



مشخصات فردی:

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مدارک تحصیلی:

- کارشناس زراعت و اصلاح نباتات - دانشگاه گیلان - 1375
- کارشناس ارشد فیزیولوژی - دانشگاه شیراز - 1378
- دکتری تخصصی فیزیولوژی مولکولی - دانشگاه فردوسی مشهد - 1386

فعالیت های آموزشی:

- بیوتکنولوژی کشاورزی و صنعت (دکتری بیوتکنولوژی)
- کشت بافت پیشرفته گیاهی (دکتری بیوتکنولوژی)
- ژنتیک مولکولی پیشرفته گیاهی (دکتری بیوتکنولوژی)
- کاربرد کامپیوتر در بیولوژی (دکتری بیوتکنولوژی)
- بیوتکنولوژی مولکولی (دکتری جانورشناسی)
- بیولوژی سلولی و مولکولی پیشرفته (دکتری بیوتکنولوژی)
- واکنش به تنشهای زیستی و غیر زیستی (دکتری بیوتکنولوژی)
- فیزیولوژی مولکولی گیاهی (دکتری فیزیولوژی مولکولی)
- فیزیولوژی سلولی پیشرفته (دکتری فیزیولوژی مولکولی)
- بیوشیمی گیاهی (دکتری فیتوشیمی)
- ژنتیک فیزیولوژی (دکتری اصلاح نباتات)
- کاربرد بیوتکنولوژی در زراعت و اصلاح نباتات (کارشناسی ارشد بیوتکنولوژی)
- ژنتیک مولکولی مقدماتی (کارشناسی ارشد بیوتکنولوژی)
- بیوتکنولوژی گیاهی مقدماتی (کارشناسی ارشد بیوتکنولوژی)
- هورمون و تمایز بافتهای گیاهی (کارشناسی ارشد بیوتکنولوژی)

- کشت بافت و ریزاردیادی گیاهی (کارشناسی ارشد بیوتکنولوژی)
- ژنومیک کارکردی (کارشناسی ارشد بیوتکنولوژی)
- بیوتکنولوژی محیط زیست (کارشناسی بیوتکنولوژی)
- فیزیولوژی گیاهی 1 و 2 و 3 (کارشناسی بیولوژی)
- مهندسی پروتئین (کارشناسی بیوتکنولوژی)
- مسیرهای متابولیک (کارشناسی بیوتکنولوژی)
- زیست عمومی (کارشناسی بیوتکنولوژی)
- ژنومیک (کارشناسی ارشد بیوتکنولوژی)
- کشت بافت (گیاهی و جانوری) (کارشناسی بیوتکنولوژی)

فعالیت های پژوهشی:

- استاد راهنمای پایان نامه دانشجویان کارشناسی ارشد بیوتکنولوژی (58 نفر)
- استاد راهنمای پایان نامه دانشجویان دکتری بیوتکنولوژی (16 نفر)
- استاد داور و مشاور پایان نامه دانشجویان کارشناسی ارشد بیوتکنولوژی (54 نفر)

افتخارات:

- استاد نمونه دانشگاه شهید بهشتی (سال 1391)
- ثبت اختراع در سازمان ثبت مالکیت صنعتی داخل کشور (5 ثبت اختراع)
- دریافت جایزه رایبه مقاله برتر در زمینه آگروتوروریسم در همایش ملی مهندسی ژنتیک و ایمنی زیستی (1389)

اجرای طرحهای صنعتی:

- اجرای پروژه صنعتی شیالی (شرکت کشاورزی اله آباد)

مسئولیت ها:

- عضو هیئت علمی پژوهشکده بیوتکنولوژی کشاورزی ایران (1378-1386)
- عضو هیات علمی دانشکده مهندسی انرژی و فناوریهای نوین دانشگاه شهید بهشتی (1386 – 1396)
- عضو هیات علمی دانشکده علوم و فناوری زیستی دانشگاه شهید بهشتی (1396 – ادامه دارد)

- عضو کمیته کودهای زیستی و زیست مهارگرها- کارگروه کشاورزی ستاد توسعه زیست فناوری معاونت علمی و فناوری ریاست جمهوری (1393 - 1397)
- عضو کارگروه بیوتکنولوژی کشاورزی- ستاد توسعه زیست فناوری معاونت علمی و فناوری ریاست جمهوری (1397- ادامه دارد)
- مدیر گروه بیوتکنولوژی دانشگاه شهید بهشتی (1389-1391)
- عضو شورای بیوتکنولوژی دانشگاه شهید بهشتی (1391-1392)
- معاون تحقیق و توسعه قرارگاه مردمی جهاد کبیر (1395-1397)
- معاون تحقیق و توسعه شرکت طاها 52 وابسته به بنیاد تعاون وزارت دفاع (1392-1393)
- عضو میز امنیت غذا وزارت دفاع و پشتیبانی نیروهای مسلح (1394-1399)
- مشاور عالی معاون اقتصادی و بهره وری سازمان اوقاف و امور خیریه (1393-1398)
- مشاور پژوهشکده ژنتیک و زیست فناوری کشاورزی دانشگاه کشاورزی و منابع طبیعی ساری (1391-1389)
- مشاور مزرعه نمونه آستان قدس رضوی در پروژه های تولید قارچ خوراکی، دیوار پیش ساخته بر پایه ضایعات گیاهی و صنعت تولید کودهای شیمی-آلی (1392 - 1393)
- عضو اتاق فکر فناوری دانشگاه سیستان و بلوچستان (1394-1395)
- عضو هیات تحریره مجله اصلاح مولکولی گیاهان (1392- ادامه دارد)
- مشاور شرکت زیست فناوری کارا (1388 - 1394)
- سرپرست شرکت کشاورزی اله آباد (1392-1388)
- رییس هیات مدیره شرکت زیست فناوران نوتریکا (1396 - ادامه دارد)
- مدیر عامل شرکت شبکه زیست ترویج امید (1395- ادامه دارد)
- مدیر عامل شرکت کشت بافت پیشتانز (1393 - ادامه دارد)
- مدیر عامل شرکت ماشین سازی عسکریه (1394 - ادامه دارد)

عضویت در انجمن ها و مجامع:

- عضو انجمن بیوتکنولوژی ایران
- عضو انجمن ایمنی زیستی ایران
- عضو هیات مدیره انجمن ژنتیک ایران (تا 1393)

- عضو هیات مدیره زراعت و اصلاح نباتات ایران (تا 1393)

علاقه مندی های آموزشی، پژوهشی و مدیریتی:

- الگوریتم تولید محصول سالم
- تولیدات گیاهی و میکروبی
- متابولیت های دارویی
- استقرار سامانه های صنعتی تولیدات گیاهی
- بیوتکنولوژی گیاهی و بیوتکنولوژی میکروبی
- زراعت مولکولی برای تولید پروتئین های نو ترکیب

کتاب علمی

1. **Askari, H.**, and Kafi, M. 2007. **Molecular view on determinants and effectors of halophytic salt tolerance: A case study on *Suaeda aegyptiaca*.** M. Kafi & M.A.Khan (eds.). *In Crop and Forage Production Using Saline Waters.* Pages 35-49.

مقالات علمی

1. Safdarian, M., Askari, H., Nematzadeh, G., and Sofu, A. 2020. Halophile plant growth-promoting rhizobacteria induce salt tolerance traits in wheat (*Triticum aestivum* L.). *Pedosphere* 30: 684-693.
2. Fatemi, F., Hashemi-petroudi, SH., Nematzadeh, G., **Askari, H.**, and Abdollahi, M.R. 2019. Exploiting Differential Gene Expression to Discover Ionic and Osmotic-Associated Transcripts in the Halophyte Grass *Aeluropus litoralis*. *Biological procedures online* 21: 1-16.
3. Arab, M.M., Marrano, A., Abdollahi-Arpanahi, R., **Askari, H.**, Neale, D.B., and Vahdati, K. 2019. Genome-wide patterns of population structure and association mapping of nut-related traits in Persian walnut populations from Iran using the Axiom *J. regia* 700K SNP array. *Scientific Reports* 9: 6376-6390.
4. Safdarian, M., **Askari, H.**, Shariati, J.V., and Nematzadeh, Gh. 2019. Transcriptional responses of wheat roots inoculated with *Arthrobacter nitroguajacolicus* to salt stress. *Scientific Reports* 9: 1792-1799.

5. Farrokhi, N., Rostaminedjad, M., **Askari, H.**, Zakavi, M. and Soltani Najafabadi, M. 2018. Energy flow from root to shoot: a comprehensive in silico analysis. *Iranian J. Biotech.* 17: 98-102.
6. Rasoulnia, A., Alavi, S.M., **Askari, H.**, Farrokhi, N. and Soltani Najafabadi, M. 2018. Effects of *Xanthomonas citri* subsp. *citri* Infection on Chlorophyll Pigment Content, Chlorophyll Fluorescence and Proteins Change in *Citrus aurantifolia*. *Journal of Agricultural Science and Technology* 20: 571-582.
7. Mianlengheh, Z.E., Najafabadi, M.S., Saidi, A. and **Askari, H.** 2018. Monitoring Response of a Few bZip Transcription Factors in Response to Osmotic Stress in Sunflower. *Iranian J. Biotech.* 16: 14-22.
8. Alizadeh, M., **Askari, H.** and Najafabadi, M.S. 2018. Temporal expression of three conserved putative microRNAs in response of *Citrus*× *Limon* to *Xanthomonas citri* subsp. *citri* and *Xanthomonas fuscans* subsp. *Aurantifolii*. *Biotechnologia* 98: 257-264.
9. Sadeghi, A., Karimi, E., Dahaji, P.A., Javid, M.G., Dalvand, Y. and **Askari, H.** 2012. Plant growth promoting activity of an auxin and siderophore producing isolate of *Streptomyces* under saline soil conditions. *World Journal of Microbiology and Biotechnology* 34:16-24.
10. Safdarian, M., **Askari, H.**, SOLTANI, N.M. and Nematzadeh, G. 2017. Identification of halophile bacteria from salt deserts of Iran and study some of their physiological traits. *Biological Journal of Microorganism* 6: 45-57.
11. Zakavi, M., **Askari, H.** and Irvani, N. 2016. Optimizing micropropagation of drought resistant *Pyrus boissieriana* Buhse. *Physiology and Molecular Biology of Plants* 22: 583-593.
12. Hamzelou, S., **Askari, H.**, and Nobari, N.A. 2016. Deceptive responsive genes in gel-based proteomics. *Computational biology and chemistry* 61: 1-7.
13. Mohammadzade, S., Parikhani, A.B., **Askari, H.** 2016. Assessment of Behavior of Rice Root Peroxidase in the Presence of Silver Nanoparticles. *Avicenna J. Medical Biochemistry*.
14. Fattahi, F., Shojaeiyan, A., **Askari, H.**, Naghdi Badi, H., Ayyari, M., Mokhtassi-Bidgoli, A. 2015. Quantitative Assessment of Hyoscyamine and Scopolamine Tropane Alkaloids in Root and Shoot of *Hyoscyamus* spp. from Iran. *Journal of Medicinal Plants* 4: 105-114.
15. Zarafshar, M., Akbarinia, M., **Askari, H.**, Hosseini, S.M., Rahaie, M., Struve, D. 2015. Toxicity assessment of SiO₂ nanoparticles to pear seedlings. *International Journal of Nanoscience and Nanotechnology* 11: 13-22.

16. Sadeghnezhad, E., **Askari, H.**, Soltan, S., Honarvar, F. 2015. Identification and Distribution of Anaerobic Responsive Elements (AREs) in Genes Functional Categorization of *Arabidopsis thaliana*. J. Applied Biotech. Reports 1: 135-141.
17. Fatemi, F., Nematzadeh, G.A., **Askari, H.**, Hashemi, H.R. 2015. Identification of the transcripts involving in drought tolerance in *Aeluropus littoralis* using cDNA-AFLP technique. Modern Genetics J. 10: 89-98.
18. Fattahi, F., Shojaeiyan, A., **Askari, H.**, Naghdi Badi, H., Mirmasoumi, M. 2015. Effect of chemical and physical treatments on seed germination of *Datura innoxiamill*. Eco-Phytochemical J. Med. Plants 3: 32-42.
19. Hashemi-Petroudi, S.H., Nematzadeh, G., **Askari, H.**, Ghahary, S. 2014. Involvement of Cytosine DNA methylation in different developmental stages of *Aeluropus littoralis*. J. Plant Mol. Breeding 2: 56-67.
20. Moshaei, M.R., Nematzadeh, G., **Askari, H.**, Nejad, A.S.M. 2014. Quantitative gene expression analysis of some sodium ion transporters under salinity stress in *Aeluropus littoralis*. Saudi j. boil. sciences 21: 394-399.
21. Mirzajani, F., **Askari, H.**, Hamzelou, S., Schober, Y., Römpp, A., Ghasempour, A. Spengler, B. 2014. Proteomics study of silver nanoparticles toxicity on *Oryza sativa* L. Ecotoxicology and environ. safety 108: 335-339.
22. Hosseini, S.M., Najafabadi, M.A., **Askari, H.**, Saidi, A., Nejad, E.S. 2014. Genotype-Dependent Differential Response of Cereal Germinating Seeds Against. J. App. Biote. Reports 1: 105-110.
23. Hasabi, V., **Askari, H.**, Alavi, S.M., Goodarzi, T., Najafabadi, M.S., Zamanizadeh, H. 2014. Inhibitory impact of plant nutritional compounds on *Xanthomonas citri* subsp. *citri*, the causal agent of bacterial canker of citrus. J. Plant Pathology 96: 369-375.
24. Nejad, E.S., **Askari, H.**, Gholami, M. 2014. Evaluation of cellular responses of the halophyte '*Aeluropus littoralis*' to salinity stress through cell growth, sugars and polyamines content. Plant Knowledge Journal 3: 1-
25. Hasabi, V., **Askari, H.**, Alavi, S.M., Najafabadi, M.S. 2014. In Vitro and In Vivo Antibacterial Activity of Some Organic and Inorganic Salts Against Asiatic Citrus Canker Agent *Xanthomonas Citri* Subsp. *Citri*. Turk. J. Agriculture-Food Sci. and Tech. 2: 6-
26. Hasabi, V., **Askari, H.**, Alavi, S.M., Zamanizadeh, H. 2014. Effect of amino acid application on induced resistance against citrus canker disease in lime plants. J. Plant Prot. Res 54: 144-149.

27. Mirzajani, F., **Askari, H.**, Hamzelou, S., Schober, Y., Römpp, A., Ghasempour, A. Spengler, B. 2014. Proteomics study of silver nanoparticles toxicity on *Bacillus thuringiensis*. *Ecotoxicology and environ. safety* 100, 122-130.
28. Honari, M., **Askari, H.**, Khosrowchahli, M. 2014. Use of desirability function method in optimization of regeneration and callus induction of *Alhagi camelorum*. *American J. Plant Sci.*
29. Zarafshar, M., Akbarinia, M., **Askari, H.**, Hosseini, S.M., Rahaie, M. Striker, D., Gustavo, G. 2104. Morphological, physiological and biochemical responses to soil water deficit in seedlings of three populations of wild pear (*Pyrus boissieriana*). *Biotechnologie, Agronomie, Société Et Environnement* 18: 353-366.
30. Soltani, S., **Askari, H.**, Ejlali, N., Aghdam, R. 2014. The Structural properties of DNA regulate gene expression *Molecular BioSystems* 10: 273-280.
31. Mirzajani, F., **Askari, H.**, Hamzelou, S., Farzaneh, M., Ghasempour, A. 2013. Effect of silver nanoparticles on *Oryza sativa* L. and its rhizosphere bacteria. *Ecotoxicology and Environmental Safety*, 88:48-54.
32. Hashemi, S.H., Nematzadeh, G.A., **Askari, H.**, and Ghasemi, Y. 2012. Pattern of DNA cytosine methylation in *Aeluropus littoralis* during temperature stress. 1: 16-24.
33. Sadeghnejad, E., **Askari, H.**, Hamzelou, S., Gholami, M., 2013, Regulation of core cell cycle genes by cis regulatory elements in *Arabidopsis thaliana*. *Plant Knowledge J.* 2: 69-75.
34. Sadeghnejad, E., **Askari, H.**, and Soltani, S. 2012. Regulatory TGACG-motif may elicit the secondary metabolite production through inhibition of active Cyclin-dependent kinase/Cyclin complex. *Plant Omics Journal* 5: 553-558.
35. Shobbar, M. S., Azhari, O., Shobbar, Z. S., Niknam, V., **Askari, H.**, Pessarakli, M., and Ebrahimzadeh, H. 2012. Comparative analysis of some physiological responses of rice seedlings to cold, salt and drought stresses. *Journal of Plant Nutrition.* 35: 1037-1052.
36. Sadeghi, A., Karimi, E., abaszadeh Dahaji, P., Ghorbani Javid, M., Dalvand, Y., and **Askari, H.** 2011. Plant growth promoting activity of an auxin and siderophore producing isolate of *Streptomyces* under saline soil conditions. *World J Microbiol Biotechnol.* 28: 1503-1509.
37. Sadeghi, A., Hessian, A.R., **Askari, H.**, Naderi, Q. D., Farsi, M., and Majidi, H. E. 2009. Biocontrol of *Rhizoctonia solani* damping-off of sugar beet with native *Streptomyces* strains under field conditions. *Biocontrol Sci. Technol.* 19:985-991.

38. Khosh Kholgh S., N.A., **Askari, H.**, Hadavand M., H., and Pessaraki, M. 2009. Genotype-dependent differential response to Ca supplement in saline conditions. *J. Plant Nutri.* 32:579-597.
39. **Askari, H.**, Edquist, J., Hajheidari, M., Kafi, M., Salekdeh, Gh.H. 2006. Effects of salinity levels on proteome of *Suaeda aegyptiaca* leaves. *Proteomics* 6: 2542-2554.
40. Sadeghi, A., Hesan A. R., **Askari, H.**, Aghighi, S., and Shahidi Bonjar, G.H. 2006. Biological control potential of two streptomyces isolates on *Rhizoctonia solani*, the causal agent of damping-off of sugar beet. *Pa. J. Bio. Sci.* 8: 904-910.
41. Dadashi, D. A., **Askari, H.**, Mayer-Posner, F. J., Salekdeh, Gh.H. 2006. Proteomic responses of rice young panicle response to salinity. *Proteomics* 6: 6498-6507.
42. Hajheidari, M., Abdollahian-Noghabi, M., **Askari, H.**, Heidari, M., Sadeghian, S. Y., Ober, E. S., and Salekdeh, Gh. H. 2005. Proteome analysis of sugar beet leaves under drought stress. *Proteomics* 5: 950-960.

مقالات کنفرانس و همایشهای علمی

1. Khosh Kholgh Sima, N. A., and **Askari, H.** 2000. Ecophysiological aspects of plant responses to salt stress. Proceedings of the 6th Iranian Congress of Crop Production and Plant Breedings. pp 33- 64.
2. Ahmadi, M., Askari, H., Soltani, M., 2013, Study of hydrogen Cyanide effect on salt stress induction in *Aeluropus littoralis*, 8th National Biotechnology Congress, Tehran, Iran
3. Ahmadi, M, and **Askari, H.** 2011. Role of Hydrogen Cyanide in cellular performance of halophyte *Aleuopus littoralis*. 2nd National Plant Physiology Conference of Iran (28-29 Apr.), Yazd, Iran.
4. Ahmadi. N, M., **Askari, H.**, Sadeghnejad, E, and Parand, M. 2011. Evaluation of intelligence of energy consumption in protein biosynthesis. The 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
5. Alizade, **Askari, H.**, Rajaei, Nejabat, 2013, Isolation and amplification of candidate microRNAs by stem-loop RT-PCR from lemon, 8th National Biotechnology Congress, Tehran, Iran
6. Alizade, **Askari, H.**, Soltani, rajaei, 2014, Expression analysis of candidate microRNAs in response of lemon to two bacterial strains of *Xanthomonas* genus, 1st international and 13th Iranian Genetic Congress, Tehran, Iran

7. **Askari, H.** 2011. Food security and agro-terrorism in Iran. 3rd Biosafety and Genetic Engineering Congress (13-15 June), Tehran, Iran.
8. **Askari, H.** 2011. Halophytic rice. 14th National Rice Congress (28 Feb -1 Mar.), Sari, Iran.
9. **Askari, H.,** Abouhaji, B., Ghasemi, M., Majidi H. E., Babaei F., Malaki, A., and Vahabzadeh, M. 2006. Lignin deposition in wheat seed. The First International Conference on the Theory and Practices in Biological Water Saving (ICTPB), Beijing, China.
10. **Askari, H.,** and Ghadiri, H. 2006. Assessment of alfalfa response to salt stress in mixed-cropping systems with three annual halophyte. The First International Conference on the Theory and Practices in Biological Water Saving (ICTPB), Beijing, China.
11. **Askari, H.,** and Majidi Heravan, E. 2006. Reduction of nutritional strength induced root extension of wheat seedlings. The First International Conference on the Theory and Practices in Biological Water Saving (ICTPB), Beijing, China.
12. **Askari, H.,** and Sarhadi, E. 2006. Xylem sap flow influenced by salt stress in canola. The First International Conference on the Theory and Practices in Biological Water Saving (ICTPB), Beijing, China.
13. **Askari, H.,** Ensafi, M. H., Majidi Heravan E., and Vahabzadeh, M. 2008. Lignin exerts a significant negative effect on wheat seed size. 5th ICSC. ICC Jiju, Korea.
14. **Askari, H.,** Hajheidari, M. and Salekdeh, Gh.H. 2004. Proteome analysis of *Suaeda aegyptiaca* leaf tissue under NaCl treatments. 3rd International proteomics conference, Taipei, Taiwan.
15. **Askari, H.,** Nematzadeh, G., Saidi, A., Khalife Soltani, S. M., Taheri, Z., Sadeghnejad, E., Hashemi, H., Nasiri, N., Shokri, E., Hamzelou, S., Ahmadi, M. 2011. Halophytism for Crop Plant. 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
16. **Askari, H.,** Salekdeh, Gh. H., and Kafi, M. 2003. Proteome analysis of *Suaeda aegyptiaca* affected by sodium chlorid. Proceedings of the First Iranian Congress of Cell and Molecular Biology. p 95.
17. Azadeh, M., **Askari, H.,** Hadad, M. 2012, Assessment of different culture media on inhibition and growth of callus in camelthorn, 12th Iranian Genetics Congress, Tehran, Iran
18. Azadeh, M., **Askari, H.,** Hadad, M. 2012, Assessment of different hormones and explant on inhibition and growth of callus in camelthorn, 12th Iranian Genetics Congress, Tehran, Iran
19. Azadeh, M., **Askari, H.,** Abookazemi, K., and Hamzelou, S. 2011. Camelthorn transformation and forage production safety in arid areas. 3rd Biosafety and Genetic Engineering Congress (13-15 June), Tehran, Iran.

20. Azadeh, M., **Askari, H.**, Sadeghnejad, E, and Hadad, R. 2011. *Alhagi camelurumn* cell suspension system settlement in process of Catechin production. Medical Plants National congress (2-3 Mar.), Sari, Iran.
21. Esmaeilzadeh, M., Saeedi, A., **Askari, H.**, Soltani, M. 2014, Sunflower transcription factors database, 1st international and 13th Iranian Genetic Cogress, Tehran, Iran
22. Esmaeilzadeh, M., Saeedi, A., Soltani, M. **Askari, H.** 2014, Expression analysis the bZIP family of transcription factors in response to drought stress in sun flower, 1st international and 13th Iranian Genetic Cogress, Tehran, Iran
23. Fatemi, F., Nematzade, G. **Askari, H.**, 2012, Selectable marker genes compatible with biosafety, 12th Iranian Genetics Congress, Tehran, Iran
24. Fatemi, F., Nematzade, G., **Askari, H.**, Hashemi, H.R. 2013, Introduction of ionic and osmotic stress responsive ESTs using capture cDNA-AFLP techniques, 8th National Biotechnology Congress, Tehran, Iran
25. Fatemi, F., Nematzade, G. **Askari, H.**, Hashemi, H.R. 2013, The use of capture cDNA AFLP techniques in response of Aeluropus to osmotic stress, 8th National Biotechnology Congress, Tehran, Iran
26. Fatemi, S. F., **Askari, H.**, and Nematzadeh, G. 2011. Compatible promoters with gene networks in salt and drought tolerance. 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
27. Ghasemi, M., **Askari, H.**, Mardi, M., and Majidi Harvan, E. 2008. Lignin accumulation in wheat seed may not be involved in suppression of FHB. 5th ICSC. ICC Jiju, Korea.
28. Ghorbani, J., Saidi, A., **Askari, H.**, Talebi, R., Kharkesh, S. M. 2011. R-ISSR as a new tool for genomic fingerprinting, mapping and Gene Tagging in Chickpea. The 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
29. Hajheidari, M., Abdollahian-Noghabi, M., **Askari, H.**, Heidari, M., Sadeghian, S. Y., Ober, E. S. and Salekdeh, Gh. H. 2004. Proteome Analysis of Sugar Beet Leaves under Drought Stress. 3rd International proteomics conference, Taipei, Taiwan.
30. Hamzehlou, S, and **Askari, H.** 2009. Root function is a weight vector of diverse gene expression in plant root branches. The 6th National Biotechnology Congress of Iran (13-15 Aug.), Tehran. Iran.
31. Hamzelou, S., **Askari, H.** 2012, Challenge analysis of gene expression reality from gel based proteomics, 12th Iranian Genetics Congress, Tehran, Iran

32. Hamzelou, S, and **Askari, H.** 2011. Molecular challenge of rice root breeding in response to salt stress. 14th National Rice Congress (28 Feb -1 Mar.), Sari, Iran.
33. Hamzelou, S., and **Askari, H.** 2011. Proteome dynamic of rice branch roots in response to salinity stress. 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
34. Hamzelou, S., and **Askari, H.** 2011. The application of Genetic engineering in bio remediation of domestic wastewaters (greywater), 3rd Biosafety and Genetic Engineering Congress (13-15 June), Tehran, Iran, 2011.
35. Hamzelou, S., **Askari, H.**, Ahmadi, M., Taheri, Z, and Sadeghnejad, E. 2011. Energy economy in production of pharmaceutical proteins. Medical Plants National congress (2-3 Mar.), Sari, Iran.
36. Hamzelou, S., **Askari, H.**, and Abookazemi, K. 2011. Production technology of glowing ornamental plants. 3rd Biosafety and Genetic Engineering Congress (13-15 June), Tehran, Iran.
37. Harati, J., **Askari, H.**, Nejabat, S, and Sadeghnejad, E. 2011. Detection of genetically modified foods and food safety. 3rd Biosafety and Genetic Engineering Congress (13-15 June), Tehran, Iran.
38. Hashemi, S.H., Nematzadeh, G., **Askari, H.**, Ghasemi, Y., Norollahi, J., Bagheri, A. 2011. DNA cytosine methylation in *Aeluropus littoralis* developmental stages. 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
39. Hashemi. P.S.H., Nematzadeh, G., **Askari, H.**, Shahin, B, and Ghasemi, Y. 2011. Gene expression analysis of *Aeluropus littoralis* under salt stress. The 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
40. Kalibar, Z., Nematzade, G., Hashemi, H.R. **Askari, H.** 2013, Identification, cloning and isolation of proline5carboxylate synthase 1 encoding gene from Aeluropus halophyte, 8th National Biotechnology Congress, Tehran, Iran
41. Kalibar, A., Nematzade, G., Hashemi, H.R., **Askari, H.** 2013, Isolation and expression analysis betaine aldehyde dehydrogenase gene in response to salinity in Aeluropus littoralis halophyte, 8th National Biotechnology Congress, Tehran, Iran
42. Karimi, E., Hessian, A. R., Sadeghi, A., Abbaszade Dehaji, P., **Askari, H.**, Mahmoudi B, and Dalvand, Y. 2009. Use of Streptomyces to inhibition of sugar beet damping off under greenhouse and field conditions. The 6th National Biotechnology Congress of Iran (13-15 Aug.), Tehran. Iran.

43. Khalifeh Soltani, S. M, and **Askari, H.** 2011. Importance of gene transformation of economically – important crops on chemical toxins decrease. 3rd Biosafety and Genetic Engineering Congress (13-15 June), Tehran, Iran.
44. Khalifeh Soltani, S. M., **Askari, H.** and Saidi, A. 2011. Proteome analysis of the leaves of different ages of *Aleuropus littoralis* under salt stress. The 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
45. Khanmohammadi, A., **Askari, H.**, Sadeghnejad, E, and A., Saidi. 2011. Incorporation of two processes of endophytes inhibition and callus induction in forest explants in *Taxus baccata*. Medical Plants National congress (2-3 Mar.), Sari, Iran.
46. Khanmohammadi, A., Saidi, A., and **Askari, H.** 2011. Callus induction from *Taxus baccata* explants using sterilization process. The 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
47. Khanmohammadi, A., Saidi, A., and **Askari, H.** 2011. Medium optimization for cell growth increment in callus culture of *Taxus baccata* L. The 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
48. Malek. H.S., Kharkesh, S. M, **Askari, H.** 2011. Identification of TNT response related gene in oat (*Avena sativa*). 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
49. Kharkesh, S. M., **Askari, H.**, Saidi A., Talebi, R, and Ghorbani, J. 2011. Pharmaceutical and field pea: pea breeding challenge. Medical Plants National congress (2-3 Mar.), Sari, Iran.
50. Khosh Kholgh S., N.A., **Askari, H.**, H. Mirzaei, and H., Pessarakli, M. 2008. Genotype-dependent
51. Malek. H, S, **Askari, H.** and Saidi, A. 2009. Genetic engineering of plants: an approach of landmines detection. The 6th National Biotechnology Congress of Iran (13-15 Aug.), Tehran. Iran.
52. Malek. H, S., **Askari, H.** and Saidi, A. 2011. Identification of TNT specific responsive proteins from barley (*Hordeum volgare*). 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
53. Malek. H, S., **Askari, H.**, Saidi, A., Ahmadi, M, and Sadeghnejad, E. 2011. Effects of trinitrotoluene (TNT) on seed germination and seedling growth of cereal. 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.

54. Malek, H. S., Kharkeesh, S. M., **Askari, H.**, and Ahmadi, M. 2011. Acceptance of genetically modified foods in community of university students. 3rd Biosafety and Genetic Engineering Congress (13-15 June), Tehran, Iran.
55. Mirzajani, F., **Askari, H.**, Aliahmadi, A., and Ghasempour, A. 2011. Metabolomics study of the Silver Nanoparticles on Escherichia coli: Based on Volatile Organic Compounds (VOCs). 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
56. Mirzajani, F., Ghasempour, A., Hamzelou, S., **Askari, H.**, Aliahmadi, A., MA06. 2011. Proteomics Study of Silver Nanoparticle influence on Soil Microflora. 2nd International Congress on Analytical Proteomics- ICAP (18-20 July), Spain, Ourense.
57. Moghadam, R., and **Askari, H.** 2011. Two-level responses in organ culture of *Aleuopus littoralis* to salinity stress. 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
58. Mohammadzade, M. **Askari, H.**, Saidi, A. 2013, Assessment of AgNPs effects on extracted rice root proteome, 8th National Biotechnology Congress, Tehran, Iran
59. Mohammadzadeh, M., **Askari, H.**, Saidi, A. 2014. Assessment of binding and modification of plant soluble proteins at the present of silver nanoparticles, 1st international and 13th Iranian Genetic Congress, Tehran, Iran
60. Motevalli, A., **Askari, H.** 2013, Biochemical properties survey of proteins of genetic model plant of Arabidopsis and Rice, 8th National Biotechnology Congress, Tehran, Iran
61. Nabizadeh, Z., **Askari, H.**, and Khalifeh Soltani, S. M. 2011. Environment concerns for using CaMV 35S promoter in transgenic plants. 3rd Biosafety and Genetic Engineering Congress (13-15 June), Tehran, Iran.
62. Nasiri, N., Nematzadeh, G., **Askari, H.**, and Shokri, E. 2011. Evaluation of expression pattern of responsive proteins in salt stress in *Aleuopus littoralis*. The 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
63. Niksefat, T., Rahaei, M., **Askari, H.**, Tohidfar, M. 2013. Gene transferring optimization in algae using GUS reporter gene to produce recombinant protein, 8th National Biotechnology Congress, Tehran, Iran
64. Parikhani, F., **Askari, H.**, Saidi, A., Mirzajani, F. 2014. Analysis of molecular responsiveness of Bacillus thuringiensis and Pseudomonas fluorescens, 8th National Biotechnology Congress, Tehran, Iran

65. Rahimi Ashtiani, S., Kanani, M. R., joshani, A., Rezadoost, H., khanmohammadi A., Ghassempour, A., **Askari, H.**, and Saidi, A. 2009. Possibility of taxol production using fungal endophytic flora taken from *Taxus baccata L.* of Iran. The 6th National Biotechnology Congress of Iran (13-15 Aug.), Tehran. Iran.
66. Rezaei Moshaei, M., Nematzadeh, G., **Askari, H.**, and Shokri, E. 2011. Evaluation of expression pattern of HAK1 gene encoding high affinity potassium in *Aleuopus littoralis* affected by salinity. The 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
67. Sadeghi, A., Hesan, A.R., **Askari, H.**, and Naderi Qomi, D. 2008. Biocontrol of *Rhizoctonia Solani* damping off of sugar beet with Streptomyces strains under field conditions. 5th ICSC. ICC Jiju, Korea.
68. Sadeghi, A., Vahabzadeh, M., **Askari, H.**, Ghasemi, M., Abohaji, B., and Majidi Harvan, E. 2008. Generation of Wheat Salt-tolerant Recombinant Inbred Lines (Rils). 5th ICSC. ICC Jiju, Korea.
69. Sadeghnejad, E, and **Askari, H.** 2011. Assesment of *Aleuopus littoralis* cellular response to salt stress. 2nd National Plant Physiology Conference of Iran (28-29 Apr.), Yazd, Iran.
70. Sadeghnejad, E., **Askari, H.**, Hamzelou, S, and Ahmadi, M. 2011. *Cis*-regulatory elements logic in control of plant cell cycle. 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
71. Sadeghnejad, E., **Askari, H.**, and Hamzelou, S. 2011. Cell cycle functions in introduction of the new generation of stimulants production used in pharmaceutical ingredients. Medical Plants National congress (2-3 Mar.), Sari, Iran.
72. Salekdeh, Gh. H., Bennett, J., Hajheidari, M., **Askari, H.**, Nasrabadi, D., Gazanchian, A., Eivazi, A., Dadashi, A., Edqvist, J., Khoshkholgh-Sima, N.A., Wade, L. J., Ghareyazie, B., Abdolahian, M., Sadeghian, S. Y., Ober, E. S., Heidari, M. and Karimi, R. 2004. Comparative Proteome Analysis of Plants under Drought and Salt stresses. 3rd International proteomics conference, Taipei, Taiwan.
73. Salekdeh, Gh. H., Hajheidari, M., **Askari, H.**, Heidari, M., Eivazi, A., Nasrabadi, D., Karimi, R. 2003. Proteomics: an approach for gene expression analysis. The third congress of biotechnology, University of Ferdosi Mashhad, Iran.
74. Sharafiyeh, E., **Askari, H.**, and Sadeghnejad, E. 2011. Application of bioreactors in repression of transformation risk of pharmaceutical plant. 3rd Biosafety and Genetic Engineering Congress (13-15 June), Tehran, Iran.

75. Shokri, Kh., **Askari, H.**, 2013, Assessment of probable occurrence of evolution in rice rhizobacteria in response to AgNPs, 8th National Biotechnology Congress, Tehran, Iran
76. Shokri, Kh., **Askari, H.**, 2013, Differential responsiveness of rice rhizobacteria to AgNPs, 8th National Biotechnology Congress, Tehran, Iran
77. Shokri, Kh., **Askari, H.**, 2014, Evolutionary effect of Ag nanoparticles on a soil bacterium, *Pseudomonas koreensis*, 1st international and 13th Iranian Genetic Congress, Tehran, Iran
78. Soltani, S., **Askari, H.**, and Masoumi, A. 2011. Truth assessment of genes loci of resistance factors in genetic engineering. 3rd Biosafety and Genetic Engineering Congress (13-15 June), Tehran, Iran.
79. Taheri, Z., and **Askari, H.** 2011. Determination of proteome map of *Aleuopus littoralis* cell wall. The 7th National Biotechnology.
80. Taheri, Z., and **Askari, H.** 2011. Genetic architecture of cell wall, food security and environment safety. 3rd Biosafety and Genetic Engineering Congress (13-15 June), Tehran, Iran.
81. Taheri, Z., and **Askari, H.** 2011. Optimization, extraction and assessment of appoplastic proteome from *Aleuopus littoralis* affected by saline conditions. 2nd National Plant Physiology Conference of Iran (28-29 Apr.), Yazd, Iran.
82. Taheri, Z., and **Askari, H.** 2011. The differential effect of light quality on callus induction. The 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
83. Taheri, Z., **Askari, H.**, Sadeghnejad, E. 2011. Optimization of callus and cell suspension culture of *Aleuopus littoralis*. The 7th National Biotechnology Congress of I.R. Iran (12-14 Sep.), Tehran. Iran.
84. Zakavi, M., **Askari, H.**, Iravani, N., Zarafshar, M. 2013, Effect on plant growth regulators on proliferation of *Pyrus boissieriana*, 8th National Biotechnology Congress, Tehran, Iran