

دکتر محسن مردی



- متولد ۲ خرداد ۱۳۵۰-تهران-متاهل-دارای یک فرزند
- استاد-پژوهشکده بیوتکنولوژی کشاورزی ایران-وزارت جهادکشاورزی
- ایمیل: mardi@abrii.ac.ir; mohsenmardi@yahoo.com
- تلفن: ۰۹۱۲۱۷۹۰۱۰۶ ; ۰۲۶-۳۲۷۰۳۵۳۶

تحصیلات:

- ۱۳۶۸-دیپلم تجربی-دبیرستان بعثت-منطقه ۱۷-تهران
- ۱۳۷۳-کارشناسی زراعت و اصلاح نباتات- دانشگاه تبریز
- ۱۳۷۶-کارشناسی ارشد اصلاح نباتات-دانشگاه تهران
- ۱۳۸۱-دکتری تخصصی اصلاح نباتات گرایش مهندسی ژنتیک و ژنتیک مولکولی-دانشگاه تهران

تخصص:

- انگشت نگاری DNA
- مکان یابی/شناسایی/جداسازی ژن های دخیل در تحمل به تنش های زیستی و غیر زیستی
- مطالعه مولکولی تلفیقی برای ایجاد تحمل به تنش های زیستی و غیر زیستی
- طراحی، تدوین، سازماندهی و اجرای برنامه های جامع ملی و دانش بنیان برای مهار و کنترل معضلات بخش کشاورزی
- مدیریت هولدینگ های کشاورزی و صنایع مرتبط

جوایز و افتخارات:

- قرارگیری در میان ۱۰۰ سرآمد علمی کشور منتخب معاونت علمی و فن آوری ریاست جمهوری: ۱۳۹۴ و ۱۳۹۵
- رتبه دوم ارجاعات مقالات و در مجموع رتبه هفتم در میان ۳۰۲۰ عضو هیات علمی وزارت جهادکشاورزی: ۱۳۹۶
- پژوهشگر برگزیده وزارت جهاد کشاورزی: ۱۳۸۶ و ۱۳۸۹
- کارشناس برگزیده شبکه زیرساخت آزمایشگاهی ستاد نانوتکنولوژی ایران: ۱۳۸۴
- دانشجوی نمونه کشوری: ۱۳۷۲

فعالیت های علمی-اجرایی:

- رئیس بخش تحقیقات ژنومیکس، پژوهشکده بیوتکنولوژی کشاورزی ایران: ۱۳۹۰-۱۳۸۲
- عضو هیئت مدیره انجمن بیوتکنولوژی جمهوری اسلامی ایران: ۱۳۸۶-۱۳۸۴
- معاون برنامه ریزی و پشتیبانی پژوهشکده بیوتکنولوژی کشاورزی ایران: ۱۳۹۳-۱۳۹۰
- تدوین و مدیریت اجرای طرح ملی انگشت نگاری محصولات راهبردی باغبانی: ۱۳۸۹-۱۳۹۳: رونمایی توسط مقام معظم رهبری
- تدوین و مدیریت اجرای طرح کلان ملی ساخت گلخانه کشت محصولات تراریخته: ۱۳۹۲-۱۳۹۱: افتتاح توسط ریاست جمهوری وقت
- تدوین و مدیریت اجرای برنامه ملی مدیریت بیماری جاروک لیموترش ایران: ۱۳۸۸-۱۳۸۵: مصوب و اجرا توسط هیئت دولت وقت
- تدوین و مدیریت اجرای احداث دامپروری نمونه گاو سمینتال به ظرفیت ۱۰۰۰ رأس مولد: ۱۳۹۵-۱۳۹۳: افتتاح توسط ریاست جمهوری وقت
- تدوین و مدیریت اجرای مرکز سنتز گوسفند نژاد افشاری صنعتی به ظرفیت ۵۰۰۰ رأس مولد: ۱۳۹۵-۱۳۹۳: افتتاح توسط وزیر جهادکشاورزی وقت
- تدوین و مدیریت اجرای مرکز تکثیر و پرورش ماهی های گونه های بومی خلیج فارس: ۱۳۹۵-۱۳۹۳: افتتاح توسط وزیر جهادکشاورزی وقت
- مدیریت اجرای تکثیر و پرورش ماهیان خاویاری به منظور تولید ۴۰ تن گوشت، ۱ تن خاویار و ۱۰۰ هزار بچه ماهی خاویاری: ۱۳۹۵-۱۳۹۴
- تدوین، طراحی و مدیریت اجرای احداث کارخانه تولید شیرین کننده طبیعی از گیاه استویا به ظرفیت ۳۰۰ تن در سال: ۱۳۹۶ تا کنون
- تدوین، طراحی و مدیریت اجرای احداث پالایشگاه فرآوری و استانداردسازی گیاهان دارویی به ظرفیت ۲۰۰۰ تن در سال: ۱۳۹۶ تاکنون
- سردبیر مجله علمی و پژوهشی زیست فناوری گیاهان زراعی: ۱۳۹۰ تاکنون

فعالیت های پژوهشی:

- انتشار ۱۲۶ مقاله در مجلات معتبر داخلی و خارجی
- انتشار ۱۱۴ مقاله (کلیدی-شفاهی-پوستر) در کنفرانس های معتبر داخلی و خارجی
- راهنمایی و مشاوره ۶۹ دانشجوی کارشناسی ارشد و دکتری
- اجرا و خاتمه ۴۰ طرح پژوهشی (ملی و استانی) و مدیریت و اجرای ۸ کارگاه آموزشی ملی و بین المللی

Prof. Mohsen MARDI



- System Biology Department
- Agricultural Biotechnology Research Institute of Iran (ABRII)
- Mahdasht Road, Karaj, IRAN, P.O.Box: 31535-1897
- Phone +98 26 32703536, Fax +98 26 32704539
- Mobile : +98-9121790106
- Email: mardi@abrii.ac.ir ; mohsenmardi@yahoo.com

PERSONAL

- 23 May 1971, Tehran, Iran
- Citizenship: Iran
- Married, one child

UNIVERSITY EDUCATION

- 1994, B.S., Agronomy and Plant Breeding, Tabriz University, Iran
- 1997, M.S., Plant Breeding, Tehran University, Iran
- 2003, Ph.D., Molecular Plant Breeding, Tehran University, Iran

SCIENTIFIC AND EXECUTIVE POSITIONS

- Head of genomics Dept. Agricultural Biotechnology Research Institute of Iran, 2004-2005
- Member of the board of directors of the Biotechnology Society of Iran: 2005-2006
- Deputy director of Agricultural Biotechnology Research Institute of Iran: 2012-2015
- Manager of the system biology project to enhance WBDL tolerance in lime: 2008-2015
- Manager of mapping project to develop *Fusarium* head blight resistance in wheat: 2001-2005
- Director manager of the fingerprinting national project for strategic gardening products: 2011-2015
- Director manager of transgenic greenhouse national mega project (Biosafety level 3): 2013-2014
- Director manager of national program for management of witches' broom disease of lime: 2010-2013
- Director manager of construction of livestock of Simmental (1,000 heads): 2015-2016
- Director manager of the center for synthesis of Afshari race sheep (5,000 heads): 2015-2017
- Director manager of the center for production of fish species of Persian Gulf (2000 tones): 2015-2017
- Director manager of the center for production of caviar (1 ton per year): 2015-2017
- Director manager of the construction of stevia sugar factory (300 tons per year): 2018 to date •
- Director manager of the construction of a refinery medicinal plants factory (2000 tons): 2018 to date
- Editor-in-chief of Scientific and Research Journal of Crop Biotechnology: 2011 till now

PUBLICATIONS

International Refereed Journals (* Corresponding author)

1. E. Mohseni Fard, B. Bakhshi, M. Farsi, A. Mirshamsi Kakhki, N. Nikpey, M.A. Ebrahimi, **M. Mardi**, Gh. Hosseini Salekdeh, 2017. MicroRNAs Regulate the Main Events in Rice Drought Stress Response by Manipulating the Water Supply to Shoots. *Molecular BioSystems*, 13: 2289-2302.
2. S. Soheilvand, A. Mousavi, M.R. Safarnejad, N. Farrokhi, **M. Mardi**, M. Tohidfar, S.M. Alavi, 2017. Imposed starvation for in vitro maintenance and high regeneration of elite key lime (*Citrus aurantifolia*). *The Journal of Horticultural Science and Biotechnology*, 1-9. <https://doi.org/10.1080/14620316.2017.1415702>.
3. B. Bakhshi, E. Mohseni Fard, N. Nikpay, M.A. Ebrahimi, M.R. Bihamta, **M. Mardi**, Gh. Hosseini Salekdeh, 2016. MicroRNA Signatures of Drought signaling in Rice Root. *PLOS ONE* | DOI:10.1371/journal.pone.0156814.
4. J. Gharechahi, **M. Mardi**, Gh. Hosseini Salekdeh, 2016. Insight into Physiological, Molecular, and Proteomic Changes Associated with Phytoplasma Infection in Crop Plants. *Agricultural Proteomics*, Volume 2, Springer International Publishing Switzerland, 251-265. DOI 10.1007/978-3-319-43278-6_11.
5. **M. Mardi**, L. Karimi Farsad, J. Gharechahi, Gh. H. Salekdeh, 2015. A Systems Biology Approach Reveals Pathways underlying "Candidatus Phytoplasma aurantifolia Interactions with Mexican Lime Tree. *PLOS ONE*, 10 (7): DOI:10.1371/journal.pone.0130425.
6. A Al-Yassin, R Khademian, **M Mardi**, SMK Nekouei, B Nakhoda, 2015. Identification of Natural Nucleotide Mutations of Salt Tolerance Candidate Genes (HvHKT1 and HvCBL4) in Barley Ecotypes by Sequencing. *American-Eurasian Journal of Sustainable Agriculture*, DOI: 10.5829/idosi.aejas.2015.15.7.12661.
7. V. Narjesi, M. Mardi, E. Majidi Hervan, A. Azadi, M.R. Naghavi, M. Ebrahimi, A.A. Zali, 2015. Analysis of Quantitative Trait Loci (QTL) for grain yield and agronomic traits in wheat (*Triticum aestivum* L.) under normal and salt-stress conditions. *Plant molecular biology reporter*, 33: 2030-2040.
8. A. Azadi, **M. Mardi***, E. Majidi Hervan, S.A. Mohammadi, F. Moradi, M.T. Tabatabaee, S.M. Pirseyedi, M. Ebrahimi, F. Fayaz, M. Kazemi, S. Ashkani, B. Nakhoda, Gh. Mohammadi-Nejad, 2015. QTL mapping of yield and yield components under normal and salt-stress conditions in bread wheat (*Triticum aestivum* L.). *Plant Molecular Biology Reporter*, 33 (1): 102-120. DOI: 10.1007/s11105-014-0726-0.
9. B. Masoudi, **M. Mardi**, E. Majidi Hervan, M.R. Bihamta, M.R. Naghavi, B. Nakhoda, A. Amini, 2015. QTLs mapping of salt tolerance traits with different effects at seedling stage of bread wheat. *Journal of Agricultural Science and Technology. Plant Molecular Biology Reporter*, 33: 1790-1803.
10. Sh. Kolahi, **M. Mardi**, M. Zeinalabedini, S.M. Pirseyedi, P. Mahmoodi, I. Tabatabaei, S.M. Mosavi, M. Farsi, M.A. Ebrahimi, S.M. Khayam Nekouie, K. Ahmadi, 2014. Development of 12 new SSR markers for genetic diversity and structure analysis in pistachio (*Pistacia vera* L.). *Journal of Horticultural Science & Biotechnology*, 89: 707-711.
11. Z. Nemati, M. Mardi, P. Majidian, M. Zeinalabedini, S.M. Pirseyedi, M. Bahadori, 2014. Saffron (*Crocus sativus* L.), a monomorphic or polymorphic species?. *Spanish Journal of Agricultural Research*, 12:753-762. [dx.doi.org/10.5424/sjar/2014123-5564](https://doi.org/10.5424/sjar/2014123-5564).
12. F. Najafi, **M. Mardi**, B. Fakheri, S.M. Pirseyedi, N. Mehdinejad, M. Farsi, 2014. Isolation and Characterization of Novel Microsatellite Markers in Walnut (*Juglans regia* L.). *American Journal of Plant Science*. 5: 409-415.

13. M. Ghaedrahmati, **M. Mardi**, M. R. Naghavi, E. Majidi Haravan, B. Nakhoda, A. Azadi, M. Kazemi, 2014. Mapping QTLs associated with salt tolerance related traits in seedling of wheat (*Triticum aestivum* L.). Journal of Agricultural Science and Technology. 16: 1413-1428.
14. B. Masoudi, M. Mardi, E. Majidi Hervan, M.R. Bihamta, M.R. Naghavi, 2014. Physiological response of wheat (*Triticum aestivum* L.) cultivars and inbred lines to salinity stress at the seedling stage. International Journal of Biosciences, 4: 60-69. dx.doi.org/10.12692/ijb/4.11.60-69.
15. B. Masoudi, E. Majidi Hervan M. Mardi, , M.R. Bihamta, M.R. Naghavi, B. Nakhoda, A. Ashkboos, 2014. QTL mapping of genes controlling Na^+ and K^+ concentration in roots and shoots of wheat under normal and salt stress conditions. IRANIAN JOURNAL OF AGRICULTURAL SCIENCES, 45: 345-353.
16. F. Ehya, A. Monavarfeshani, E. Mohseni Fard, L. Karimi Farsad, M. Khayam Nekouei, **M. Mardi***, Gh. Hosseini Salekdeh, 2013. Phytoplasma-responsive microRNAs modulate hormonal, nutritional, and stress signalling pathways in Mexican lime trees. PLOS ONE, 8: 1-8. e66372.
17. M. Feshani, **M. Mardi***, M. Mirzaei, E. Sarhadi, M. Khayam Nekouei, P. Haynes, G.H. Salekdeh, 2013. Shotgun Proteomic Analysis of the Mexican lime tree infected with "*Candidatus* Phytoplasma aurantifolia". Journal of Proteome Research 12: 785–795. dx.doi.org/10.1021/pr300865t.
18. M. Alikhani, B. Khatabi, M. Sepehri, M. Khayam Nekouei, **M. Mardi**, Gh. Hosseini Salekdeh, 2013. Proteomics approach to study the molecular basis of enhanced salt tolerance in barley (*Hordeum vulgare* L.) conferred by the root mutualistic fungus *Piriformospora indica*. Molecular BioSystems.9: 1498-14510. DOI: 10.1039/c3mb70069k.
19. S. Moradi, M. Zaghari, M. Shivazad, R. Osfoori, **M. Mardi**, 2013. The effect of increasing feeding frequency on performance, plasma hormones and metabolites, and hepatic lipid metabolism of broiler breeder hens. Poultry Science 92 :1227–1237.
20. S.M. Mousavi Derazmahalleh, **M. Mardi**, M. Zeinalabedini, M. Kazemi, S.H. Marashi, S. Malekzadeh, S.M. Khayam Nekouei, T. Roodbar Shojaie, 2013. The Survey of Genetic Diversity and Population Structure Analysis of Iranian Sweet Pomegranate (*Punica granatum* L.) Germplasm Using SSR Markers. Acta Hort. 976: 271-276.
21. P. Majidian, M. Zeinalabedini, J. Dejampour, B. Krska, B. Nakhoda and **M. Mardi**, 2013. Evaluation of Genetic Relationships of Some Apricot Accessions Using Fluorescent-AFLP Markers. Acta Hort. 976:265-269.
22. M. Shabani, C. Bertheau, M. Zeinalabedini, A. Sarafrazi, **M. Mardi**, S. M. Naraghi, H. Rahimian, M. Shojaee, 2013. Population genetic structure and ecological niche modelling of the leafhopper *Hishimonus phycitis*. J Pest Sci, 86:173-183. DOI 10.1007/s10340-012-0463-9.
23. M. Ghaedrahmati, **M. Mardi**, M.R. Naghavi, E. Majidi, B. Nakhoda, A. Azadi, 2013. Assessment of salinity-related traits in the recombinant inbred lines population derived from the cross wheat varieties of Roshan and Sabalan. Annals of Biological Research, 4 :120-126.
24. S. Abbasalizadeh, Gh. Salehi Jouzani, M. Motamedi Juibari, R. Azarbaijani, L. Parsa Yeganeh, M. Ahmad Raji, **M. Mardi**, Gh. Hosseini Salekdeh, 2012. The Draft Genome Sequence of *Ureibacillus thermosphaericus* strain: Thermo-BF Isolated From Ramsar hot springs in Iran. Journal of Bacteriology, 194: 4431.doi:10.1128/JB.00634-12.
25. Fayaz, **M. Mardi**, M. Aghaee, F. Darvish, R. Talebi, 2012. Phenotypic diversity analysis of grain yield and yellow pigment content in germplasm collected from Iranian durum wheat (*Triticum turgidum* L.) landraces. Archives of Agronomy and Soil Science, 1-19. DOI:10.1080/03650340.2012.708927.

26. M. Kazemi Alamuti, M. Zeinalabedini, T. RoodbarShojaie, H. Poor Irandoost, M. Zahravi, M. Vazifehshenas, M. Ali Ebrahimi, S.M. Khayam Nekouei, S. Gh. Hossini Salekdeh, **M. Mardi***, 2012. Extensive Genetic Diversity in Iranian pomegranate (*Punica granatum* L.) germplasm revealed by Microsatellite markers. *Scientia Horticulturae*. 146:104-114. dx.doi.org/10.1016/j.scienta.2012.07.029.
27. Z. Nemati; M. Zeinalabedini; **M. Mardi**; S. M. Pirseyediand; S. H. Marashi; S. M. Khayam Nekoui, 2012. Isolation and Characterization of a first set of polymorphic microsatellite markers in saffron, *Crocus Sativus* L. *American Journal of Botany*, e340–e343. doi:10.3732/ajb.1100531.
28. M. Zeinalabedini, S.Sohrabi, K. Nikoumanesh, A. Imani, **M. Mardi**, 2012. Phenotypic and molecular variability and genetic structure of Iranian almond cultivars. *Plant Syst Evol*.298:1917-1929. DOI 10.1007/s00606-012-0691-8.
29. F. Rad, A. Mohsenifar, M. Tabatabaei, M.R. Safarnejad, F. Sahryari, H. Safarpour, A. Foroutan, **M. Mardi**, D. Davoudi, M.H. Fotokian, 2012. DETECTION OF CANDIDATUS PHYTOPLASMA AURANTIFOLIA 1 WITH A QUANTUM DOTS FRET-BASED BIOSENSOR. *Journal of Plant Pathology* 94:525-534.
30. Daniel J. Klionsky, Fabio C. Abdalla, Hagai Abeliovich, more than 200 authors, Mateus Marcondes, **Mohsen Mardi**, Gabriella Marfe, more than 100 author, Antonio Zorzano, Jürgen Zschocke and Brian Zuckerbraun, 2012. Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*,8: 445 - 544.
31. Aleosfoor, K. Izadpanah, M.S. Mossadegh, M. Masoumi, M.S. Sadeghi, **M. Mardi**, Ali Reza Afsharifar and Jamshid Hayati, 2012. GENETIC DIVERSITY OF *RHOPALOSIPHUM PADI* L. (HOM.: APHIDIDAE) USING MICROSATELLITE MARKERS. *Mun. Ent. Zool.* 7:1073-1078.
32. Monavar Feshani, S. Mohammadi, T.P. Frazier, A. Abbasi, R. Abedini, L. Karimi Farsad, F. Ehya, Gh. Hosseini Salekdeh, **M. Mardi***, 2012. Identification and validation of Asteraceae miRNAs by the expressed sequence tag analysis. *Gene*, 493: 253-259. DOI 10.1016/j.gene.2011.11.024.
33. A.R. Tavasolee, N. Aliasghar zad, Gh. R. Salehi, **M. Mardi**, A. Asgharzadeh, S. Akbarivala, 2011. Effects of Co-Inoculation with Arbuscular Mycorrhizal Fungi and Rhizobia on Fungal Occupancy in Chickpea Root and Nodule Determined by Real-Time PCR. *Current Microbiology*, 63:107–114. DOI 10.1007/s00284-011-9951-z.
34. M. Mohammadi Bazargani, E. Sarhadi, A.A. Shahnejat Bushehri, A. Matros, H.P. Mock, M.R. Naghavi, V. Hajihosseini, **M. Mardi**, M.R. Hajirezaei, F. Moradi, B. Eghdaie, Gh. Hosseini Salekdeh, 2011. A proteomics view on the role of drought-induced senescence and oxidative stress defense in enhanced stem reserves remobilization in wheat. *Journal of Proteomics*, 74: 1959–1973. doi:10.1016/j.jprot.2011.05.015.
35. Taheri, G. Nematzadeh, M. Ghayeb Zamharir, M. Khayyam Nekouei, **M. Mardi***, G. Hoseini Salekdeh*, 2011. Proteomic analysis of the Mexican lime tree response to “*Candidatus Phytoplasma aurantifolia*” infection. *Molecular Biosystems*, 7: 3028-3035. DOI:10.1039/C1MB05268C.
36. M. Ghayeb Zamharir, **M. Mardi***, S. M. Alavi, N. Hasanzadeh, H. R. Zamanizadeh, A. Alizadeh, G. Hosseini Salekdeh*, S. M. Khayyam Nekouei, 2011. Identification of genes differentially expressed during interaction of acid lime infected with *Candidatus Phytoplasma aurantifolia*. *BMC Microbiology*, 11: 1-9, doi:10.1186/1471-2180-11-1.
37. Basaki, R. Choukan, S. M. Khayam Nekouei, **M. Mardi**, E. Majidi, S. Faraji, M. Zeinolabedini, 2011. Association Analysis for Morphological Traits in Pomegranate (*Punica granatum* L.) Using Microsatellite Markers. *Middle-East Journal of Scientific Research*, 9: 410-417.

38. S.A. Mirbabaee, **M. Mardi***, P. Mahmoudi, S.M. Pirseyedi, A. Abbasi Sahebi, M. Farsi, H. Soleimani, Gh. Bakhshikhaniki, M. Zeinalabedini, S.M. Khayam Nekouei, 2011. Development of new microsatellite markers from an enriched genomic library in date palm (*Phoenix dactylifera* L.). *The Journal of Horticultural Science & Biotechnology*, 86:539–541.
39. M. Shabani, **M. Mardi***, A. Sarafrazi, S. Mohajeri Naraghi, H. Rahimian, M. Shojaee, 2011. Isolation and characterization of novel microsatellite marker from the leafhopper *Hishimonus phycitis* Distant. (Hemiptera: Cicadellidae). *Conservation Genetics Resources*, 3: 493-495, DOI:10.1007/s12686-011-9387-6
40. S. Mohajeri Naraghi, **M. Mardi***, T. Hasanloo, S. M. Pirseyedi, P. Mahmoodi, 2011. Isolation and characterization of novel microsatellite loci in *Vaccinium arctostaphylos* L. *Conservation Genetics Resources*, 3: 441-444, DOI:10.1007/s12686-010-9375-2.
41. N. Askari, Gh. Salehi Jouzani, M. Mousivand, A. Foroutan, A. Hagh Nazari, S. Abbasalizadeh, S. Soheilvand, **M. Mardi**, 2011. Evaluation of anti-phytoplasma properties of surfactin and tetracycline against lime witches broom disease using real time PCR. *J. Microbiol. Biotechnol.* 21:81–88, doi: 10.4014/jmb.1007.07047.
42. A.R. Tavasolee, N. Aliasgharzad, Gh. SalehiJouzani, **M. Mardi**, A. Asgharzadeh, 2011. Interactive effects of *Arbuscular mycorrhizal* fungi and rhizobial strains on chickpea growth and nutrient content in plant. *African Journal of Biotechnology*, 10:7585-7591.
43. Azadi, E. Majidi Harvan, S.A. Mohammadi, F. Moradi, B. Nakhoda, **M. Mardi**, 2011. Screening of recombinant inbred lines for salinity tolerance in bread wheat. *African Journal of Biotechnology*, 10: 12875-12881.
44. **M. Mardi***, M.R. Naghavi, S.M. Pirseyedi, M. Kazemi Alamooti, S. Rashidi Monfared, A.H. Ahkami, M.A. Omidbakhsh, N.S. Alavi, P. Salehi Shanjani, A. Katsiotis, 2011. Comparative Assessment of SSAP, AFLP and SSR Markers for Evaluation of Genetic Diversity of Durum Wheat (*Triticum turgidum* L. var. *durum*). *Journal of Agricultural Science and Technology*. 13: 905-920.
45. Jowkar, **M. Mardi***, M.J. Kermani, M. Kafi, S.M. Pirseyedi, M.R. Ghaffari, R. Fattahi, M. Zeinolabedini, P. Mahmoodi, 2010. Development of novel microsatellite markers from an enriched genomic library in *Rosa pulverulenta*. *Molecular Ecology Resources*, 10: 1098-1105. doi: 10.1111/j.1755-0998.2010.02898.x.
46. H. Mahmoudi Nasab, **M. Mardi**, H. Talaei, H. Fazeli Nashli, S.M. Pirseyedi, A. Hojabri Noobari, S. Mowla, 2010. Molecular Analysis of Ancient DNA Extracted from 3250-3450 Year-old Plant Seeds Excavated from Tepe Sagz Abad in Iran. *Journal of Agricultural Science and Technology*, 12: 459-470.
47. R. Talebi, **M. Mardi**, N. Babaeian Jelodar, M. Razavi, S.M. Pirseyedi, R. Mehrabi, M. Ebrahimi, T.C. Marcel, G. Kema, 2010. Specific Resistance Genes in a Wheat Chinese Landrace ‘Wangshuibai’ against Two Iranian *Mycosphaerella graminicola* Isolates. *International Journal of Biology*, 2: 181-188.
48. Taleei, R.Gh. Mirfakhraee, **M. Mardi**, A.A. Zali, C. Mahfouzi, 2010. Molecular Markers Associated with Low Temperature Tolerance in Winter Wheat. *Communications in Computer and Information Science*, 118, 283-290, DOI: 10.1007/978-3-642-17622-7_29.
49. M.R. Ghaffari, **M. Mardi***, F. Ehya, L. Karimi Farsad, S. Hosseini, B. Ghareyazie, 2010. Mapping and expression analysis of a Fusarium head blight resistance gene candidate pleiotropic drug resistance 5 (*PDR5*) in wheat. *Iranian Journal of Biotechnology*, 8: 112-116.
50. P. Mahmoodi, S.M. Khayam Nekoui, **M. Mardi***, S.M. Pirseyedi, M.R. Ghaffari, M. Ramroodi, B.A. Siahsar. 2010. Isolation and characterization of new microsatellite marker in *Taxus baccata* L. *Conservation Genetics Resources*, 2: 195-199. DOI: 10.1007/s12686-009-9133-5.

51. S.M. Pirseyedi, S. Valizadehghan, **M. Mardi***, M.R. Ghaffari, P. Mahmoodi, M. Zahravi, M. Zeinalabedini, S.M. Khayam Nekoui. 2010. Isolation and Characterization of Novel Microsatellite Markers in Pomegranate (*Punica granatum* L.). *Int. J. Mol. Sci.* 11: 2010-2016. doi:10.3390/ijms11052010.
52. M. Modaresi, V. Mohammadi, A.A. Zali, **M. Mardi**, 2010. Response of wheat yield and yield related traits to high temperature. *Cereal Research Communications*, 38: 23-31. DOI 10.1556/CRC.38.2010.1.3.
53. L. Pazouki, **M. Mardi**, P. Salehi Shanjani, M. Hagidimitriou, S.M. Pirseyedi, M.R. Naghavi, D. Avanzato, E. Vendramin, S. Kafkas, B. Ghareyazie, M. R. Ghaffari, S.M. Khayam Nekoui, 2010. Genetic diversity and relationships among Pistacia species and cultivars. *Conservation Genetics*, 11:311–318. DOI 10.1007/s10592-009-9812-5.
54. M. Sharifi Tehrani, **M. Mardi**, J. Sahebi, P. Catalan, A. Diaz-Perez, 2009. Genetic diversity and structure among Iranian tall fescue populations based on genomic-SSR and EST-SSR marker analysis. *Plant Syst. Evol.*, 282:57–70.
55. M.R. Naghavi, M. Malaki, H. Alizadeh, S.M. Pirseyedi, **M. Mardi**, 2009. An Assessment of Genetic Diversity in Wild Diploid Wheat *Triticum boeoticum* from West of Iran Using RAPD, AFLP and SSR Markers. *Journal of Agricultural Science and Technology*, 11: 585-598.
56. M. Pezhmanmehr, M.E. Hassani, F. Jahansooz, A.A. Najafi, F. Sefidkon, **M. Mardi**, S.M. Pirseyedi, 2009. Assessment of genetic diversity in some Iranian populations of *Bunium persicum* using RAPD and AFLP markers, *Iranian Journal of Biotechnology*, 7:93-100.
57. R. Talebi, N.A. Babaeian Jelodar, **M. Mardi**, B.J. Furman, F. Fayaz, N.A. Bagheri, 2009. Phylogenetic diversity and relationship among annual *Cicer* species using random amplified polymorphic DNA markers. *General and Applied Plant Physiology*, 35:03–12.
58. Ramezani, R. Haddad, M. Dorostkar, **M. Mardi**, M.R. Naghavi, 2009. Evaluation of genetic diversity of Iranian grapevine accessions using microsatellite markers. *Vitis*, 48: 151-152.
59. Jowkar, M. Jafarkhani Kermani, M. Kafi, **M. Mardi**, Z. Hoseini, P. Koobaz, 2009. Cytogenetic and Flow Cytometry Analysis of Iranian *Rosa* spp. *Floriculture and Ornamental Biotechnology*, 3(1):71-74.
60. P. Salehi Shanjani, **M. Mardi**, L. Pazouki, M. Hagidimitriou, D. Avanzato, S.M. Pirseyedi, M.R. Ghaffari, S.M. Khayam Nekoui, 2009. Analysis of the molecular variation between and within cultivated and wild Pistacia species using AFLPs. *Tree Genetics and Genomes*, 5:447–458.
61. T. Basaki, **M. Mardi***, M. Jafarkhani Kermani, S.M. Pirseyedi, A. Haghazari, P. Salehi Shanjani, P. Kobaz 2008. Assessing *Rosa persica* Genetic diversity using amplified fragment length polymorphisms analysis, 120: 538–543.
62. M.R. Naghavi, M. Ranjbar, M.J Aghaei, **M. Mardi**, A.A. Zali, S.M. Pirseyedi, 2009. Genetic diversity of *Aegilops crassa* and its relationship with *Aegilops tauschii* and the D genome of wheat. *Cereal Research Communications*, 37: 159–167.
63. M. Mazaheri, M.R. Naghavi, M.R. Ghaffari, S.M. Pirseyedi, B. Ghareyazie, S. Abdemishani, **M. Mardi***, 2008. Resistance Gene Analog Polymorphism (RGAP) Markers Co-Localize with the Major QTL of FHB Resistance, *Qfhs.ndsu-3BS*, in Wheat. *Iranian Journal of Biotechnology*, 6: 119-123.
64. Fathi, B. Ghareyazi, A. Haghazari, M.R. Ghaffari, S.M. Pirseyedi, S. Kadkhodaei, M.R. Naghavi, **M. Mardi***, 2008. Assessment of the genetic diversity of almond (*Prunus dulcis*) using microsatellite markers and morphological traits. *Iranian Journal of Biotechnology*, 6: 98-106.

65. R. Talebi, F. Fayaz, **M. Mardi**, S.M. Pirseyedi, A.M. Naji, 2008. Genetic relationships among chickpea (*cicer arietinum* L.) elite lines based on RAPD and agronomic markers. *Int. J. Agri. Biol.*,10:301-305.
66. A.M. Naji, M. Moghaddam, M.R. Ghaffari, H. Pour Irandoost, L. Karimi Farsad, S.M. Pirseyedi, S.A. Mohammadi, B. Ghareyazie, **M. Mardi***, 2008. Validation of EST-derived STS markers localized on *Qfhs.ndsu-3BS* for Fusarium head blight resistance in wheat using a 'Wangshuibai' derived population. *J. Genetics and Genomics* 35: 625-629.
67. M. Sharifi Tehrani, **M. Mardi**, H. Saeidi, B. Ghareyazie, M. Assadi, 2008. Transferability of genomic and EST-microsatellites from *Festuca arundinacea* Schreb. to *Lolium persicum* Boiss. *And Hohen. Ex Boiss. International journal of Botany*, 4: 476-480.
68. F. Mozaffarian, **M. Mardi**, A. Sarafrazi, G.N. Ganbalani, 2008. Assessment of geographic and host-associated population variations of carob moth, *Ectomyelois ceratoniae* on pomegranate, fig, pistachio and walnut, using AFLP markers. *Journal of Insect Science*, 8: 1-9.
69. M.R. Naghavi, **M. Mardi**, S.M. Pirseyedi, S.F. Tabatabaei, 2008. Evaluation of genetic diversity in the subspecies of *Aegilops tauschii* using microsatellite markers *Cereal Research Communications*,36. 21–31.
70. A.R. Eivazi, M. R. Naghavi, M. Hajheidari, S.M. Pirseyedi, M.R. Ghaffari, S. A. Mohammadi, I. Majidi, S.G.H. Salekdeh, **M. Mardi***, 2008. Assessing wheat (*Triticum aestivum* L. genetic diversity using quality traits, amplified fragment length polymorphisms, simple sequence repeats and proreome analysis, 152: 81–91
71. Omrani-Sabbaghi, M. Shahriari, M. Falahati-Anbaran, S.A. Mohammadi, A. Nankali, **M. Mardi**, B. Ghareyazie, 2007. Microsatellite markers based assessment of genetic diversity in Iranian olives (*Olea europaea* L.) collections. *Scientia Horticulture*, 112: 439-447.
72. M.R. Nagahvi, **M. Mardi**, S.M. Pirseyedi, M.B. Kazemi, P. Potki, M.R. Ghaffari, 2007. Comparison of genetic variation among accessions of *Aegilops tauschii* using AFLP and SSR markers. *Genetic Resources and Crop Evolution*, 54: 237-240.
73. H. Doulaty Baneh, S.A. Mohammadi, M. Labra, A. Nazemieh, F. De Mattia, **M. Mardi**, 2007. Chloroplast microsatellites markers to assess genetic diversity in wild and cultivated grapevines of Iran. *J. Biol. Sci.*, 11:1855-1859.
74. M. Malaki, M.R. Naghavi, H. Alizadeh, P. Potki, M.B. Kazemi, S.M. Pirseyedi, **M. Mardi**, S.F. Tabatabaei, 2006. Study of Genetic variation in wild diploid wheat (*Triticum boeoticum*) from Iran using AFLP markers. *Iranian Journal of Biotechnology*, 4: 269-274.
75. **M. Mardi***, L. Pazouki, H. Delavar, M.B. Kazemi, B. Ghareyazie, B. Steiner, R. Nolz, M. Lemmens, and H. Buerstmayr, 2006. QTL analysis of resistance to Fusarium head blight in wheat using a 'Frontana' derived population. *Plant Breeding*,125: 313-317.
76. S.M. Pirseyedi, **M. Mardi**, M.R. Naghavi, H.P. Irandoost, D. Sadeghzadeh, S.A. Mohammadi, B. Ghareyazie, 2006. Evaluation of genetic diversity and identification of informative markers for morphological characters in Sardari derivative wheat lines. *J. Biol. Sci.*, 13:2411-2418.
77. R. Hagnazari, J. Samimifard, J. Najafi, **M. Mardi**. 2005. Genetic diversity in pea (*Pisum sativum* L.) accessions detected by sequence tagged microsatellite markers. *J. Genet. & Breed.* 59:145-152.
78. **M. Mardi***, H. Buerstmayr, B. Ghareyazie, M. Lemmens, S.A. Mohammadi, R. Nolz, P. Ruckenbauer, 2005. QTL analysis of resistance to Fusarium head blight in wheat using a 'Wangshuibai' derived population. *Plant Breeding*, 124: 329-333.

79. S. M. Pirseyedi, **M. Mardi***, S. Davazdahemami, M. J. Kermani, S.A. Mohammadi, 2005. Genetic diversity analysis of 12 Iranian Damask rose (*Rosa damascena* Mill.) genotypes using AFLP markers. Iranian journal of biotechnology, 3:225-230.
80. **M. Mardi***, B. Ghareyazie, H. Buerstmayr, M. Lemmens, N. Moshrefzadeh, P. Ruckenbauer, 2004. Combining ability analysis of resistance to head blight caused by *Fusarium graminearum* in spring wheat. *Euphytica*, 139:45-50.
81. M.R. Naghavi, **M. Mardi**, H.A. Ramshini, B. Fazelinasab, 2004. Comparative analyses of the genetic diversity among bread wheat genotypes based on RAPD and SSR markers. *Iranian Journal of Biotechnology*, 2: 195-202.
82. **M. Mardi***, B. Yazdisamadi, M.R. Ghanadha, B. Ghareyazie, A.R. Talei, H. Buerstmayr, 2002. Genetic analysis of inbred lines and their cross for *Fusarium* head blight resistance in common wheat. *J. Appl. Genet.* 43: .267-278.
83. **M. Mardi***, B. Yazdisamadi, M.R. Ghanadha, B. Ghareyazie, A.R. Talei, H. Buerstmayr, 2002. Identification of DNA markers linked to QTL controlling *Fusarium* head blight resistance in common wheat. *J. Appl. Genet.* 43: 279-288.

National Refereed Journals (* Corresponding author)

84. M. Ghaedrahmati, **M. Mardi**, M.R. Naghavi, E. Majidi, B. Nakhod, A. Azadei, Gh. Mohammadei nejad, 2017. Statistical analysis yields and its components of seeds resulted from early crosses wheat cultivars under salinity conditions. *J. of Crop Breeding*, 9:56-66.
85. A. Azadi, **M. Mardi**, E. Majidi Harvan, S.A. Mohammadi, F. Moradi, 2016. QTL Analysis for Sodium and Potassium Concentration and Potassium to Sodium Ratio in Wheat Under Salt-Stress Condition, *Crop Biotech.* 16: 61-73.
86. **M. Mardi**, M. Zeinalabedini, SM Mousavi-Derazmahalleh, AA Zeinanloo, P. Majidian, SH Kolahi-Zonoozi, MR Taslimpor, SA Masoomi-Majareh, FA Jamgard, K Mostafavi, 2016. Commercial Iranian olive cultivars: morphological traits, molecular diversity, and genetic structure. *The Journal of Horticultural Science and Biotechnology*, 91: 404-411.
87. **M. Mardi***, M. Zeynolabedini, A. Tajabadipor, M. Jazayeri, M. Farsi, SM. Khayamnekoie, M. Jamali, A. Kavand, K. Jarahi, F. Shams Kia, A. Loni, S. Koshkam, Z. Tahernejad, A. Sharafati, A. Mortazavi, S. Kashanizadeh. 2015. Application of Microsatellite Markers for Identification and Registration of Pistachio Cultivars. *J. of Agricultural Biotechnology*, 2:135-153.
88. **M. Mardi*** et al. 2015. Application of Microsatellite Markers for Identification and Registration of Date Palm Cultivars. *Journal of Horticultural Science and Technology*, 15:257-153.
89. **M. Mardi***, M. Zeinalabedini, R. Haghjoyan, S. H. Jamali, S. M. Khayam Nekouei, A. Kavand, K. Ahmadi, L. Sadeghi, A.A. Loni, T. Karami, Soghra Khoshkam, 2015. Application of Microsatellite Markers for Identification and Registration of Walnut Cultivars. *Journal of Horticultural Science*, 2: 584-593.
90. R. Khademian, N.A. Babae Comparative Assessment of SSAP ian, S.M. Khayam Nekouei, **M. Mardi**, B. Nakhoda, 2015. Design specific primers for the study of single nucleotide diversity of genes and determine their performance. *Journal of Crop Breeding*, 7:1130-138.

91. M. Shafiee, **M. Mardi**, M. Fattahi Moghaddam, Z. Zamani, 2014. The Study of genetic relationship in some Citrus species using EST-SSRs developed by transcriptome sequencing of Clementine. *Genetic Novin*, 3:289-298.
92. Mousavi Derazmahalleh S.M., Zeinalabedini **M., Mardi** M., Marashi S.H., Malekzadeh S, Kazemi M., Roodbar Shojaie T., Zahravi M, 2013. The Survey of Genetic Diversity & Population Structure Analysis of Iranian Sweet Pomegranate (*Punica granatum* L.) Germplasm Using SSR Markers. *Agricultural Biotechnology*, 4:137-150.
93. L. Karimi Farsad, **M. Mardi**, M.A. Ebrahimi, 2013. Quantitative expression analysis of candidate genes for *Septoria tritici* blotch resistance in wheat (*Triticum aestivum* L.). *Progress in Biological Sciences*, 3: 2-78.
94. L. Khodaei, A. Taleei, **M. Mardi**, M.R. Naghavi, L. Karimi Farsad, Sedaghatfar, 2013. Expression Patterns of Genes Involved in Septoria Leaf Blotch REsistance in Bread Wheat (*Triticum aestivum* L.). *Agricultural Biotechnology*, 11:51-59.
95. M. Khakzad, M. Zeinolabedini, , J. Dezhampour, B.M. Zanjani, A. Imani, A. Soleimani, **M. Mardi**, 2013. Aplication of AFLP markers in genetic structure of *Prunus*genus. *Genetic Novin*, 3: 241-250.
96. M. Habibi, N. Mirakhorli, B. Shiran, **M. Mardi**, 2013. Thaumatin like protein Gene Expession Pattern for Septoria tritici Blotch Resistance in wheat. *Genetic Novin*, 1:149-158.
97. S. Sardoueinassab, Gh. Mohammadenejad, A.R. Zebarjadi, B. Nakhoda, **M. Mardi**, S.M.T. Tabatabaei., GH. R. Sharifi, A. Amini, I. Majidi, 2013. Response of Bread Wheat (*Triticum aestivum* L.) Lines to Salinty Stress. *Seed and Plant Improvement Journal*. 29: 81-102.
98. M.B. Kazemi, M.A. Ebrahimi, M. Zeinolabedini, **M. Mardi**, T.R. Shojaei, M. Pejmanmehr, H. PourIrاندoust, 2013. Genetic Diversity of Iranian Sour Pomegranate (*Punica granatum* L.) Germplasm Based on Microsatellite Markers. *Seed and Plant Improvement Journal*. 29: 179-197.
99. P. Majidian, M. Zeinolabedini, J. Dezhampour, M. Dabbab, M. Farsi, **M. Mardi**, S.M. Mousavi, 2012. Study of genetic diversity and eco-geographic groups in some apricot cultivars and geotypes using AFLP markers, *Journal of Agricultural Biotechnology* 1: 67-76.
100. K. Hotamsorouri, H. Mazahery-Laghab, M. Mardi, 2012. Identification of Microsatellite Markers Linked to *Fusarium* Head Blight Resistance Genes in Wheat. *AGRICULTURAL BIOTECHNOLOGY*, 11:17-22.
101. A.R. Farokhzad, Z.A. Zamani, M.R. Fatahi Moghadam, A. Talaei, **M. Mardi**, A. Gharghani, A. Shahi Ghareh Lar, 2011, An Evaluation of Populations from Controlled Crosses between Iranian and Exotic Apples and Relationship between their Vegetative and Early Flowering Characters. *Iranian Journal of Horticultural Sciences*. 2:193-205.
102. M. Ranjbar, M.R.Naghavi, A.A. Zali, M.J. Aghaei, **M. Mardi**, 2011. Identification of microsatellite informative markers in Iraninan *Aegilops crassa* landraces. *Genetic Novin*, 3:29-38.
103. B.Fazeli Nasab, M.Yazdi Samadi, M.R.Naghavi, and M.Mardi, 2011. Evaluation of genetic diversity of some spring and winter wheat cultivars with SSR markers. *Scientific Journal of Agriculture*, 2: 71-79.
104. H.R. Babaei, H. Zeinali, A.R. Talei, M.Mardi, 2011. QTL mapping of morphological traits in soybean (*Glycine max* L.). *Iranian J. Field Crop Research* (In press).

- 105.** Farokhzad, Z. Zamani, M. fanthi moghadam, A. Talaie, M. Mardi, 2011. Parentage Analysis in the Progeny of Two Apple Cultivars Using Microsatellite Molecular Markers. *Iranian Journal of Horticultural Science*. 12(2): 149-164.
- 106.** Y. Vafaei, F. Dashti, **M. Mardi**, A. Ershadi, 2010. A Detection of Genetic Diversity Among Iranian Garlic Clones (*Allium sativum* L.) Clones Via Morphological Characters and AFLP Markers, *Iranian Journal of Horticultural Science*, 1: 13-22.
- 107.** V. Narjesi, I. Majidi, A.A. Zali, M.Mardi, M.R. Naghavi, 2010. Effect of salinity stress on grain yield and plant characteristics in bread wheat recombinant inbred lines. *Iranian J. Field Crop Research*, 3: 291-302.
- 108.** R.G. Mirfakhraei, **M. Mardi**, A.R. Talei, S. Mahfouzi. 2010. Identification of quantitative trait loci associated with low-temperature tolerance in winter wheat (*Triticum aestivum* L.). *Iranian J. Field Crop Research*, 1: 105-112.
- 109.** M.A. Omidbakhsh, M.R. Naghavi, **M. Mardi**, M.R. Bihamta, M.B. Kazemi Alamooti, S.M. Pirseyedi, 2010. Genetic diversity in durum wheat (*Triticum durum* L.) using microsatellite markers. *Iranian J. Field Crop Research*, 2: 75-83.
- 110.** S. Hosseini, **M. Mardi***, M.R. Ghaffari, Y. Nami, L. Karimi Farsad, S.M. Pirseyedi, S. Abdemishani, A.A. Shanejate Boushehri, 2010. Development of molecular markers based on ESTs linked to Fusarium head blight resistance in wheat. *Iranian J. Field Crop Research*, 2: 187-196.
- 111.** Rezaeizad, V. Mohammadi, A. Zali, H. Zeinali, **M. Mardi**, 2010. Mapping QTLs for some Agronomic Traits in rapeseed (*Brassica napus*). *Iranian J. Field Crop Research*, 4: 133-142.
- 112.** M. Zabet, M.R. Bihamta, A.R. Talei, **M. Mardi**, H. Zainali, K. Bagher, 2009. Genetic analysis for resistance to *Eurygaster integriceps* in wheat using Diallel method. *J. Agric. Sci. & Technology Isfahan*, 46: 93-107.
- 113.** R. Zolfaghari, M. Akbarinia, **M. Mardi**, F. Ghanati, 2009. Genetic diversity in Persian oak (*Quercus branti* Lindl) from Kohkiluye and Boyerahmad using SSR. *Iranian Journal of Rangelands and Forests Plant Breeding and Genetic Research*, 16: 172-181.
- 114.** Ramazani, R. Hadad, **M. Mardi**, 2008. Genetic diversity of Iranian grape genotypes using SSR markers. *Genetic Novin*, 4: 31-38.
- 115.** S. Rashidi Monfared, M.R. Naghavi, A.H. Hosseinzadeh, **M. Mardi**, 2007. Evaluation of genetic variation in durum wheat landraces and cultivars using protein markers. *Biology Journal*, 21: 393-399.
- 116.** S. Rashidi Monfared, A.H. Hosseinzadeh, **M. Mardi***, M.R. Naghavi, S.M. Pirseyedi, 2007. Evaluation of diversity in durum wheat using SSAP (Sequence-Specific Amplification Polymorphism) markers. *J. Agric. Sci. & Technology Isfahan*, 45: 147-155.
- 117.** A.H. Ahkami, M.R. Naghavi, **M. Mardi***, A.H. Hossainzadeh, S.M. Pirseyedi, P. Potki, M.B. Kazemi Alamooti, H. PourIrandoost, M.A. Omidbakhsh, 2007. Genetic Relationship in Durum Wheat (*Triticum durum*) Using AFLP Markers. *Iranian J. Field Crop Research*, 38: 25-35.
- 118.** L. Pazouki, **M. Mardi***, B. Ghareyazie, M. Mazaheri, S.A. Mohammadi, M.B. Kazemi Alamooti, 2006. Identification of microsatellite markers linked to Fusarium head blight resistance genes in wheat. *Iranian J. Field Crop Research*, 37(1): 445-451.
- 119.** **M.*Mardi**, B. Ghareyazie, M.R. Ghaffari, S.A. Mohammadi, H. Buerstmayr, M. Lemmens, M.R. Ghanadha, B. Yazdi Samadi, 2006. Estimation of the genetic components of Fusarium head blight resistance in wheat (*Triticum aestivum* L.). *Iranian J. Field Crop Research*, 37(1): 463-471.

120. Fazelinasab, M.R. Naghavi, **M. Mardi**, B. Yazdi Samadi, M.B. Kazemi Alamuti, 2006. Evaluation of genetic diversity in some bread wheat cultivars using SSR markers. *Iranian J. Field Crop Research*, 37:93-99.
121. E. Karami, M.R. Ghanadha, M.R. Naghavi, **M. Mardi**, 2006. Genetic variation of drought resistance in barley. *Iranian J. Field Crop Research*, 37(2):371-379.
122. F. Ehya, M.R. Ghaffari, **M. Mardi***, S. Zaheri, and B. Ghareyazie, 2006. Development of PCR based marker for candidate Fusarium head blight resistance gene (PDR5) in wheat. *Iranian J. Crop Science* 6(4): 395-401.
123. E. Karami, M.R. Ghanadha, M.R. Naghavi, and **M. Mardi**, 2005. Evaluation of drought resistance in barley. *Iranian J. Field Crop Research*, 34(3): 547-560.
124. S.M. Pirseyedi, D. Sadeghzadeh, H. Pour Irandoost, M.*Mardi, S.A. Mohammadi, and B. Ghareyazie, 2005. Genetic Diversity of 'Sardary' wheat lines using microsatellite markers. *Iranian J. Crop Science*, 7(3):268-277.
125. Bernusi, M.R. Ghanadha, M. Omid, B. Yazdi Samadi, A. Hosseinzadeh, **M. Mardi**, 2004. Inheritance of resistance to Fusarium within a spike of wheat. *Iranian J. Pajouhesh-va- Sazandegi*, 63: 57-62.
126. **M.*Mardi**, A.R. Talei, and M. Omid, 2003. Study of genetic diversity and identification of yield components in Desi Chickpea. *Iranian J. Field Crop Research*, 34: 345-351.

SYMPOSIUM (International)

127. M. Esfahanian, F. Ehya, M. Salehi, M. Khosroshahli, Gh. hoseini salekdeh, M. Mardi, 2012. Comparisons between some auxin responsive miRNAs in three different citrus spp. infected with Candidatus *Phytoplasma aurantifolia*. *International Conference on Advances in Plant Sciences (ICAPS 2012)*, November 14-18, 2012 Chiang Mai, Thailand.
128. Asadi.Abkenar, A.A. Sharafi, M. Mardi, 2012. Genetic diversity of acid lime accessions in south of Iran revealed by SSR markers, March 25-29 Nelson New Zealand, Biotech Froot
129. Asadi.Abkenar, M. Mardi, 2012. Reaction Assessment of Some Mono-Embryonic Acid Citrus Genotypes To Witches Broom Disease of Lime (WBDL), 2012, Crops natural enemies of pests Engineering Research Center, June 18-20 Fuzhou city, PR. China
130. **M. Mardi**, A.A. Zeinanloo, P.Potki, S.M.Khayam Nekoui, S.H.Jamali, A.R. Kavand, S.Khoshkam, A.A. Loni, 2011. Application of microsatellite markers for identification and registration of olive cultivars. 4th International Conference for olive Tree and olive products, OLIVEB10TEQ 2011
131. GH. Hossenine salekdeh, **M. Mardi**, F.Ehya, L.Karimi farsad, F.Taheri, M.Mirzaei, A.Monavar Feshani, V.Hajhoseini, M.Khayam Nekouei, Paul A.Haynes, M.Ghayeb Zamharir, 2011. System biology analysis of Mexican lime trees interactions with "Candodatus P. aurantifolia". The 6th international conference on genomics , ICG 2011, November 12-15, oct east, Shenzhen ,China.
132. **M. Mardi**, S. Mojtaba Khayam Nekouei, Laleh Karimi Farsad, Frooh Ehya, Mahnaz Shabani, Maaedeh Shafiee, Meisam Tabatabaei, Mohammad Reza Safarnejad, Gholamreza Salehi Jouzani, Ghasem Hosseini Salekdeh, 2011. Witches' broom disease of Mexican lime trees: disaster to be addressed before it will be too late. Second IPWG Meeting, Neustadt an der Weinstraße, September 12-16, Germany.
133. M. Shabani, A.M. Sarafrazi, **M. Mardi**, H.Rahimian, M. Salehi, M. Shojaee, 2010. Genetic variation among Iranian populations of leafhopper *Hishimonus phycitis* (Hemiptera: Cicadellidae) vector of witches' broom disease of lime phytoplasma based on mitochondrial DNA sequences. The IXth European Congress of Entomology, August 22-27, Hungray.

134. M. Ghayeb Zamharir, N. Hasan Zadeh, H. Zamanizadeh, A. Alizadeh, A. Heydari, **M. Mardi**, G. Hoseini Salekdeh, 2010. Study on the expression of an arabinogalactan gene like in Mexican lime during infection with *Candidatus* Phytoplasma aurantifolia. OPIN, 5-7 September, The Netherlands.
135. M. Ghayeb Zamharir, N. Hasan Zadeh, H. Zamanizadeh, A. Alizadeh, A. Heydari, **M. Mardi**, G. Hoseini Salekdeh, 2010. Study of Mexican lime genes expression during infection with *Candidatus* Phytoplasma aurantifolia. OPIN, 5-7 September, The Netherlands.
136. P. Mahmoodi, S.M. Khayam Nekoui, **M. Mardi***, S.M. Pirseyedi, M.R. Ghaffari, M. Ramroodi, B.A. Siahsar. 2010. Isolation and characterization of new microsatellite marker in *Taxus baccata* L. 2nd international symposium on Genomics of Plant Genetic Resources, Italy.
137. T. Basaki, **M. Mardi**, M. Jafarkhani Kermani, S.M. Pirseyedi, A. Haghazari, P. Salehi Shanjani, P. Koobaz, 2009. Assessing *Rosa persica* genetic diversity using amplified fragment length polymorphisms analysis 23rd EUCARPIA SYMPOSIUM - Section Ornamentals "Colourful Breeding and Genetics". August 31 - September 4, The Netherlands.
138. Jowkar, **M. Mardi**, M. Jafarkhani Kermani, M. Kafi, S.M. Pirseyedi, M.R. Ghaffari, R. Naderi, 2009. Isolation and characterization of novel polymorphic microsatellite loci in *Rosa pulverulenta* M.B. V International Symposium on Rose Research and Cultivation, 24-29 May, Japan.
139. Z. Nemati, S.M. Khayam Nekoui, **M. Mardi**, S.M. Pirseyedi, M.R. Ghaffari, S. H. Marashi, 2009. Isolation and characterization of novel microsatellite markers and their application for diversity assessment in saffron (*Crocus sativus*). 3rd International Symposium on Saffron, 20-23 May, Greece.
140. Asadi Abkenar, R. Matsumoto, M. Mardi, 2009. Comparative analysis of organelle DNAs in citrus to clarify the origin of Yuzu and its relationship with other acid citrus. Second international citrus biotechnology symposium, Italy.
141. L. Pazouki, **M. Mardi**, P. Salehi Shanjani, M. Hagidimitriou, S.M. Pirseyedi, M.R. Naghavi, D. Avanzato, R. Quarta, S. Kafkas, B. Ghareyazie, 2009. Genetic diversity and relationships among Pistacia species and cultivars. V International on Pistachio & Almond, Turkey.
142. P. Salehi Shanjani, **M. Mardi**, L. Pazouki, M. Hagidimitriou, S. M. Pirseyedi, 2009. Molecular variation between and within cultivated and wild Pistacia species using AFLPs. V International on Pistachio & Almond, Turkey.
143. S. Kadkhodaei, M. Elahy, M. Khayyam Nekouei, A. Imani, M. Ebrahimi and **M. Mardi**, 2009. V International on Pistachio & Almond. V International on Pistachio & Almond, Turkey
144. Fathi, B. Ghareyazi, A. Haghazari, M.R. Ghaffari, S.M. Pirseyedi, S. Kadkhodaei, M.R. Naghavi, **M. Mardi**, 2009. Assessment of the genetic diversity of almond (*Prunus dulcis*) using microsatellite markers and morphological traits. V International on Pistachio & Almond, Turkey.
145. R. Talebi, F. Fayaz, N.A. Babaeian, **M. Mardi**, S.M. Pirseyedi, A.M. Naji, 2008. Genetic relationships among chickpea elite lines based on RAPD and agronomic markers. International symposium on biotechnology, 4-8 May, Tunisia.
146. R. Talebi, N. A. Babaeian Jelodar, M. R. Ghaffari, M.B. Kazemi Alamuti, S. M. Pirseyedi, R. Mehrabi, M. Razavi, G. Kema, **M. Mardi**, 2008. QTL analysis of *Septoria tritici* blotch resistance in wheat. 7th International Mycosphaerella and Stagonospora Symposium. Monte Verità Conference Centre, Ascona, Switzerland.

147. Asadi Abkenar, M. Yamamoto, Y. Katayama, R. Matsumoto, **M. Mardi**, 2008. Chloroplast DNA analysis in mandarins (*Citrus* spp.) and their close relatives using Cleaved Amplified Polymorphic Sequence (CAPS) method. The 11th International Citrus Congress (ICC2008), 26-30, China.
148. A.R. Eivazi, M. R. Naghavi, M. Hajheidari, S.M. Pirseyedi, M.R. Ghaffari, S. A. Mohammadi, I. Majidi Haravan, S.Gh. Hosseinei Salekdeh and **M. Mardi**, 2008. Comparative genetic diversity based on quality traits, AFLP, SSR and proteome analyses in wheat (*Triticum aestivum* L.). 11th International Wheat Genetics Symposium 24 - 29 August, Australia.
149. S. Rashidi Monfared, A.H. Hosseinzadeh, **M. Mardi**, M.R. Naghavi, S.M. Pirseyedi, 2007. Evaluation of diversity in durum wheat using SSAP markers. The Fourth Moscow International Congress "BIOTECHNOLOGY: State of the Art and Prospects of Development, March 12-16, Russia.
150. M.R. Naghavi, M. Maleki, H. Alizadeh, **M. Mardi**, S.F. Tabatabaei, 2007. Genetic diversity in wild diploid wheat *Triticum boeoticum* from Iran using AFLP markers. Molecular Plant Breeding, 5: 263-265. Proceeding of the 2nd International Conference on Plant Molecular Breeding, March 23-27, China.
151. A.M. Naji, M.R. Ghaffari, S.M. Pirseyedi, Y. Nami, M. Moghaddam, S.A. Mohammadi, B. Ghareyazie, **M. Mardi**, 2007. Mapping of wheat ESTs linked to Fusarium head blight resistance in wheat. The 2nd International Conference on Plant Molecular Breeding, March 23-27, China.
152. S. Rashidi Monfared, M.R. Naghavi, **M. Mardi**, A.H. Hosseinzadeh, 2007. High molecular weight glutenin subunit composition of landraces and cultivars of durum wheat (*Triticum turgidum*). The 2nd International Conference on Plant Molecular Breeding, March 23-27, China.
153. M. Mazaheri, M.R. Ghaffari, S.M. Pirseyedi, M.R. Naghavi, S. Abdemishani, B. Ghareyazie, **M. Mardi**, 2006. Identification of resistance gene analogs markers linked to FHB resistance in wheat. 9th European Fusarium Seminar (EFS9), 19-22 September, Wageningen, The Netherlands.
154. **M. Mardi**, M.R. Ghaffari, S.M. Pirseyedi, F. Ehya, A. Nami, Y. Naji, M. Mazaheri, B. Ghareyazie, H. Buerstmayr, 2006. Mapping of gene-specific markers linked to Fusarium head blight resistance in wheat. 9th European Fusarium Seminar (EFS9), 19-22 September, Wageningen, The Netherlands.
155. **M. Mardi**, M.R. Ghaffari, G. Adam, H. Buerstmayr, and B. Ghareyazie, 2006. Functional Genomic of Wheat: development of PCR-based molecular markers for candidate Fusarium resistance genes. Annuals Wheat News Letter, 5(2): 69.
156. **M. Mardi**, M.R. Ghaffari, L. Pazouki, F. Ehya, M.B. Kazemi Alamuti, H. Delavar, H. Sorouri, A. Nami, A. Naji, A. Sadeghi, H. Pour Irandoost, S. Zaheri, M. Mazaheri, R. Nolz, B. Steiner, P. Ruckenbauer, M. Lemmens, G. Adam, H. Buerstmayr, B. Ghareyazie, 2005. Molecular breeding to improve Fusarium head blight resistance in Iran. 4th Canadian Workshop on Fusarium Head Blight, 1-3 November, Ottawa, Canada.
157. **M. Mardi**, M.R. Ghaffari, F. Ehya, S. Zaheri, H. Buerstmayr, G. Adam, B. Ghareyazie, 2005. Application of functional genomics in QTL mapping of Fusarium head blight resistance in wheat. International Conference on Plant Genomics and Biotechnology: Challenges and Opportunities, 26-28 October, Raipur, India.
158. M.R. Naghavi, **M. Mardi**, B. Fazelinasab, 2005. Evaluation of genetic diversity in some bread wheat cultivars using SSR markers. XVII International Botanical Congress, 17-23 July, Vienna, Austria.
159. L. Pazouki, **M. Mardi**, S.M. Pirseyedi, A. Javanshah, J. Mozaffari, H. Alipour, S.A. Mohammadi and B. Ghareyazie, 2005. Analysis of Genetic Diversity in Iranian Pistachio Germplasm (*Pistacia* spp) Using Qualitative and Quantitative Characters and DNA Markers. IV international symposium on pistachios and almonds, Tehran, Iran.

- 160. M. Mardi**, B. Ghareyazie, B., Yazdisamadi, M.R. Ghanadha, A.R. Talei, and H. Buerstmayr, 2003. QTL mapping of Fusarium head blight resistance in wheat. 12th meeting of the Eucarpia section of biometrics in plant breeding, A Coruna, Spain.
- 161.** L. Pazouki, M. Mardi, H. Mazaheri Laghab, A. Mohammadi, and B. Gharehyazie, 2003. Identification of microsatellite markers (SSR) linked to scab resistance genes in wheat. 5th International Symposium in the Series Recent advances in plant biotechnology, Stara Lesna, Slovak Republic.
- 162. M. Mardi**, B. Yazdisamadi, M.R. Ghanadha, B. Ghareyazie, A.R. Talei, and H. Buerstmayr, 2002. Genetic analysis of inbred lines and their cross for Fusarium head blight resistance in common wheat. 7th European Seminar on FUSARIUM–MYCOTOXINS, TAXONOMY and PATHOGENICITY, Poznan, Poland.
- 163.** H. Buerstmayre, B. Steiner, **M. Mardi**, 2002. Molecular breeding for FHB resistance in wheat. Annual Wheat Newsletter, 48:32.

SYMPOSIUM (National)

- 164.** L. Khodaei, **M. Mardi**, A. Taleei, M.R. Naghavi, 2013. Differential expression of genes during *Mycosphaerella graminicola*- wheat interaction. The second international conference on agriculture and natural resource, December 25-26, Razi University, Kermanshah, Iran.
- 165.** M. Zeynolabedini, S.M. Banihashemian, M. Zangane, **M. Mardi**, S. Zamanpour, 2013. 8th National Biotechnology Congress of I.R Iran and 4th National Biosafety Congress of Iran, 6-8 July, Tehran, Iran.
- 166.** Z. Nemati, **M. Mardi**, P. Majidian, A. Eftekharian Jahromi, S. M. Khayam Nekoui, 2013. Isolation and characterization of the polymorphic microsatellite markers in saffron (*Crocus Sativus*). 8th National Biotechnology Congress of I.R Iran and 4th National Biosafety Congress of Iran, 6-8 July, Tehran, Iran.
- 167.** Z. Nemati, P. Majidian, M. Zeynolabedini, A. Eftekharian Jahromi, **M. Mardi**, 2013. Comparison of genetics variation among saffron (*Crocus sativus L.*) and Some different allies using microsatellite markers. 8th National Biotechnology Congress of I.R Iran and 4th National Biosafety Congress of Iran, 6-8 July, Tehran, Iran.
- 168.** M.Farsi, M. Zeynolabedini, A. Imani, kh. Mostafavi, **M. Mardi**, 2013. Application of new Clustering methods on Population Genetic diversity Studies: Case Study, Almond. 8th National Biotechnology Congress of I.R Iran and 4th National Biosafety Congress of Iran, 6-8 July, Tehran, Iran.
- 169.** S. Soheilvand, A. Mousavi, M.R. Safarnejad, M. Tohidfar, **M. Mardi**, N. Farrokhi, S.M. Alavi, M. Shahmirzaie, 2013. Study on the effects of GA3 and BAP hormones on micropropagation and proliferation of Lime (*Citrus aurantifolia*) shoots. 8th National Biotechnology Congress of I.R Iran and 4th National Biosafety Congress of Iran, 6-8 July, Tehran, Iran.
- 170.** S. Soheilvand, M.R. Safarnejad, A. Mousavi, **M. Mardi**, N. Farrokhi, S.M. Alavi, M. Tohidfar, M. Shahmirzaie, 2013. Construction of inducible resistant construct to Candidatus “*phytoplasma aurantifolia*” and its transformation in to Tobacco as model plant. 8th National Biotechnology Congress of I.R Iran and 4th National Biosafety Congress of Iran, 6-8 July, Tehran, Iran.
- 171.** M. Ghayeb zamharir, Gh. Hoseini Salekdeh, M. Mardi, 2012. Down regulation of modifier of snc1 (Mos1) in acid lime infected disease by Candidatus Phytoplasma aurantifolia, 12th Congress of Genetics 1-3 June 1391. Tehran- Shahid Beheshti University.
- 172.** P. Majidian, M. Zeinolabedini, J. Dezhangpour, **M. Mardi**, 2012. Application of SSR fluorescent markers for evaluation of genetic potential of apricot germplasm. 12th Congress of Genetics 1-3 June 1391. Tehran- Shahid Beheshti University.

173. M. Zeinolabedini, M. Kazemi Alamuti, M. Mardi, M. Zahravi, M. Vazifehshenas, S.M. Khayam Nekouei, B. Nakhoda, 2012. New methods to determine genetic structure of germplasm collection and nature population using molecular markers. 12th Congress of Genetics 1-3 June 1391. Tehran- Shahid Beheshti University.
174. S. Ghorbani Shahkochaki, Gh. Mohamadinejad, A. Baghizadeh, M. Mardi, B. Nakhoda 2012, Genetically study of different traits in recombinant inbred lines from a cross between Roshan and Superhed wheat varieties under drought stress. 12th Congress of Genetics 1-3 June 1391. Tehran- Shahid Beheshti University.
175. P. Mahmoodi, S.M. Khayam Nekoui, **M. Mardi**, 2012. Study of Genetic Diversity of *Taxus baccata* L. By morphological traits. 12th Congress of Genetics 1-3 June 1391. Tehran- Shahid Beheshti University.
176. M. Esfahanian, f. Ehya, **M. Mardi**, Gh. hoseini salekdeh, M. Salehi, M. Khosroshahli, 2012. Evaluation of miR167 for epigenetic analysis of citrus cultivar versus *Candidatus Phytoplasma aurantifolia*. 12th Congress of Genetics 1-3 June 1391. Tehran- Shahid Beheshti University.
177. S. Soheilvand, A. Mousavi, M. R. Safarnegad, M. Tohidfar, **M. Mardi**, S. M. Alavi, M. Shahmirzaie. 2012. Introduce a simple and rapid method for micropropagation of Lime (*Citrus aurantifolia*) by means of tissue culture technique. The 17th National & 5th International Iranian Biology Conference
178. S. Soheilvand, M. R. Safanejad, A. Mousavi, M. Mardi, N. Farrokhi, S. M. Alavi, M. Tohidfar and M. Shahmirzaie, 2012. Study on clusters of nucleic acid and amino acid sequences which are similar to IMP of WBDL. The 17th National & 5th International Iranian Biology Conference
179. M. Sharifi-tehrani, h. saeidi, M. Mardi, 2012. Phenetic analysis of *Festuca-Lotium* Complex in Iran using quantitative morphological data. The 17th National & 5th International Conference of Biology of Iran. Iranian biology conference.
180. Asadi. Abkenar, **M. Mardi**, M. Salehi. Abarghoie, M. Shafiei, 2012. Development of Mexican lime resistant to witches' broom. The 3rd National Conference Of Agriculture and Food Sciences, dec 06-Fasa-Shiraz.
181. M. Farsi, M. Zeinolabedini, Kh. Mostafavie, **M. Mardi**, 2012. Genetic evaluation of some Iranian almond genotypes by uses of AFLP markers. 3rd Iranian Agricultural Biotechnology Congress 3-5 september, 2012 Ferdowsi University In Mashhad.
182. S. Sohrabi, M. Zeinolabedini, **M. Mardi**, A. Imani, 2011. Genetic characterization of some commercial almond cultivars using microsatellite markers. 2th National almond symposium: focus on export, 9-10 Oct, Shahrekord.
183. M. Farsi, M. Zeinolabedini, A. Imani, P. Majidian, **M. Mardi**, 2011. Evaluation of some almond genotypes and promising hybrids using molecular markers. 2th National almond symposium: focus on export, 9-10 Oct shahrekord.
184. Tavasolee, N. Aliasgharzad, Gh. R. Salehi, A. Asgharzadeh, **M. Mardi**, 2011. Effect of *Mesorhizobium ciceristrains* in the establishment of arbuscular mycorrhizal fungi on chickpea roots and nodules determined by molecular methods. 12th Iranian Congress on Soil Sciences, University of Tabriz.
185. Tavasolee, N. Aliasgharzad, Gh. R. Salehi, A. Asgharzadeh, **M. Mardi**, 2011. Does chickpea simultaneous inoculation with *Rhizobium* bacteria and mycorrhizal fungi can affect *Rhizobium* nodulation and mycorrhizal colonization in the roots? 12th Iranian Congress on Soil Sciences, University of Tabriz.

- 186.** Tavasolee, N. Aliasgharzad, Gh. R. Salehi, **M. Mardi**, A. Asgharzadeh, 2011. Two species of arbuscular mycorrhizal fungi determined in pea roots and nodules by using molecular methods. 12th Iranian Congress on Soil Sciences, University of Tabriz.
- 187.** Tavasolee, N. Aliasgharzad, Gh. R. Salehi, **M. Mardi**, A. Asgharzadeh, 2011. Study effect of different *Mesorhizobium ciceristrains* on chickpea roots colonization by mycorrhizal fungi. The 4th Regional Congress on Advances in Agricultural Research (West of Iran) , Sanandaj, Iran. University of Kurdistan.
- 188.** M.B. Kazemi Alamuti, M. Zeinolabedini, S. M. Mousavi, **M. Mardi**, A. Abbasi Sahebi, T. Roodbar Shojai, S. M. Khayam Nekouei, 2011. Application of microsatellite markers in management of pomegranate germplasm. National Pomegranate Symposium, 5-6 Oct, Ferdows.
- 189.** T. Basaki, R. Choukan, S. M. Khayam Nekouei, **M. Mardi**, M. Zeinolabedini, 2011. Association analysis for morphological traits in pomegranate using microsatellite markers. National Pomegranate Symposium, 5-6 Oct, Ferdows.
- 190.** S.M Mousavi Derazmahalleh¹, **M. Mardi**, M. Zeinalabedini¹, S.H. Marashi, S. Malek zadeh, M. Kazemi Alamouti¹, T. Rodbar shojaee¹, Sh. Kolahi Zenoozi¹, P. Majidian, 2011. DNA fingerprinting of Iranian Pomegranate (*Punica granatum* L.) using SSR and AFLP markers. The 7th national Congress on Biotechnology, 12-14 September, Theran-Iran.
- 191.** V. Narjesi*, I. Majidi Hervan, **M. Mardi**, B. Jedari Kohy, 2011. Quantitative trait loci analysis of morphological and physiological traits of ear in control and salt affected environments of bread wheat. The 7th national Congress on Biotechnology, 12-14 September, Theran-Iran.
- 192.** V. Narjesi, I. Majidi Hervan, **M. Mardi**, 2011. Mapping QTLs of salt tolerance in seedling stage from the cross Attila/Kauz × Karchia RIL population of wheat. The 7th national Congress on Biotechnology, 12-14 September, Theran-Iran.
- 193.** M. habibi, N. mirakhorli, B. shiran, **M. Mardi**, 2011. Thaumatin like protein Gene Expression Pattern for Septoria tritici Blotch Resistance in wheat. The 7th national Congress on Biotechnology, 12-14 September, Theran-Iran.
- 194.** Sh. Kolahi Zonoozi, **M. Mardi** , S. M. Pirseyedi, M. Farsi, M. Zeinalabedini, M.d A.Ebrahimi, S. M. Khayam Nekoui, S. M. Mousavi, Derazmahalleh, 2011. Isolation of Microsatellite Markers to study genetic diversity of Pistachio. The 7th national Congress on Biotechnology, 12-14 September, Theran-Iran.
- 195.** S. A. Mirbabaee, **M. Mardi**, P. Mahmoodi, S. M. Pirseyedi, A. Abbasi, M. Farsi, H. Soleimani, G. BakhshIkhani, S. Mohajeri Naraghi and S. M. Khayam Nekoue, 2011. Development of new microsatellite markers from an enriched genomic library of date palm (*Phoenix dactylifera* L.). The 7th national Congress on biotechnology, 12-14 September, Theran-Iran.
- 196.** F. Rad, A. Mohsenifar, M. Tabatabaei, M. Safarnejad, F.Sahryari, A. Foroutan, **M. Mardi**, D. Davodi, M.h. Fotokian, 2011. A novel quantum dots FRET-Based biosensor for the detection of Candidatus *Phytoplasma aurantifolia*; the causative agent of witches' broom disease of lime. The 7th national Congress on biotechnology, 12-14 September, Theran-Iran
- 197.** P. Majidian, M. Zeinolabedini, J. Dezhampour, M. Dabbab, M. Farsi, **M. Mardi**, S.M. Mousavi, 2001. Study of genetic diversity and eco-geographic groups in some apricot cultivars and geotypes using AFLP markers. The 7th national Congress on Biotechnology, 12-14 September, Theran-Iran.
- 198.** M. Dabbab, M. Zeinolabedini, J. Dezhampour, P. Majidian, M. Farsi, **M. Mardi**, 2011. Evaluation of some apricot genotypes and promising hybrids using molecular markers. The 7th national Congress on Biotechnology, 12-14 September, Theran-Iran.

- 199.** Abbasi Sahebi, M. Zeinolabedini, **M. Mardi**, M.B. Kazemi Alamuti, P. Majidian, 2011. Study of genetic diversity of Iranian sub acid pomegranate using SSR markers. The 7th national Congress on Biotechnology, 12-14 September, Theran-Iran.
- 200.** M. Farsi, M. Zeinolabedini, A. Imani, P. Majidian, M. Dabbab, **M. Mardi**, M. Khodarahmi, 2011. Genetic structure study of some Iranian almond genotypes using fluorescent-AFLP markers. The 7th national Congress on Biotechnology, 12-14 September, Theran-Iran.
- 201.** F. Ehya, **M. Mardi**, Gh. Hosseini, 2011. Comparative analysis of auxine responsive miRNAs in lime infected with Witches broom disease of lime pathogen. The 7th national Congress on Biotechnology, 12-14 September, Theran-Iran.
- 202.** S. Sardooie-Nasab, G. Mohammadi-Nejad, A. Zebarjadi, B. Nakhoda, **M. Mardi**, M.T. Tabatabaie, G. Sharifi, A. Amini, E. Majidi, 2011. Evaluation of genetic diversity in wheat promising lines using SSR markers. The 7th national Congress on Biotechnology, 12-14 September, Theran-Iran.
- 203.** S. Sardooie-Nasab, G. Mohammadi-Nejad, A. Zebarjadi, B. Nakhoda, **M. Mardi**, M.T. Tabatabaie, G. Sharifi, A. Amini, E. Majidi, 2011. Study the allelic variation of QTLs responsible for salinity tolerance in bread wheat. The 7th national Congress on Biotechnology, 12-14 September, Theran-Iran.
- 204.** M.B. Kazemi Alamuti, M.A. Ebrahimi, M. Zeynalabedini, **M. Mardi**, 2011. Application of microsatellite markers in studies of genetic diversity of Iranian sour Pomegranate (*Punica granatum L.*). 7th Iranian Congress of Horticultural Science, 5-8 September, Isfahan industrial university.
- 205.** A.R. Farokhzad, Z.A. Zamani, M.R. Fatahi Moghadam, **M. Mardi**, A. Talaei, A. Gharghani, 2011. Performance review and positioning of some specific markers in apple Lynkazy groups of the population cross and rose varieties Rdaspar Khnz, 7th Iranian Congress of Horticultural Science, 5-8 September, Isfahan industrial university.
- 206.** M. Kermani, H. Sabri, A. Jowkar, **M. Mardi**, M. Kafi, R. Fatahi, 2010. Estimation of nuclear genome sizes of Iranian rose species using karyotyping and flow cytometry analysis. The 11th National Genetic Congress of Iran, 22-24 May, Tehran-Iran.
- 207.** P. Mahmoodi, S.M. Khayam Nekouei, **M. Mardi**, S.M. Pirseyedi, M.R. Ghaffari, M. Ramroodi, B.A. Siahshar, 2010. Identification and development of new microsatellite marker in *Taxus baccata L.* The 11th National Genetic Congress of Iran, 22-24 May, Tehran-Iran.
- 208.** Ebrahimi, M.R. Naghavi, M. Sabokdast, **M. Mardi**, 2010. Comparative genetic diversity analysis between *Hordium vulgare* and *H. spontaneum* using microsatellite markers. The 11th National Genetic Congress of Iran, 22-24 May, Tehran-Iran.
- 209.** M. Ghayeb Zamharir, N. Hasanzadeh, H. R. Zamanizadeh, A. Alizadeh, **M. Mardi**, G. Hosseini Salekdeh, 2010. The effect of Atg5 protein to Mexican lime infected with *Candidatus Phytoplasma aurantifolia*. The 19th National Plant Protection of Iran, Tehran-Iran.
- 210.** M. Ghayeb Zamharir, N. Hasanzadeh, H. R. Zamanizadeh, A. Alizadeh, **M. Mardi**, G. Hosseini Salekdeh, 2010. Study of host-pathogen interaction in Mexican lime infected with *Candidatus Phytoplasma aurantifolia*. The 19th National Plant Protection of Iran, Tehran-Iran.
- 211.** Asadi Abkenar, **M. Mardi**, M. Salehi, Y. Ebrahimi, 2010. Evaluation of monoembryonic citrus cultivars tolerance to witches broom disease of lime (WBDL). The 19th National Plant Protection of Iran, Tehran-Iran.

212. Foroutan, H. Rahimian, S.K. Kazemitabar **M. Mardi**, S.M. Alavi, 2009. Interaction between Citrus tristeza virus and phytoplasma associated with witches' broom disease of lime. The 6th National Biotechnology Congress of Iran, 13-15 Aug, Milad Tower Conference Hall, Tehran-Iran.
213. Fazelienasab, M.R. Naghavi, B. Yazdisamadi, **M. Mardi**, 2009. The use of Microsatellite markers for genetic diversity of spring and winter breed wheat cultivars. The 6th National Biotechnology Congress of Iran, 13-15 Aug, Milad Tower Conference Hall, Tehran-Iran.
214. M. Alikhani, S.M. Alavi, H. Askari, E. Majidi, **M. Mardi**, 2009. Employment of a proteomic approach to uncover some aspect to phytoplasma-lime interactions. The 2th Proteomics congress of Iran, Tehran-Iran.
215. **M. Mardi**, S.M. Pirseyed, M.R. Ghaffari, M.B. Kazemi Alamuti, L. Karimi Farsad, M. Farsi, S. Valizadegan, P. Mahmoodi, I. Tabatabaie, S. Kadkhodai, B. Jedari, H. Pour Irandoost, M. Shahryari, A. Omrani, 2008. DNA fingerprinting of plants. Key lecture, 10 th congress Iranian genetic society, 21-23 May, Tehran, Iran.
216. S. Mahfoofi, S.Gh. Hosseini Salekdeh, **M. Mardi**, and G. Karimzadeh, 2008. Freezing Resistance from the Lab to the Field in Wheat: Wheat Should We Breed for?. The 10th Iranian Congress of Crop Sciences 18-20 Aug. Karaj, Iran.
217. S. Komijani, M. Razavi, H. Aminian, H.R. Etebarian and **M. Mardi**, 2008. Study on the phylogenetic relationship of *Mycosphaerella graminicola* Isolates cause of septoria leaf blotch of wheat in Iran using rep-PCR. The 18th Iranian plant protection congress. 24-27 Aug., Hamedan-Iran.
218. M. Ranjbar, M.R. Naghvi, A.A. Zali, M.J. Aghaie, S.M. Pirseyedi, **M. Mardi**, 2008. Identification of informative SSR markers in *Aegilops crassa* accessions from Iran. 10 th congress Iranian genetic society, 21-23 May, Tehran, Iran.
219. M. Sharifi, **M. Mardi**, H.A. Saeidi, B. Ghareyazie, M. Asadi, 2008. Transferability of genomic-and EST-SSR molecular markers from *Festuca arundinacea* Scherb. To *Lolium persicum* Bioss. & Hohen. Ex Bioss. Poaceae. sharifi-genetic congress. 10 th congress Iranian genetic society, 21-23 May, Tehran, Iran.
220. A.R. Eivazi, M. R. Naghavi, M. Hajheidari, S.M. Pirseyedi, M.R. Ghaffari, S. A. Mohammadi, I. Majidi Haravan, S.Gh. Hosseini Salekdeh, and **M. Mardi**, 2007. Comparative genetic diversity based on quality traits, AFLP, SSR and proteome analyses in wheat (*Triticum aestivum* L.). The first Iranian Proteomics Congress, 21 Feb. 2007, Tehran, Iran.
221. S. Kadkhodaei, S.M. Khayam Nekouei, **M. Mardi**, A. Imani, M. Ebrahimi1, M. Mofid1, 2007. Genetic identification of Iranian almond genotypes using molecular markers. The 5th National Biotechnology Congress of Iran, 24-26 Nov., Tehran, Iran.
222. T. Basaki, A. HaghNazari, M. Jafarkhani Kermani, S.M. Pirseyedi, **M. Mardi**, 2007. Genetic variation in Rose using AFLP markers. The 5th National Biotechnology Congress of Iran, 24-26 Nov., Tehran, Iran.
223. Ramezani, M. Dorostkar, R. Hadadi, **M. Mardi**, M.R. Naghavi, 2007. Identification informative markers for fruit traits in grapevine. The 5th National Biotechnology Congress of Iran, 24-26 Nov., Tehran, Iran.
224. M. Ghasemi, H. Askari, **M. Mardi**, I. Majidi Harvan, 2007. Seed lignin may not be a biomarker for FHB resistance. The 5th National Biotechnology Congress of Iran, 24-26 Nov., Tehran, Iran.
225. M. Ranjbar, M. R. Naghavi, A.A. Zali, M. J. Aghaie, **M. Mardi**, 2007. Genetic diversity of *Aegilops crassa* accessions using microsatellitemarkers. The 5th National Biotechnology Congress of Iran, 24-26 Nov., Tehran, Iran.

- 226.** N.S. Alavi, **M. Mardi**, M. Tourchi, S.A. Mohammadi, S.M. Pirseyedi, M.B. Kazemi, 2007. Genetic relationship in durum wheat (*Triticum durum*) using EST-SSR markers. The 5th National Biotechnology Congress of Iran, 24-26 Nov., Tehran, Iran.
- 227.** S. Kadkhodaei, S.M. Khayam Nekouei, **M. Mardi**, 2007. ABRIISTAT: molecular data analysis software for genetic diversity studies. The 5th National Biotechnology Congress of Iran, 24-26 Nov., Tehran, Iran.
- 228.** S. Kadkhodaei, S.M. Khayam Nekouei, **M. Mardi**, 2007. Development of a molecular identification key for the most important Iranian almondcultivars using DNA fingerprinting methods. The 5th National Biotechnology Congress of Iran, 24-26 Nov., Tehran, Iran.
- 229.** S. Rashidi, M.R. Naghavi, **M. Mardi**, 2007. Marker trait association in durum wheat using SSR, AFLP, SSAP and EST-SSR markers. The 5th National Biotechnology Congress of Iran, 24-26 Nov., Tehran, Iran.
- 230.** **M. Mardi**, M.R. Ghaffari, F. Ehya, Y. Nami, A.M. Naji, M. Mazaheri, S.M. Pirseyedi, B. Ghareyazie, 2006. Application of wheat genomic functional markers in QTL analysis. Key lecture. The 9th Iranian crop science congress, 27-29 Aug., Tehran, Iran.
- 231.** Sadeghi, M.B.Kazemi Alamuti, M.R. Ghaffari, M. Mardi, B. Ghareyazie, 2006. Investigation of PDR5 Gene Expression in Response to DON Between Resistant and Susceptible Varieties to Fusarium Head Blight in Wheat. Proceedings of the 9th Iranian Genetics Congress. Tehran- Iran, May 20-22, 2006, P23.
- 232.** M. Maleki, M.R. Naghavi, H. Alizadeh, **M. Mardi**, M. Fakhri Tabatabaie, M. Mahmoodi, 2006. RAPD Polymorphism In Wild Populations Of Triticum Boeoticum Orgineted From IRAN . 9th Genetic Congress May 20-22, 2006, P81.
- 233.** Raissi, **M. Mardi**, V. Rashidi, A. Razban Haghghi, A. Tarinejad, 2006. Apreliminary study on Genetic Diversity Among Grasspea Genotypes Using RAPD Markers. 9th Genetic Congress May 20-22, 2006, P499.
- 234.** Fathi, B. Ghareyazie, A. Haghazari, **M. Mardi**, M.R. Ghaffari, S. Kadkhodaei, 2005. Genetic Diversity in Almond (*Prunus dulcis*) using Morphological and Microsatellite Markers. The 4th national biotechnology congress of I.R. Iran, Kerman, Iran.
- 235.** N. Poorsarebani S.M. Pirseyedi, **M. Mardi**, R. Chogan, N.A. Babaeian, S.A. Mohammadi, B. Ghareyazie, 2005. Heterotic Groups Determination in Maize Inbred Lines using Morphological and Molecular Markers. The 4th national biotechnology congress of I.R. Iran, Kerman, Iran.
- 236.** **M. Mardi**, M.R. Ghaffari, B. Ghareyazie, S.A. Mohammadi, and S.M. Pirseyedi, 2004. Application of DNA markers in breeding for resistance to wheat diseases. Key lecture. 8th Iranian congress of crop production and plant breeding, Rasht, Iran.
- 237.** L. Pazouki, **M. Mardi**, B. Ghareyazie, H. Mazaheri, S.A. Mohammadi, and M.B. Kazemi, 2004. Identification of microsatellite markers linked to Fusarium head blight resistance genes in wheat. 8th Iranian congress of crop production and plant breeding, Rasht, Iran.
- 238.** F. Ehya, M.R. Ghaffari, M. Mardi, S. Zaheri, and B. Ghareyazie, 2004. Development of PCR based marker for candidate Fusarium head blight resistance gene (PDR5) in wheat. 8th Iranian congress of crop production and plant breeding, Rasht, Iran.
- 239.** S.M. Pirseyedi, D. Sadeghzadeh, H. Pourirandoost, **M. Mardi**, and B. Ghareyazie, 2004. Genetic Diversity of 'Sardary' wheat lines using microsatellite markers. 8th Iranian congress of crop production and plant breeding, Rasht, Iran.

240. M. Mardi, A.R. Talei, and M. Omid, 1998. Study of genetic diversity and identification of yield components in Desi Chickpea. 5th Iranian congress of crop production and plant breeding, Karaj, Iran.

BOOKS

241. M. Mardi, S.M. Khayam Nekouei, E. Majidi, H. Rahimian, K. Izadpanah, M. Shokatfadaee, A. Louni, A. Hasanpour, S. Aghajanzadeh, H. Darabi, Y.Ebrahimi, M. Salehi, S. Khoshkam, R. Osfoori, K. Ahmadi, S. Abdi, 2007. Comprehensive Management Program for Withches' Broom Disease of Lime, Iranian Agricultural Education Press, ISBN:978-964-520-100-2, pp 424.

TEACHING

Workshop on "Application of Genomics and Metagenomics in Microbial Biotechnology". ABRII, Iran,. 23-26 Oct. 2010.

International Workshop on "Marker Assisted Breeding for Disease Resistance in Wheat". ABRII, Iran, 10-12 May 2009.

A Workshop on Application of molecular markers in crops. ABRII, Karaj, December 18-24, 2004

A Workshop on Bioinformatics, ABRII, Karaj, Feb. 1- 6, 2003

A Workshop on Application of molecular markers in crops. ABRII, Karaj, March 1- 6 March, 2003

A Workshop on QTL Mapping, Zabol University, June 4-6, 2003

A Workshop on Bioinformatics, ABRII, Karaj, Dec 8- 12, 2002

WORKSHOP ORGANIZING

International Workshop on "Marker Assisted Breeding for Disease Resistance in Wheat". ABRII, Iran, 10-12 May 2009.

National Workshop on "Application of molecular markers in crops". ABRII, Karaj, March 5-10, 2005

National Workshop on Application of molecular markers in crops. ABRII, Karaj, December 18-24, 2004

National Workshop on Application of molecular markers in crops. ABRII, Karaj, March 1- 6 March, 2003

SUPERVISOR (S) / ADVISOR (A) OF THESIS

1. Isfahanian, M.S. Student, Oloom Tahghight Univ. 2011. S
2. Alireza Farokhzad Nansa, Ph.D. student, Tehran Univ., 2011- A
3. Maaedeh Feyzbakhs, M.S. Student, Mashhad Univ., 2011. A
4. Maaedeh Shafiee, Ph.D. student, Tehran Univ., 2010- S
5. Soudabeh Moradi, Ph.D. student, Tehran Univ.,2010-A
6. Mahnaz Ghaedrahmati, Ph.D. student, Oloom Tahghight Univ., 2010- S
7. Farzad Fayaz, Ph.D. student, Oloom Tahghight Univ., 2010-S
8. Bahram Masoudi, Ph.D. student, Oloom Tahghight Univ., 2010- S
9. Raheleh Khademian, Ph.D. student, Mazandaran Univ., 2010- A
10. Amin Azadi, Ph.D. student, Oloom Tahghight Univ., 2009- S
11. Ezatollah Sedaghat Far, Ph.D. student, Oloom Tahghight Univ., 2009- S
12. Arash Fazeli, Ph.D. student, Mazandaran Univ., 2009- S

13. Leila Khodai, Ph.D. student, Tehran Univ., 2009- S
14. Zahra Eaini, M.S. student, Imam Khomainsi Univ., 2011. A
15. Masoomeh Habibi, M.S. student, Sharekord Univ., 2011-2012. A
16. Mahnaz Shabani, Ph.D. student, Oloom Tahghight Univ., 2009-2011. A
17. Shahin Jahangirzadeh, M.S. student, Tehran Univ., 2011-2012. A
18. Abbas Abbasi, M.S. student, Oloom Tahghight Univ., 2009- 2011. S
19. Samira Sohrabi, M.S. student, Oloom Tahghight Univ., 2009-2010. A
20. Laleh Karimi Farsad, M.S. student, Payame Nour Univ., 2009-2010.S
21. Ali Mirbabai, M.S. student, Payame Nour Univ., 2009-2010. S
22. Mehrbanoo Kazemi, student, Payame Nour Univ., 2009-2010. S
23. Mahsa Mousavi, M.S. student, Mashhad Univ., 2009- 2010.S
24. Fatemeh Najafi, M.S. student, Zabol Univ., 2009- 2010. S
25. Shirin Kolahi Zenouz, M.S. student, Payame Nour Univ., 2009-2010. A
26. Aydin Forootan, M.S. student, Mazandaran Univ., 2009- 2010. A
27. Alireza Tavasoli, Ph.D. student, Tabriz Univ., 2009- A
28. Mohammad Modaresi, Ph.D. student, Tehran Univ., 2008- 2009. A
29. Zahra Nemati M.S. student, Mashhad Univ., 2008- 2009. A
30. Abolfazle Jokar, Ph.D. student, Tehran Univ., 2008- 2009. A
31. Hamid Reza Babaie, Ph.D. student, Tehran Univ., 2008-2009. A
32. Maryam Sadeghi, M.S. student, Payame Nour Univ., 2008-2009. S
33. Vahideh Narjesi, Ph.D. student, Tehran Univ., 2007-2009. A
34. Abbas Rezai Zad, Ph.D. student, Tehran Univ., 2007-2009. A
35. Parvaneh Mahmoodi, M.S. student, Zabol Univ., 2007-2009. A
36. Sahar Valizadegan, M.S. student, Azhara Univ., 2007-2009. S
37. Reza Talebi, Ph.D. student, Mazandaran Univ., 2006-2009. S
38. Ebrahimi, Ph.D. student, Oloom Tahghight Univ., 2006-2008. A
39. Jahansooz, M.S. student, Tehran Univ., 2005-2007. A
40. Javad Razmi. Ph.D. student, Oloom Tahghight Univ., 2005-2008. A
41. Majid Sharifi, Ph.D. student, Isfahan Univ., 2005-2008. A

42. MirFahkraie, Ph.D. student, Tehran Univ., 2006-2008. S
43. Zabet, Ph.D. student, Tehran Univ., 2006-2008. A
44. Maryam Aleosfoor, Ph.D. student, Shiraz Univ., 2005-2008. A
45. Amir Naji, Ph.D. student, Tabriz Univ., 2005-2008. S
46. Hamed Dolati Baneh, Ph.D. student, Tabriz Univ., 2005-2007. A
47. Roghayeh Zolfaghari, Ph.D. student, Tarbiat Modares Univ., 2005-2007. A
48. Rabiei, Ph.D. student, Tehran Univ., 2005-2007. A
49. Samaneh Hosseini, M.S. student, Tehran Univ., 2006-2007.S
50. Soosan Boland Nazar, M.S. student, Khatam Univ., 2006-2007 S
51. Sajade Rashidi Monfared, M.S. student, Tehran Univ., 2006-2007.S
52. Basaki, M.S. student, zanzan Univ., 2006-2007 A
53. Naziheh Sadate Alavi, M.S. student, Tabriz Univ., 2005-2007. S
54. Mahmoodinasab, M.S. student, Tarbiat Modares Univ., 2005-2006. A
55. Yavar Vafie, M.S. student, Hamedan Univ., 2005-2006. A
56. Ramezani, M.S. student, Ghazvin Univ., 2005-2006. A
57. Hengameh Mahdi Gholipoor, M.S. student, Gilan Univ., 2005-2006. A
58. Bouk Raiesi, M.S. student, Tabriz Univ., 2005-2006. S
59. Yousef Nami, M.S. student, Mazandaran Univ., 2004-2006. S
60. Mona Mazaheri, M.S. student, Tehran Univ., 2005-2006. S
61. Amir Hossein Ahkami, M.S. student, Tehran Univ., 2004-2005. S
62. Mohammad Amin Omid Bakhsh, M.S. student, Tehran Univ., 2004-2005. S
63. Naser Poursarebani, M.S. student, Mazandaran Univ., 2004-2005. S
64. Ezat Karami, M.S. student, Tehran Univ., 2003-2004. A
65. Farveh Ehya, M.S. student, Tabriz Univ., 2003-2004. S
66. Iraj Bernousi, Ph.D. student, Tehran Univ., 2003-2004. A
67. Hava Delavar, M.S. student, Shiraz Univ., 2003-2005. S
68. Bahman Fazeli, M.S. student, Tehran Univ., 2003-2004. A
69. Leila Pazouki, M.S. student, Hamedan Univ., 2002-2004. S

LANGUAGES

Persian
English

REFERENCES

Dr. Hermann Buerstmayr, hermann.buerstmayr@boku.ac.at
Dr. Shahryar Kianian, s.kianian@ndsu.edu