

CURRICULUM VITAE (CV)



نام و نام خانوادگی: محمدعلی ابراهیمی •

مرتبه علمی: استاد •

محل خدمت: پژوهشگاه بیوتکنولوژی کشاورزی، سازمان تحقیقات، آموزش و ترویج کشاورزی، کرج، ایران. •

ایمیل: ma.ebrahimi@areeo.ac.ir •

ma.ebrahimi@abrii.ac.ir

PERSONAL

- Name: **Mohammad Ali**
- Surname: **Ebrahimi**
- Affiliation: **Professor**
- Nationality: **Iranian**
- Address: Agricultural Biotechnology Research Institute (ABRII), Karaj, Iran.
Email: ma.ebrahimi@areeo.ac.ir
ma.ebrahimi@abrii.ac.ir

EDUCATION

- **Ph.D.**, Department of Plant Botany, 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 Plant Breeding. 1993-1995.
- **B.Sc.**, of Agronomy and Plant Breeding, 1988-1993

RESEARCH INTEREST

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

سوابق اجرایی

۱۴۰۳ تا کنون: سرپرست پژوهشگاه بیوتکنولوژی کشاورزی

۱۴۰۲ تا ۱۴۰۴: مدیر کل دفتر ارتباطات علمی و همکاری‌های بین‌المللی سازمان تحقیقات، آموزش و ترویج کشاورزی، وزارت جهاد کشاورزی،

۱۴۰۲ تا کنون: نماینده منطقه غرب آسیا و شمال آفریقا در شورای سیستم، گروه مشورتی تحقیقات بین‌المللی کشاورزی (CGIAR) وابسته به بانک جهانی.

۱۴۰۲ تا کنون: نایب رئیس، کمیته اجرایی انجمن مؤسسات تحقیقات کشاورزی آسیا و اقیانوسیه (APAARI)

۱۴۰۲ تا کنون: عضو شورای تحقیقات، سازمان تحقیقات، آموزش و ترویج کشاورزی، وزارت جهاد کشاورزی.

۱۴۰۲ تا کنون: عضو شورای سیاست‌گذاری و هماهنگی امور بین‌الملل، سازمان تحقیقات، آموزش و ترویج کشاورزی، وزارت جهاد کشاورزی.

۱۴۰۱-۱۴۰۳: عضو شورای برنامه ریزی آموزشی، گروه کشاورزی و منابع طبیعی وزارت علوم، تحقیقات و فناوری

۱۴۰۰ ۱۴۰۲ تا ۱۴۰۲: معاون پژوهش و فناوری دانشگاه پیام‌نور کل کشور

۱۴۰۲ تا ۱۴۰۲: رئیس شورای سیاست‌گذاری مرکز مطالعات بین‌المللی ارونند

۱۴۰۱ ۱۴۰۲ تا ۱۴۰۲: دبیر کمیته دستگاهی برگزاری کرسی‌های نظریه پردازی و آزاداندیشی

۱۴۰۰ ۱۴۰۰ تا کنون: سردبیر نشریه علمی پژوهشی زیست فناوری گیاهان زراعی

۱۴۰۲ تا کنون: سردبیر نشریه علمی Acta Cell Biologica

۱۴۰۰ ۱۴۰۰ تا کنون: عضو هیئت تحریریه نشریه علمی پژوهشی تحقیقات حمایت و حفاظت جنگل‌ها و مراعع ایران

۱۳۹۳ ۱۳۹۳ تا کنون: عضو هیئت تحریریه مجله علمی-پژوهشی ژنتیک و اصلاح گیاهان مرتوعی و جنگلی

۱۳۹۰ ۱۳۹۰ تا کنون: عضو هیئت تحریریه مجله علمی-پژوهشی زیست فناوری گیاهان زراعی

۱۳۹۹ ۱۳۹۰ تا ۱۴۰۰: رئیس مرکز امور بین‌الملل دانشگاه پیام‌نور

۱۳۹۷ ۱۴۰۲ تا ۱۴۰۲: عضو هیئت ممیزه دانشگاه (سه دوره)

۱۳۹۰ ۱۴۰۲ تا ۱۴۰۲: عضو کمیسیون تخصصی هیئت ممیزه دانشکده کشاورزی

۱۳۹۶ ۱۳۹۹ تا ۱۳۹۹: مدیر کل دفتر برنامه‌ریزی و هماهنگی مراکز بین‌الملل دانشگاه پیام‌نور

۱۳۹۴ ۱۳۹۶ تا ۱۳۹۶: رئیس مرکز سنجش و آزمون دانشگاه پیام‌نور

۱۳۹۶ ۱۴۰۲ تا ۱۴۰۲: عضو هیئت بدوي تخلفات کارکنان

۱۳۹۵ ۱۳۹۶ تا ۱۳۹۶: عضو شورای انتقال دانشجویان ایرانی شاغل به تحصیل در خارج به داخل در سازمان امور دانشجویان وزارت عتف

۱۳۹۵ ۱۳۹۸ تا ۱۳۹۸: عضویت در شورای پژوهشی، برنامه ریزی آموزشی و کمیسیون معاملات تجهیز آزمایشگاه‌های، عضو شورای آموزشی و شورای تحصیلات تکمیلی دانشگاه

۱۳۹۲ ۱۳۹۴ تا ۱۳۹۴: مدیر کل دفتر تدوین و تولید کتب و محتواهای آموزشی دانشگاه پیام‌نور

۱۳۹۱ ۱۳۹۲ تا ۱۳۹۲: رئیس دانشگاه پیام‌نور مرکز تهران شمال و ساخت و تجهیز مجتمع آزمایشگاهی شهید احمدی روشن با بیش از ۵۰ آزمایشگاه مجهز و مدرن فنی و مهندسی

۱۳۸۹ ۱۳۹۱ تا ۱۳۹۱: رئیس دانشگاه پیام‌نور مرکز ری و ساخت بیش از ۴۰۰۰ مترمربع ساختمان‌های آموزشی و فرهنگی این مرکز

۱۳۸۸-۱۳۸۹: معاون آموزشی و پژوهشی دانشگاه پیام‌نور مرکز کرج

- ۱۳۸۷-۱۳۸۸ : رئیس مؤسسه آموزش عالی غیرانتفاعی-غیردولتی هاتف - زاهدان
- ۱۳۸۴-۱۳۷۹ : معاون آموزشی دانشگاه آزاد اسلامی واحد زاهدان
- ۱۳۸۱-۱۳۷۶ : مدیرعامل شرکت تعاونی مسکن اعضای هیئت علمی زاهدان
- ۱۳۷۹-۱۳۷۵ : رئیس دانشکده مهندسی دانشگاه آزاد اسلامی واحد زاهدان
- ۱۳۷۴-۱۳۷۳ : معاون اداری و مالی دانشگاه آزاد اسلامی واحد ایرانشهر

دیگر سوابق علمی و افتخارات

- انتشار بیش از ۱۳۷ مقاله علمی در نشریات معتبر داخلی و خارجی
- اجرای بیش از ۱۵ طرح پژوهشی
- راهنمایی و مشاوره ۹ رساله دکتری تخصصی
- راهنمایی و مشاوره ۸۳ پایان نامه دانشجوی کارشناسی ارشد
- انتشار ۸ عنوان کتاب دانشگاهی
- ارائه بیش از ۱۰۷ مقاله در همایش‌های ملی و بین‌المللی معتبر
- پژوهشگر برتر دانشگاه پیام‌نور در بخش علوم کشاورزی در سال‌های ۱۳۹۲، ۱۳۹۵ و ۱۳۹۸
- مؤلف برتر دانشگاه بابت تألیف کتاب اصول و مبانی مهندسی ژنتیک در سال ۱۳۹۵
- عضو کمیته علمی دوازدهمین کنگره ژنتیک ایران ۱۳۹۱
- عضو کمیته علمی و کمیته اجرایی هفتمین همایش ملی بیوتکنولوژی کشاورزی ایران. شهریور ۱۳۹۰
- نماینده انجمن زراعت و اصلاح نباتات در استان سیستان و بلوچستان به مدت ۱ سال (۱۳۸۴)
- عضو هیئت‌مدیره سازمان مهندسی کشاورزی استان سیستان و بلوچستان به مدت ۲ سال (۱۳۸۲-۱۳۸۳)
- عضو پیوسته انجمن زراعت و اصلاح نباتات ایران
- عضو پیوسته انجمن بیوتکنولوژی جمهوری اسلامی ایران
- عضو پیوسته انجمن ژنتیک ایران

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

BOOKS AND CHAPTER OF BOOKS

- Ebrahimi MA, Talebi M, Rasoulnia A, Karimi M (2011) Biochemistry and Biotechnology Methods.
- Nasiri P, Ebarhimi MA, Jaffaraghiae (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.
- Khalili M, Ebrahimi MA (2021) Research Method in Biology
- Jafaraghiae MJ, Ebrahimi MA, Kakaei M, Zahravi M (2022) Advanced Plant Breeding

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)

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 dahliae* 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 Almound) 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 Choloroplast 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 Rhizomania in 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, NAN₃ and ions Co²⁺, Ni²⁺, Cu²⁺ and Zn²⁺ 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 annum* 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, Jaffaraghiae 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. Jaffaraghiae 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, Dehzetan 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.
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