

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,
Payame Noor University, Nakhil St.,
Artesh HW., Tehran, Iran.
- Email: ebrahimi_mpn@yahoo.com
ma_ebrahimi@pnu.ac.ir
Tel: (98) 21 22455004
Fax: (98) 21 22485292



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 β -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, NaN_3 and ions Co^{2+} , Ni^{2+} , Cu^{2+} and 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 Kachoie 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 β -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)
84. **Ebrahimi MA** (2017) *Agrobacterium rhizogenes*-mediated transformation of *Peganum multisectum* (Maxim) Bobrov and harmine production in hairy roots. *Journal of Medicinal plants and By-product*. 6(2): 91-96.

85. Naderi Joloudar T, Saboury AK, Shasaltaneh M, Bahramikia S, **Ebrahimi MA**, Ghasemi A (2017) Inhibitory effect of safranal and crocin, two principle compounds of *Crocus sativus*, on fibrillation of lysozyme. *Journal of the Iranian Chemical Society*. 14(11): 2407-2416.
86. Mohseni Fard E, Bakhshi B, Farsi M, Mirshamsi Kakhki A, Nikpay N, **Ebrahimi MA**, Mardi M, Hosseini Salekdeh Gh. (2017) MicroRNAs Regulate the Main Events in Rice Drought Stress Response by Manipulating the Water Supply to Shoots, *Molecular BioSystems*. 13: 2289-2302.
87. Aghaie P, Hosseini Tafreshi SA, **Ebrahimi MA**, Haerinasab M (2018) Tolerance evaluation and clustering of fourteen tomato cultivars grown under mild and severe drought conditions. *Scientia Horticulturae*. 232: 1–12.
88. Maghsoudi-moghadam M, Maghsoudi H, **Ebrahimi MA**, Ghanbari A, Hejazwyan H (2018) Investigation of the Anti-inflammatory Properties of Iranian *Nigella sativa* L. in Reducing the Expression of Pre-Inflammatory Cytokines of TNF- α and IL-18 in Human THP-1 Cells. *Scientific Journal of Ilam University of Medical Sciences*. 25(3): 147-159. (In Persian).
89. Valizadeh A, Enayati-Shariatpanahi M, Ahmadi B, Ebrahimzadeh H, Masoud Parvizi-Almani, **Ebrahimi MA** (2017) Induction of symmetrical nucleus division and multi-nuclear structures in isolated microspores of sugarcane (*Saccharum officinarum* L.). *Iranian Journal of Genetics and Plant Breeding*. 6(1): 27-37.
90. Nikkerdar F, Farshadfar M, **Ebrahimi MA**, Shirvani H (2018) Genetic Diversity among Fennel (*Foeniculum vulgare* Mill.) Landrace using SCoT Markers. *Journal of Crop Breeding* 24(9): 95-102 (In Persian).
91. Shima SH, Mobasher MA, Najafipour S, Ghasemi Y, Mohkam M, **Ebrahimi MA**, Mobasher N (2018) Antibacterial Potential of *Chlorella vulgaris* and *Dunaliella salina* Extracts Against *Streptococcus mutans*. *Jundishapur Journal of Natural Pharmaceutical Products*. 13(2): e13226.
92. Hamidi-Farahani F, Shobeir SM, **Ebrahimi MA**, Maryam, Larijani M, Mahdieh Rezaei M (2018) Assess the Achievement of the Objectives of Crisis Management Training (Environment) in Earthquake-Prone Areas Emphasizing the Earthquake in Kermanshah Province, *Journal of Environmental Education and Sustainable Development*. 6(3): 157-167.
93. Sedaghati M, Assareh MH, **Ebrahimi MA**, Hesamzadeh-Hejazi SM, Sobhanian H (2018) Effect of culture media and growth regulators on micropropagation of medicinal plant *Urtica dioica* L. *Iranian Journal of Rangelands and Forests Plant Breeding and Genetic Research*, 26(1): 44-52 (In Persian).
94. Dezhsetan S, Behnamian M, Fathi Ajirlou S, **Ebrahimi MA**, Yazdani B (2018) Identification, classification and bioinformatics expression analysis of NAC transcription factor gene family in *Hordeum vulgare* cv. Morex genome. *Crop Biotech*. 21: 17-35 (In Persian).
95. Jamshidi A, **Ebrahimi MA**, Rajabian T, Bakhshikhaniki GH, Mozaffari SH (2018) Food enrichment of *Chlorella sorokiniana* (Shihira & R.W. Krauss). *Experimental Animal Biology*. 26(2): 105-113 (In Persian).
96. Jafari SH, Mobasher MA, Najafipour S, Ghasemi Y, Mohkam M, **Ebrahimi MA**, Mobasher N (2018) Antibacterial potential of *Chlorella vulgaris* and *Dunaliella salina* extracts against *Streptococcus mutans* *Jundishapur Journal of Natural Pharmaceutical Products*. 13(2): e13226.

97. Jamshidi A, **Ebrahimi MA**, Rajabian T, Bakhshikhaniki GH, Mozaffari SH (2018) Study the effects of auxins and cytokinins on growth, pigments and protein contents of *Chlorella sorokiniana*. Journal of Plant Researches. 31(2): 409-421.
98. Baghizadeh A, Mashayekhi Z, **Ebrahimi MA** (2018) Investigation of genetic and phytochemical diversity of some catnip (*Nepeta cataria* L.) populations by RAPD molecular marker and GC/MS method. Iranian Journal of Medicinal and Aromatic Plants, 34(5):837-848 (In Persian).
99. Hosseini SZ, Shiran B, **Ebrahimi MA** (2018) Study on phylogenetic relationship among some of Iranian wild almond species using sequences of ITS1-5.8S rDNA-ITS2 and chloroplast trnL
100. Pirifard Kh, **Ebrahimi MA**, Pirayesh S (2018) Molecular detection of tomato Resistance gene to stem canker disease caused by *Alternaria alternata*. Journal of Cellular and Molecular Researches. 31(2): 188-202 (In Persian).
101. Sarhangi N, Keshavarzi M, Shakib AM, **Ebrahimi MA** (2018) Increasing expression of the PR1 gene in quince (*Cydonia oblonga*) by application of Bion elicitor. Agricultural Biotechnology Journal. 10(3): 61-72 (In Persian).
102. Karim MR, Sabouri H, **Ebrahimi MA**, Dadras AR (2018) Association Analysis Morphological Traits in Rice (*Oryza sativa* L) using SSR markers in terms of flooding and drought. Modern Genetic Journal. 13(2): 393-408. (In Persian)
103. Zeinalabedini M, Majidian P, Ashori R, Gholaminejad A, **Ebrahimi MA**, Martinez-Gomez P (2019) Integration of molecular and geographical data analysis of Iranian *Prunus scoparia* populations in order to assess genetic diversity and conservation planning. Scientia Horticulturae. 247: 49–57.
104. Jamshidi A, **Ebrahimi MA**, Rajabian T, Bakhshikhaniki GH, Mozaffari SH (2019) Effects of elicitors and combined phytohormones on growth, photosynthetic pigments and protein contents of *Chlorella sorokiniana*. Journal of Applied Biology. 31(4): 49-63. (In Persian).
105. Rahnamaei Yahyaabadi S, Honari H, Abdollahi M, Aghaie SM, **Ebrahimi MA** (2019) Subcloning and Expression of ML1-stxB Fusion Gene of Mistletoe Lectin in E. coli and Production of its Antibody in Mouse. Qom University of Medical Sciences Journal. 12(12): 42-52 (In Persian)
106. Khalily M, Riahi Oghani, M, **Ebrahimi MA** (2019) Identify QTLs associated with storage and remobilization of assimilates and grain yield of barley in two irrigation regimes. Iranian Journal of Dryland Agriculture. 7(2): 189-202 (In Persian).
107. Rahmati R, **Ebrahimi MA**, Sobhanian H, Hosseini Salekdeh GH, Mohammad Reza Ghaffari MR (2019) Comparative analysis of primary metabolites to identify regulatory metabolic networks involved in blue color formation in *Hydrangea macrophylla*. Crop Biotechnology. 25: 47-57 (In Persian).
108. Khalili M, Rostamitehrani M, **Ebrahimi MA** (2019) Evaluate the genetic diversity of quantity and quality of wheat in relation to high molecular weight glutenin subunits. Journal of Crop Breeding. 11 (30) :126-132 (In Persian).
109. Karim MR, Sabouri H, **Ebrahimi MA** (2019) The relationship of ISSR markers to agronomic traits in rice under flooding and drought conditions. Journal of Molecular and Cellular Research. 32(1): 87-97 (In Persian).

110. Rokni N, Seyed Sadati SAA, Safaie N, **Ebrahimi MA**, Samimifar M (2019) Assessment of genetic relatedness among commercial and wild strains of *Agaricus bisporus* using repetitive extragenic palindromic sequences and polymerase chain reaction. 60(5): 293-297.

111. Eskandari E, **Ebrahimi MA**, Naseri HR, Zarinpanjeh N (2019) The Optimized Method of *Agrobacterium* Mediated Transformation in *Nitraria schoberi* (Ghar-e-Dagh). Journal of Genetic Resources. 5(2): 97-103.

112. Barghi A, Honari H, **Ebrahimi MA**, Bakhshi Khaniki Gh, Aghaee SM (2020) Subcloning and expression of SO9 gene, *Saponaria Officinalis* plant in *E. coli* and investigation of antibody titer in mouse. Journal of Sabzevar University of Medical Sciences. 27: 103-112. (In Persian).

113. Kheirabadi S, Zarinpanjeh N, **Ebrahimi MA**, Bakhshi Khaniki, G, Naseri H (2020) Effective *in vitro* seed germination and direct regeneration from cotyledonary leaf explants of *Nitraria schoberi*, Iranian Journal of Genetics and Plant Breeding, 10-16.

114. Khalili M, **Ebrahimi MA** (2020) Estimation of genetic diversity and grouping of double haploid barley lines in terms of photosynthetic partitioning in normal and water deficit conditions. Environmental Stresses in Crop Sciences .13(2): 341-355.

115. Bahar Amirkavei Najafabadi, Nassrin Qavami, **Mohammad Ali Ebrahimi**, Peyman Ebrahimi, Nasim Zarinpanjeh (2020) Enhancement of Taxol production by applying amino acid complex along with chitosan in suspension culture of *Taxus baccata* L. Journal of Medicinal Plants. 19(76): 99-109.

Books and Chapter of Books:

- Ebrahimi MA, Talebi M, Rasoulnia A, Karimi M (2011) Biochemistry and Biotechnology Methods.
- Nasiri P, Ebarhimi MA, Jaffaraghaei (2015) Advance Statistical Methods.
- Ebrahimi MA, Karimi M (2013) Hairy Root Culture.
- Ebrahimi MA, Tohidfar M, Ahmadinik I (2014) Principles of Genetic Engineering.
- Ebrahimi MA, Tohidfar M (2015) Principles of Biotechnology.
- Ebrahimi MA, Tohidfar M (2018) Genetic Engineering and Methods.

Symposium

- **Ebrahimi MA**, Sangtarash MH, Kambozia J. (1996) Effect of using nitrogen and double purpose on yield of wheat (variety Hirmand). The 4th Iranian congress of crop production and breeding. Industrial University of Isfahan.Iran.4-7 Aug.1996.
- **Ebrahimi MA**. Kambozia J (1998) Effect of planting date on velocity of filling the seed, period of filling the seed and crop yield of various cultivars of wheat under natural heat stress in Sistan region. The 5th Iranian congress of crop production and plant breeding. Seed and plant improvement Institute. Iran.24-26 Aug 1998.
- **Ebrahimi MA**. (1998) Effect of forage harvest time and using nitrogen on yield process of wheat in grazing stress. The 5th Iranian congress of crop production and plant breeding. Seed and Plant Improvement Institute. Iran. 24-26 Aug, 1998.

- **Ebrahimi MA**, Walizadeh J. (2002) Effect of planting date on yield and yield component of Canola (*Brassica napus*) cultivars. The 6th Iranian congress of crop production and plant breeding. University of Mazandaran. Iran. 3-6 Sep 2002.
- **Ebrahimi MA**, Nikam TD, Patil VA. (2006) Callus initiation, Maintenance and shoot induction in *Tribulus terrestris* L. 2nd World Ayurveda Congress. University of Pune, Pune, India. 10-12 Nov, 2006.
- Nikam TD, **Ebrahimi MA**, Patil VA. (2007) Growth and secondary metabolites accumulation in callus culture of an antiaging herb *Tribulus terrestris* L. National Seminar on Current Trends in Plant Bioresource Utilization. University of Pune, Pune, India. 26-27 Feb. 2007.
- Ganjali HR, **Ebrahimi MA**. (2007) Influence of date and density of sowing on yield and production of essence in *Nigella sativa* L. National Seminar on Current Trends in Plant Bioresource Utilization. University of Pune, Pune, India 26-27 Feb. 2007.
- **Ebrahimi MA**, Nikam TD. (2007) Establishment of hairy root cultures of *Ceropegia bulbosa* Roxb. Indo Iranian student Conferences on Biotechnology and Bioinformation. Union of Iranian Student in India. New Delhi. India. 1-2 March, 2007.
- **Ebrahimi MA**, Nikam TD, Patil PP. (2007) Organogenesis and *in vitro* production of metabolite in *Peganum harmala*. International Conference on research Advances in Traditional Medicine: Challenges and Opportunities. Jamia Hamdard University, New Delhi, India. 30-31 Oct. 2007.
- Nikam TD, Sawant RS, **Ebrahimi MA**, Pail PP. (2008) Micropropagation by axillary shoot multiplication of nodal explants of *Ceropegia maccannii* Ansari. National Conference on Biodiversity, Conservation and sustainable Development, Rashtrasant Tukaoji Maharaj, Nagpur University, Nagpur, India. January 7-9 2008.
- **Ebrahimi MA**, Nikam TD (2008) Selection of drought tolerant callus of *Medicago* in *in vitro* culture. National Conference on Biodiversity, Conservation and sustainable Development, Rashtrasant Tukaoji Maharaj, Nagpur University, Nagpur, India. January 7-9 2008.
- Dawande A, **Ebrahimi MA**, Nikam TD (2008) *In vitro* propagation *Psoralea corylifolia* – A medicinal plant. National Conference on Biodiversity, Conservation and sustainable Development, Rashtrasant Tukaoji Maharaj, Nagpur University, Nagpur, India. January 7-9 2008.
- **Ebrahimi MA**, Nikam TD (2009) Study on activity of starch metabolizing enzyme ADPG-pyrophosphorylase, ADPG sucrose transglucosylase, α -amylase and β -amylase in callus and *in vitro* microtubers in *Ceropegia bulbosa* Roxb. 6th National Biotechnology Congress of Iran. 14-17 Aug 2009.
- **Ebrahimi MA**, Valizadeh J (2009) Enhanced tropane alkaloid accumulation in cell and root cultures of *Datura stramonium* by biotic and abiotic elicitors. 6th National Biotechnology congress of Iran. 14-17 Aug 2009.
- **Ebrahimi MA**, Nikam TD (2009) Organic supplements and secondary metabolites production in callus and cell suspension culture of *Tribulus terrestris*. 6th National Biotechnology congress of Iran. 14-17 Aug 2009.
- **Ebrahimi MA**, Valizadeh J (2009) Feeding precursors (L-phenylalanine, L-arginine and tropic acid) on hyoscyamine and scopolamine content of cell suspension culture of *Datura metel* L. 6th National Biotechnology congress of Iran. 14-17 Aug. 2009.

- **Ebrahimi MA**, Valizadeh J (2009) Nutritional components and precursors for production of tropane alkaloids in *in vitro* cultured of *Datura metel* L. 6th National Biotechnology congress of Iran. 14-17 Aug. 2009.
- Karimi Farsad L, Mardi M, **Ebrahimi MA**, Bakhshi Khaniki GR, Fazeli A, (2010) Quantitative genes expression analysis of *Septoria tritici* blotch candidate resistance genes in wheat (*Triticum aestivum*). 16th National and 4th International Conference of Biology, Ferdowsi University of Mashhad, Mashhad, Iran, 14-16 September 2010.
- Ebrahimi N, Rajabi MH, **Ebrahimi MA**, Roayaei M, (2010) Cloning of Human Gamma Interferon for Transforming Into Tomato. 16th National and 4th International Conference of Biology, Ferdowsi University of Mashhad, Mashhad, Iran, 14-16 September 2010.
- Karimi M, Sadat Asilan K, Naghavi MR, **Ebrahimi MA**, (2012). Phylogenetic analysis of ACC genes in Brassicaceae family. International Conference on Bioinformatics and Biomedical Technology, 26-28, February 2012, Singapore.
- Dehnad A, Mohammadi Nasab H, Bahrami B, **Ebarhimi MA**, (2011) Biological control potential efficacy of native *Streptomyces* isolated on *Fusarium oxysporum*, the causal agent of Fusarium Wilt. The 7th National Biotechnology congress of I. R. Iran. Tehran, Iran 12. 14 Sep. 2011
- Otroshy M, Khalili Z, **Ebrahimi MA**, Khayam Nekoui M, Moradi K, (2011) Effect of growth regulators and explants type on the regeneration of Tomato (*Lycopersicom esculentum* Miller). The 7th National Biotechnology Congress of I. R. Iran. Tehran, Iran 12. 14 Sep. 2011.
- Dehsara B, Mousavi A, Mousavi M, **Ebrahimi MA**, (2011) Molecular analysis of plantlets derived from transformation of date plum (*Phoenix dactylifera*) somatic embryos via particle bombardment. The 7th National Biotechnology Congress of I. R. Iran. Tehran, Iran 12-14 Sep. 2011.
- Faghihzadeh F, Arpanaei A, Mousavi A, **Ebrahimi MA**, (2011) Enhancing the efficiency of biolistic gene delivery into plant cells using cationic gold microparticles. The 7th National Biotechnology Congress of I. R. Iran. Tehran, Iran 12-14 Sep. 2011. (The best oral presentation)
- Sajjadi SR, **Ebrahimi MA**, Nabavi SM, (2011) Electrophoretic patterns of soluble proteins in callus few top potato clones under salt stress. The 7th National Biotechnology Congress of I. R. Iran. Tehran, Iran 12-14 Sep. 2011.
- Javan H, Hasanpour A, **Ebrahimi MA**, Bakhshi Khaniki GR, (2010) Study of different grafting methods to achieve variated callus resistant to Lime Withches Broom diseases. The 7th National Biotechnology Congress of I.R. Iran. Tehran, Iran 12-14 Sep. 2011.
- Karami E, Mozafari A, **Ebrahimi MA**, Maroofi H, (2011) Effect of different concentration on regeneration of *Satureja avromanica* Maroofi. The 7th National Biotechnology Congress of I. R. Iran. Tehran, Iran 12-14 Sep. 2011.
- Kolahi S, Mardi M, Priseyedi SM, Farsi M, **Ebrahimi MA**, (2011) Isolation of microsatellite markers to study genetic diversity of Pistachio. The 7th National Biotechnology Congress of I. R. Iran. Tehran, Iran 12-14 Sep. 2011.
- Bagheri S, Sanjarian F, Haghbeen K, **Ebrahimi MA**, (2011) Production of shikonin from callus and cell suspension culture of *Onosma dasytrichum*. The 7th National Biotechnology Congress of I. R. Iran. Tehran, Iran 12-14 Sep. 2011.

- Karimi M, Sadat Asilan K, Naghavi MR, **Ebrahimi MA**. (2012) Phylogenetic analysis of ACC genes in Brassicaceae family. International Conference on Bioinformatics and Biomedical Technology. Singapore, 26 Feb. 2012
- Gougerdchi V, Dezhsetan S, **Ebrahimi MA**, Sadeghzadeh B, Lotfi H., Dadbeh H, Mohammadzadeh Jalali H. (2013) Assessment of genetic diversity in barley lines by SSR markers. 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.
- Nazemi Z, Zinolabedini M, Bozari N, **Ebrahimi MA**. (2013) Assessment of mutant clones of apricot in order to identification of genes controlling cold stress tolerance. 8th Iranian Biotechnology Congress of I. R. Iran. Tehran, Iran, 6-8 July, 2013.
- Shirichian MJ, Farrokhi N, Alavi SM, **Ebrahimi MA** (2013) Isolation of bacteriophage bacterium *Xanthomonas* in Iran. 8th Iranian Biotechnology Congress of I. R. Iran. Tehran, Iran, 6-8 July, 2013.
- Ghorbani F, Moumeni A, **Ebrahimi MA**, Kikuchi S (2013) The role of *WRKY* transcription factor in drought tolerance in rice. 8th Iranian Biotechnology Congress of I. R. Iran. Tehran, Iran, 6-8 July, 2013.
- Safaei M, Shabazi S, Enayati Shariatpanahi M, Asgari H, Ahari Mostafavi H, **Ebrahimi MA**. (2013) Studying Protein Profile of cellulolytic enzymes produced by *Trichoderma reesei* gamma radiation mutants on sugar beet pulp. 8th Iranian Biotechnology Congress of I. R. Iran. Tehran, Iran, 6-8 July, 2013.
- Talebi B, Ismaili A, Dirikvand R, **Ebrahimi MA**, Hoseinpour T (2013) Use Simple Sequence Markers in the grouping rain-fed barley genotypes. 8th Iranian Biotechnology Congress of I. R. Iran. Tehran, Iran, 6-8 July, 2013.
- Movahedkhah F, Miabolfathi M, **Ebrahimi MA**. (2013) Effect of essential oils of *Thymus vulgaris*, *Anethum graveolens*, *Capsicum annum*, *Mentha sativa* on growth of *Fusarium graminearum* and *Fusarium proliferatum*. 8th Iranian Biotechnology Congress of I. R. Iran. Tehran, Iran, 6-8 July, 2013.
- Fanoush-Far S, Lohrasbi T, Sobhe Bidari P, Sanjarian F, **Ebrahimi MA** (2013) Investigation of Gene Expression Pattern of MYB Family in Development Stages of Arabidopsis by Fuzzy Clustering Approach. 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.
- Vaseliagh N, Deezagi A, **Ebrahimi MA**, Khodabandeh M (2013) Protein extraction from *Artemia urmiana* and studying the anti-aging effects on these agents of human fibroblast cells in cell culture medium. 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.
- Valizadeh A, Enayati Shariatpanahi M, **Ebrahimi MA**, Sheikh Rezayi S, Aghapour Ojaghkandi M. (2013) Study of isolation methods and effects of chemical and temperature stresses induction of microspore in sugarcane (*Saccharum Officinarum*). 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.
- Ahmadi Nik E, Zeinalabedini M, **Ebrahimi MA**, Imani A, Farsi M, Nazemi Z. (2013) Selection of self-incompatibility and self-compatibility alleles, genotypes and promising hybrids of almond, using molecular markers. 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.
- Hajizadeh Sisakhti S, Dehdari A, Masumiasl A, **Ebrahimi MA**. (2013) Callus induction from leaf and node explants in Askari cultivar of grape (*Vitis vinifera*). 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.

- Golabchian R, Jafarkhani Kermani M, **Ebrahimi MA**, Banabazi MH, Ahmadi K, Hajimohammad M, Jahromi A (2013) Quantification of organizational capability and its components affecting on commercialization of research findings in Agricultural Biotechnology Research Institute of Iran (ABRII) based on a linear model and least square equations. 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.
- Ispareh K, Shahbazi S, Enayati Shariatpanahi M, Askari H, Ghodsinasirabadi. A, **Ebrahimi MA** (2013) Induction of increasing cellulytic enzymes production and activity in *Trichoderma reesei* by chemical mutagen: Ethyl methyl solphonat. 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.
- Bagheri S, Sanjarian F, Haghbin K, Marefatjo J, Mozafarian V, **Ebrahimi MA**. (2013) Callus induction and cell suspension culture of *Onosma dasytrichum*. 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.
- Yazdankarimi N, Valizadeh M, **Ebrahimi MA**, Talebpour A. (2013) Assessment of genetic diversity in medicinal plant of *Achillea* species, by using protein markers. 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.
- Terikan S, Enayati Shariatpanahi M, **Ebrahimi MA**, Sheikhezraei S, Aghapour Ojaghkandi M (2013) Study of isolation methods, induction medium and temperature stress/starvation on induction of microspore embryogenesis in pepper (*Capsicum annuum* L.). 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.
- Ghodsi Nasirabadi A, Enayati Shariatpanahi M, **Ebrahimi MA**, Alizadeh B (2013) Optimization of embryo regeneration derived from microspore culture in *Brassica napus*. 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.
- Shabani S, Dehestani A, **Ebrahimi MA**, Vafadar U, Soleimani E (2013) Bioinformatics analysis and comparison of biochemical properties of chitinase in plants and fungi. 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.
- Razavi R, **Ebrahimi MA**, Panahi B, Askary H, Rezvani M (2013) Comparison of terminal and lateral branches tissue culture of two male and female stocks of Ors (*Juniperus polycarpus*) in inducing rooting and branching in cultured tissues in two seasons of summer and winter. 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.
- Razavi R, **Ebrahimi MA**, Panahi B, Askary H, Rezvani M (2013) Practical guidelines for the use of antiseptic solutions in plant tissue culture laboratories. 8th Iranian Biotechnology Congress of I.R. Iran. Tehran, Iran, 6-8 July, 2013.
- Zinalabedini M, **Ebrahimi MA**, Mousavi SM, Mardi M, Imani A, Nikumanesh K (2013) Using GIS-based tools, distribution modeling and microsatellite markers to determine wild almond species exploration and documentation priorities in Iran. 3rd International Symposium on Molecular Markers, Italy, 25-27 Sep. 2013.
- Mousavi SM, Mardi M, Zinalabedini M, Imani A, **Ebrahimi MA**, Nikumanesh K (2013) Determination of genetic structures of selected core set in almond Using SSR markers and Morpho-pomological traits. 3rd International Symposium on Molecular Markers, Italy, 25-27 Sep. 2013.
- Valizadeh A, Enayati Shariatpanahi M, **Ebrahimi MA**, Aghapour Ojaghkandi M, Ahmadi B, Fazli M (2014) Induction of microspore embryogenesis pathway and formation of Multi-cellular

structures in sugarcane (*Saccharum officinarum*). 1st International and 13th Iranian Genetics Congress. Tehran, Iran. 24-26 May, 2014.

- Bahrabadi M, **Ebrahimi MA**, Shokouhifar F (2014) Assaying of some tobacco cultivars as hosts of Agrobacterium-mediated transient expression. 1st International and 13th Iranian Genetics Congress. Tehran, Iran. 24-26 May, 2014.
- Sadegzadeh S, Baghban Kohnehrouz B, **Ebrahimi MA**, Kosari Nasab M (2014) Construction of RNAi vector for decreasing of gluten content in wheat. 1st International and 13th Iranian Genetics Congress. Tehran, Iran. 24-26 May, 2014.
- Zabardast F, Aminzadeh S, Farrokhi N, Rezayi M, **Ebrahimi MA** (2014) Production of recombinant amylopullulanase *Coh00831* from *CohnellaA01*. 1st International and 13th Iranian Genetics Congress. Tehran, Iran. 24-26 May, 2014.
- Shabani S, Dehestani A, **Ebrahimi MA** (2014) Identification, cloning and isolation of a chitinase-encoding gene from *Cucurbita maxima*. 1st International and 13th Iranian Genetics Congress. Tehran, Iran. 24-26 May, 2014.
- Shabani S, Dehestani A, **Ebrahimi MA**, Vafadar F (2014) Bioinformatic analysis of chitinase enzyme isolated from *Cucurbita maxima*. 1st International and 13th Iranian Genetics Congress. Tehran, Iran. 24-26 May, 2014.
- Ahmadi Nik E, Zeinalabedini M, **Ebrahimi MA**, Imani A, Farsi M, Safarzadeh M, (2014) Identification and comparative analysis of self-incompatibility alleles in promising hybrids of almond, using molecular markers. 1st International and 13th Iranian Genetics Congress. Tehran, Iran. 24-26 May, 2014.
- Ghavidel B, Shokouhifar F, **Ebrahimi MA** (2014) Variation in the coat protein sequence of the TMV strains. 1st International and 13th Iranian Genetics Congress. Tehran, Iran. 24-26 May, 2014.
- Bahrabadi M, Shokouhifar F, **Ebrahimi MA** (2014) SP-DD synthetic promoter Expression analysis in response to environmental stress. 1st International and 13th Iranian Genetics Congress. Tehran, Iran. 24-26 May, 2014.
- Mortazavi S, Ghamari Zare A, Bordbar Z, **Ebrahimi MA** (2014) Cytotaxnomy study of *Salvia mirzayanii* and *S. macrosiphon*, in Iran. 1st International and 13th Iranian Genetics Congress. Tehran, Iran. 24-26 May, 2014.
- Zinali S, Ghazanfari S, **Ebrahimi MA** (2014) The effect of essential oils (*Artemisia sieberi*, *Myrtus communis*) on mucin2 gene expression in intestinal tissue of broiler chicken. 1st International and 13th Iranian Genetics Congress. Tehran, Iran. 24-26 May, 2014.
- Sarkhanimoghaddam F, Jafaraghaei M, **Ebrahimi MA**, Vaezi S (2014) Cytogenetical diversity in some Iranian Rye lines using C-banding Method. The 1st International & 13th Iranian Crop & Plant Breeding Sciences Congress and 3rd Seed Sciences and Technology Congress, Karaj, Iran. 26-28 Aug. 2014.
- Rahimi M, Majidi Hervan E, Valizadeh M, Ebrahimpour F, **Ebrahimi MA**, Eshghi R (2014) Assessment of genetic diversity of wild and cultivated barley populations based on storage proteins polymorphism. The 1st International & 13th Iranian Crop & Plant Breeding Sciences Congress and 3rd Seed Sciences and Technology Congress, Karaj, Iran. 26-28 Aug. 2014.

- Shabani S, Dehestani A, **Ebrahimi MA** (2014) Cloning the partial sequence of class III chitinase gene from *Cucurbita moschata*. The 1st International & 13th Iranian Crop & Plant Breeding Sciences Congress and 3rd Seed Sciences and Technology Congress, Karaj, Iran. 26-28 Aug. 2014.
- Nowruzian A, Masoumian M, **Ebrahimi MA**, Bakhshi khaniki G (2014) Optimization of cytokinin concentration on *Ferula assa-foetida* height. The 1st International & 13th Iranian Crop & Plant Breeding Sciences Congress and 3rd Seed Sciences and Technology Congress, Karaj, Iran. 26-28 Aug. 2014.
- Roozbeh F, Teymoori A, Davoodi D, **Ebrahimi MA**, Khayamim S (2014) Study of correlation between embryo nanostructure surface characteristics and attributes of sugar beet (*Beta vulgaris* L.) seed germination stage. The 1st International & 13th Iranian Crop & Plant Breeding Sciences Congress and 3rd Seed Sciences and Technology Congress, Karaj, Iran. 26-28 Aug. 2014.
- Davoodi D, Hemmatian A, Roozbeh F, **Ebrahimi MA**, Hadian P (2014) Study of physicochemical nanomarkers for resistance to sugar beet (*Beta vulgaris* L.) Rhizomania disease using Atomic Force Microscope. The 1st International & 13th Iranian Crop & Plant Breeding Sciences Congress and 3rd Seed Sciences and Technology Congress, Karaj, Iran. 26-28 Aug. 2014.
- Azizi M, Jafari Sayyadi MH, **Ebrahimi MA**, Rezvani M (2015) Optimization of callus culture of *Nepeta assurgens*, a threatened and endemic plant. 1st International & 9th National Biotechnology Congress of Iran. Tehran, Iran. 24-26 May. 2015.
- Matin R, Niazi A, **Ebrahimi MA** (2015) Quantitative expression analysis of P5CS and BADH genes in cultivated wheat plants under salt and ABA treatments. 1st International & 9th National Biotechnology Congress of Iran. Tehran, Iran. 24-26 May. 2015.
- Vahedian Javaheri N, **Ebrahimi MA**, Tohidfar M, Mousavi H, Mokhtari S, Azabaijani R, Mokhtari S, Firoozbakht S, Shahzadeh Fazeli SA, Tabatabayi M (2015) Isolation, Cloning and expression of novel L-asparaginase in *E.coli*. 1st International & 9th National Biotechnology Congress of Iran. Tehran, Iran. 24-26 May. 2015.
- Daei Zade N, Ehsani P, **Ebrahimi MA**, Rahimifard P (2015) Cloning of fusion bone morphologic protein-Hydrophobin. 1st International & 9th National Biotechnology Congress of Iran. Tehran, Iran. 24-26 May. 2015.
- Mokhtari Garakani S, **Ebrahimi MA**, Tohidfar M, Azarbaijani R, Mousavi H, Mokhtari Garakani S, Vahedian Javaheri N, Firoozbakht S, Shahzadeh Fazeli A (2015) Isolation, Cloning and expression of BADH gene from *Ne sterenkonio* to enhance salt tolerance in plants. 1st International & 9th National Biotechnology Congress of Iran. Tehran, Iran. 24-26 May. 2015.
- Amir Ebrahimi N, Salehi Jouzani G, Aazami N, **Ebrahimi MA**, Pourmazaheri H (2015) Isolation and characterization of some *Lactobacillus* strains with probiotic potentials from native chickens of Fars Province. 1st International & 9th National Biotechnology Congress of Iran. Tehran, Iran. 24-26 May. 2015.
- Jamzivar F, **Ebrahimi MA**, Razzaghi-Abyaneh M (2015) Analysis of vegetative compatibility groups in *Aspergillus flavus*. 1st International & 9th National Biotechnology Congress of Iran. Tehran, Iran. 24-26 May. 2015.
- Mokhtari S, **Ebrahimi MA**, Tohidfar M, Mousavi H, Mokhtari S, Azabaijani R, Vahedian Javaheri N, Firoozbakht S, Shahzadeh Fazeli SA, Tabatabayi M (2015) Isolation, Cloning and expression

of a novel lipase in *E.coli*. 1st International & 9th National Biotechnology Congress of Iran. Tehran, Iran. 24-26 May. 2015.

- Falaki-Moghadam G, Zeinolabedini M, **Ebrahimi MA**, Mardi M, Farsi M, Yazdani B (2015) The Study of Genetic Diversity in Some Apricot (*Prunus armenicana*) Genotypes Using Flourscent-Microsatelite Markers. 1st International & 9th National Biotechnology Congress of Iran. Tehran, Iran. 24-26 May. 2015.