forests Plant Breeding and Genetic Research*. 25(1): 43-56. (In Persian)
75. Nowruzian A, Masoumian M, **Ebrahimi MA**, Bakhshi-Khaniki (2017) Interaction effect of breaking seed dormancy treatments on germination of *Ferula assa-foetida* L. *Iranian Journal of Seed Research*. 3(2): 155-169. (In Persian)
76. Teymourian T, **Ebrahimi MA**, Tohidfar M, Farsaloon N, Zarinpanjeh N (2017) In vitro Plantlet Regeneration from Callus Culture of *Trachyspermum copticum*. *Plant Tissue Culture & Biotechnology*. 27(1): 13- 20.
77. Baghban-Kohnerouz B, Azari-Anpar M, **Ebrahimi MA** (2017) Double stranded RNA design with high efficiency for RNAi vector omega gliadin in wheat. *Modern Genetic Journal*. 12(1): 71-80. (In Persian)
78. Beigi Harchegani M, Nazarian H, Otroshy M, **Ebrahimi MA**, Motamedi A (2017) *In vitro* regeneration of *Alstroemeria* cv. 'Balance' based on direct organogenesis. *Biosciences Biotechnology Research Asia*. 14(2): 557-566.
79. Amraei B, Paknejad F, **Ebrahimi MA**, Sobhanian H (2017a) Effects of methanol spraying on some biochemical and physiological characteristics of soybean (*Glycine max* L.) under drought stress. *Journal of Plant Ecophysiological Research*. 45(12): 81-94. (In Persian)
80. Amraei B, Paknejad F, **Ebrahimi MA**, Sobhanian H (2017b) Effect of methanol foliar application and drought tension on grain yield and growth indexes of soybean (*Glycine max* L.). *Crop Physiology*. 34(9): 111-129. (In Persian)
81. Mirzaie-Nodoushan H, Sadaf Khosravan S, Ghamari Zare A, **Ebrahimi MA** (2017) Investigation of rooting ability of poplar interspecific hybrids (*Populus alba* x *P. euphratica*) through apical meristem culture. *Journal of Wood and forest Science and Technology*. 24(2): 49-58. (In Persian)
82. Khalili M, Javaheri Kashani F, **Ebrahimi MA** (2017) Evaluation of genetic diversity and identification of QTL controlling seed germination and seedling establishment traits in wheat. *Iranian Dryland Agronomy Journal*. 6(1): 121-138. (In Persian)
83. Aghaie P, **Ebrahimi MA**, Hosseini Tafreshi SA, Haerinasab M, Enteshari S (2017) Evaluation of the CBL family gene expression under drought stress and virus attack in two susceptible and drought tolerant tomato cultivars using semi-quantitative PCR analysis. *Iranian Journal of Plant Biology*, 9(32): 89-106. (In Persian)
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