

CURRICULUM VITAE (CV)

- نام و نام خانوادگی: محمدعلی ابراهیمی
- مرتبه علمی: دانشیار
- محل خدمت: گروه بیوتکنولوژی، دانشگاه پیام نور
- تاریخ تولد: ۱۳۴۸/۱۰/۱
- آدرس: تهران، خیابان نخل، سازمان مرکزی دانشگاه پیام نور
- تلفن: ۰۲۱۲۲۴۵۵۱۱۴



PERSONAL

- Name: **Mohammad Ali**
- Surname: **Ebrahimi**
- Nationality: Iranian
- Affiliation: Associate Professor
- Date of Birth: 22.12.1969
- Languages: Persian, English
- Address: Department of Agricultural Biotechnology,
Payame Noor University, Nakhil St.,
Artesh HW., Tehran, Iran.
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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 Plant Breeding. 1993-1995.
- B.Sc., of Agronomy and Plant Breeding, 1988-1993

- RESEARCH INTEREST

Plant Biotechnology, Plant Tissue Culture, Plant Breeding

سوابق اجرایی

- ۱۳۹۴ تا کنون: رئیس مرکز سنجش و آزمون دانشگاه پیام نور
- ۱۳۹۲ تا ۱۳۹۴: مدیر کل دفتر تدوین و تولید کتب و محتوای آموزشی دانشگاه پیام نور
- ۱۳۹۱ تا ۱۳۹۲: معاون دانشگاه پیام نور استان تهران و رئیس دانشگاه پیام نور مرکز تهران شمال
- ۱۳۹۳ تا کنون: عضو هیات تحریریه مجله علمی - پژوهشی ژنتیک و اصلاح گیاهان مرتعی و جنگلی، وزارت جهاد کشاورزی
- ۱۳۹۰ تا کنون: عضو هیات تحریریه مجله علمی - پژوهشی زیست فناوری گیاهان زراعی
- ۱۳۸۹ تا ۱۳۹۱: رئیس دانشگاه پیام نور مرکزی
- ۱۳۸۹-۱۳۸۸: معاون آموزشی و پژوهشی دانشگاه پیام نور مرکز کرج
- ۱۳۸۸ - ۱۳۹۱: مدیر گروه بیوتکنولوژی کشاورزی دانشگاه پیام نور استان تهران
- ۱۳۸۸: مدیر دفتر تحصیلات تکمیلی دانشگاه پیام نور مرکز کرج
- ۱۳۸۷: رئیس موسسه آموزش عالی غیرانتفاعی - غیر دولتی هاتف زاهدان
- ۱۳۸۴-۱۳۷۹: معاون آموزشی دانشگاه آزاد اسلامی واحد زاهدان
- ۱۳۷۹-۱۳۷۵: رئیس دانشکده مهندسی دانشگاه آزاد اسلامی واحد زاهدان
- ۱۳۷۵-۱۳۷۳: مدیر گروه کشاورزی دانشگاه آزاد اسلامی واحد زاهدان
- ۱۳۷۳: معاون اداری و مالی دانشگاه آزاد اسلامی واحد ایرانشهر

دیگر سوابق اجرایی، علمی و افتخارات

- پژوهشگر برتر دانشگاه پیام نور در بخش علوم کشاورزی در سال ۱۳۹۵
- مولف برتر دانشگاه پیام نور بابت تالیف کتاب اصول و مبانی مهندسی ژنتیک در سال ۱۳۹۵
- دبیر کمیته منتخب و کمیسیون تخصصی هیات ممیزه کشاورزی دانشگاه پیام نور ۱۳۹۰ تا کنون
- پژوهشگر برتر سال ۱۳۹۲ دانشگاه پیام نور استان تهران
- عضو شورای تدوین کتب دانشگاه پیام نور ۱۳۹۲ تا کنون
- عضو شورای فرهنگی دانشگاه پیام نور استان تهران ۱۳۹۰
- عضو شورای آموزشی دانشگاه پیام نور استان تهران ۱۳۹۰ تا ۱۳۹۲
- رئیس کمیته بدوی انضباطی دانشجویان دانشگاه پیام نور مرکزی
- رئیس شورای فرهنگی دانشگاه پیام نور مرکزی
- عضو کمیته علمی دوازدهمین کنگره ژنتیک ایران ۱۳۹۱
- عضو کمیته علمی و کمیته اجرایی هفتمین همایش ملی بیوتکنولوژی کشاورزی ایران. شهریور ۱۳۹۰
- عضو شورای آموزشی دانشگاه پیام نور استان تهران ۱۳۸۹ تا کنون
- عضو گروه تخصصی منابع طبیعی و بیوتکنولوژی دانشکده کشاورزی دانشگاه پیام نور ۱۳۸۸
- قائم مقام رئیس و مسئول هماهنگی اولین همایش ملی مشکلات اضطرابی کودکان و نوجوانان، دانشگاه پیام نور، اسفند ۸۸
- نماینده انجمن زراعت و اصلاح نباتات در استان سیستان و بلوچستان به مدت ۱ سال (۱۳۸۴)
- عضو هیأت مدیره سازمان مهندسی کشاورزی استان سیستان و بلوچستان به مدت ۲ سال (۱۳۸۳-۱۳۸۲)

- عضو پیوسته انجمن زراعت و اصلاح نباتات ایران به مدت ۱۴ سال (از سال ۱۳۸۳)
- عضو پیوسته انجمن بیوتکنولوژی جمهوری اسلامی ایران به مدت ۲ سال (از سال ۱۳۸۷)
- عضو پیوسته انجمن ژنتیک ایران (از سال ۱۳۹۲)
- عضو پیوسته انجمن پروتئومیکس ایران (از سال ۱۳۹۴)

MANAGING EXPERIENCES

- Director, Examination and Assessment Center, Payame Noor University, Tehran, Iran (Since 2015).
- 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 Hatf, 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

- Associate Professor, Department of Agricultural Biotechnology, University of Payame Noor, Tehran, Iran (Since 2013)
- Assistant Professor, Department of Agricultural Biotechnology, University of Payame Noor, Tehran, Iran (Since 2009)
- 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:

- Principals of Plant Biotechnology
- 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

COURSE AND WORKSHOP ATTENDANCE

- Application of Electrophoresis in Agricultural Sciences. Siatan & Balouchestan University. Zabol, Iran, 1997.
- Scientific Writing, Ferdowsy University of Mashhad, Iran, 2001.
- High Education Management, Islamic Azad University, Tehran, Iran, 2003.
- Advance Teaching Methods, Islamic Azad University, Zahedan, Iran, 2003.
- English (High Advanced Level). University of Pune, India, 2005.
- Genetic Diversity and Biotechnology, National Plant Gene Bank, Karaj, Iran, 2008.
- Techniques for Gene Mapping and Cloning. Pasteur Institute, Tehran, Iran, 2009.

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.

PUBLICATIONS

Full Research Papers:

1. Nikam TD, **Ebrahimi MA**, Sawant SR, Jagtap S, Patil PP. (2008) Eco restoration 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 Rhizomanin Cultivated Beta Germplasm Using RAPD-PN3 Marker. New Cellular and Molecular Biotechnology. 1(4): 49-58
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.
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.
9. Takallu S, Davodi D, Omid 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.
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.
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.
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.
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.
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.
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.
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.
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.
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.
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.
28. Samimifar P, Dehnad A, **Ebrahimi MA**, Bakhshi Khaniki Gh, Tahmasebpour B (2013) Chitinase as the most important secondary metabolites of streptomycetes 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.
30. Samimifar P, Dehnad A, **Ebrahimi MA**, Bakhshi Khaniki Gh, Tahmasebpour B (2013) The biological control of Streptomycetes 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.
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.
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.

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.
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.
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.
42. Ahmadi F, Nasr-Esfahani, **Ebrahimi MA** (2014) Genetic diversity of Iranian onions genotypes using RAPD markers. Modern Genetic Journal. 10(2): 299-303.
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.
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.
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.
53. Panahzadeh-Parikhhan 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.
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.
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.
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.

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