

1. PERSONAL INFORMATION



Name: **Ali Bandehagh**
Date of Birth: **1974**
Nationality: **Iranian**
Sex: **Male**
Marital status: **Married**
Present address: **Department of Plant breeding and Biotechnology, Faculty of Agriculture, University of Tabriz, Tabriz, Iran, P.O.Box: 5166616471**
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2. EDUCATIONAL RECORDS

Degree	University	Year	Date Received	Subject
B.Sc.	University of Tabriz	1992-1995	1995	Agronomy and Plant Breeding
M.Sc.	University of Tabriz	1998-2001	2001	Plant Breeding
Ph.D.	University of Tabriz	2004-2008	2008	Plant Breeding-Biotechnology

M.Sc. Thesis: Response of Some Spring Wheat (*Triticumaestivum*) Genotypes to Salinity Stress

Ph.D. Thesis: Proteom Analysis of rapeseed genotypes (*Brassica napus L.*) under salinity stress

3. ACADEMIC EXPERIENCES

- ✓ Scientific member of Agricultural Biotechnology Research Institute of Iran, 2006 up to 2008, (ABRII), Karaj, Iran.
- ✓ Scientific member of Azarbayjan University, 2004 up to 2005, Tabriz, Iran
- ✓ Deputy Director of Dept. of Plant Breeding and Crop Production, University of Tabriz, 2008 up to 2010
- ✓ Scientific member of Dept. of Plant Breeding and Biotechnology, Tabriz University, 2010 till now



4- SUPERVISION

Supervisor of 21 M.Sc. graduated students
Supervisor of 6 Ph.D. graduated students

5. RESEARCH INTERESTS

- Physiological and molecular characterization of crop responses to biotic and abiotic stresses.
- Proteomics approach for identifying abiotic stress responsive proteins.

6. TEACHING ACTIVITY

Title of Course	Level			Name of Institution
		From	To	
Experimental designs	BSc	2002	Now	Tabriz University
Probability and Statistics	BSc	2003	Now	Tabriz University
Biometrical Approaches	MSc	2004	Now	Tabriz University
Multivariate Statistical Methods	MSc	2004	Now	Tabriz University
Advanced Genetics	MSc	2011	Now	Tabriz University and Aras International University
Plant Biotechnology	BSc	2008	Now	Tabriz University
General Biology	BSc	2009	Now	Tabriz University

7. SCIENTIFIC SOCIETY MEMBER

Name of Institution/Association	Position Held	Country	Year
Iranian Society of Crop Production & Breeding (ISCPB)	Member	Iran	1993
Agricultural Engineer Organization of Iran	Member	Iran	2002

Iranian Society of Biotechnology	Member	Iran	2003
Iranian Proteomics Society (IPS)	Member	Iran	2005
Human Proteome Organisation (HUPO)	Member	Canada	2007

8. RESEARCH PROJECTS

Project Title	Project funded	Date	
		From	To
Response of rapeseed genotypes to salinity under hyder hydroponic condition	University of tabriz	2005	2006
Protein pattern of rapeseed genotypes under sodium chloride stress using proteomics	Iran National Science Foundation	2007	2009
Proteome analysis of rapeseed root under salinity stress	University of tabriz	2009	2011
Comparative proteomic analysis of canola seedling leaves inoculated with <i>Pseudomonas fluorescens</i> FY32 under drought and salinity stresses	Iran National Science Foundation	2011	now

9. Awards, Honorary Degrees, Medals and Positions

Title of Award, Medal, Position	Issuing Authority	Country	Year
<i>M.Sc. scholarship</i>	<i>Seed and Plant Improvement Institute</i>	<i>Iran</i>	<i>1999</i>
<i>The 1st place in Ph.D. entrance exam</i>	<i>University of Tabriz</i>	<i>Iran</i>	<i>2001</i>
<i>Ph.D. scholarship</i>	<i>University of Tabriz</i>	<i>Iran</i>	<i>2002</i>
<i>Young Scientist Award</i>	<i>AOHUPO</i>	<i>South Korea</i>	<i>2007</i>

10. Language Proficiency:

Language			

	Native	Good	Fair	Poor	Native	Good	Fair	Poor	Native	Good	Fair	Poor
Turkish	*				*				*			
English		*				*				*		

11. JOURNAL PAPERS

2017

- Kazemi Oskuei, B., Yin, X., **Bandehagh, A.** and Komatsu, S. 2017. Proteomic analysis of soybean seedling leaf under waterlogging stress in a time-dependent manner. *Biochimica et Biophysica Acta-Proteins and Proteomics*, 1865: 1167-1177. <https://doi.org/10.1016/j.bbapap.2017.06.022>.
- Abdi, N., Dorani Uliaie, E., **Bandehagh, A.** and Aharizad S. 2017. EFFECT OF *Agrobacterium rhizogenesis* ON HAIRY ROOTS INDUCTION IN FENNEL (*Foeniculum vulgare* MILLER). *Journal of Experimental Biology and Agricultural Sciences*, 5(3): 384-391.
- Azizi Dargahlou, S., Dorani Uliaie, E. and **Bandehagh, A.** 2016. Callus induction and plant regeneration from mature embryos of some Iranian wheat (*Triticum aestivum* L.) genotypes. *J. Bio. & Env. Sci.*, 10(5): 275-283.
- Mirzaie, F., Dorani Uliaie, E. and **Bandehagh, A.** 2017. Effect of genotype, explant and plant growth regulators on invitro organogenesis of sunflower (*Helianthus annuus* L.). *Journal of Cellular and Molecular Researches*, 4 (29): 424-432.
- Nasrollahzade Asl, V., Moharramnejad, S., Yusefi, Y., **Bandehhagh, A.** and Ibrahimi, L. 2017. Evaluation of grain yield of Maize (*Zea mays* L.) hybrides under water limitation. *Journal of Sustainable Agriculture and Production Science*, 27(2): 85-96.
- Hamian, S., Mohammadi, S.A., Moghaddam, M. and **Bandehagh, A.** 2017. Effects of salinity on the DNA methylation pattern in barley shoots. *J. Bio. & Env. Sci.*, 10(1): 60-68.
- Bazyar, M., **Bandehagh, A.** and Farajzadeh, D. 2017. Effect of inoculation of *Pseudomonas fluorescens* FY32 bacteria to reduce the effects of salinity on canola (*Brassica napus* L.). *Journal of Crop Production*, 9(4): 201-220.

2016

- Arzanlou, M., Mousavi Mirak, S.S., Bakhshi, M., Khakvar, R. and **Bandehagh, A.** 2016. Inhibitory effects of antagonistic bacteria inhabiting the rhizosphere of the sugarbeet plants, on *Cercosporabeticola*Sacc., the causal agent of Cercospora leaf spot disease on sugarbeet. Journal of Plant Protection Research, 56: 6-15. <https://doi.org/10.1515/jppr-2016-0002>.
- Banaei-Asl, F., Farajzadeh, D., **Bandehagh, A.** and Komatsu, S. 2016. Comprehensive proteomic analysis of canola leaf inoculated with a plant growth-promoting bacterium, *Pseudomonas fluorescens*, under salt stress. Biochimica et Biophysica Acta-Proteins and Proteomics, 1864: 1222-1236. <https://doi.org/10.1016/j.bbapap.2016.04.013>
- Dolatabadi, N., Toorchi, M., Valizadeh, M. and **Bandehagh, A.** 2016. Effect of salinity stress on some physiological traits of spring rapeseed genotypes at seedling stage. J. Bio. & Env. Sci., 9(6): 135-142.
- Khaleghitabar, M., Bahador, H., **Bandehagh, A.** and Bigdeli, S. 2016. Educational Needs of Faculty Members of Basic Sciences of Faculty of Medicine: Educational and Personal Development Needs. Journal of Medical Education, 15: 115-123.
- Alagoz, SM., Toorchi, M. and **Bandehagh, A.** 2016. Canola seedling response to NaCl stress – a proteomic approach. Notulae Botanicae HortiAgrobotanici Cluj-Napoca, 44: 361-366. DOI:10.15835/nbha44210462.
- Shiri, M.R., Moharramnejad, S., Hanifezadeh, M. and **Bandehagh, A.** 2016. Evaluation of yield stability of maize (*Zea mays* L.) influenced by planting date in Moghan region. Journal of Sustainable Agriculture and Production Science, 26(2): 203-214.
- Shokri, R., **Bandehagh, A.** and Mahmoudi, B. 2016. In silicostudy of osmotic stress-responsive proteins in canola (*Brassica napus* L. cv. Sarigol). Journal of Basic and Applied Research International, 19: 111-117.
- Shokri, R., Dorani Uliiaie, E., **Bandehagh, A.**, khodadadi, E. and Motie Noparvar,P. 2016. Production of therapeutic proteins through plant tissue and cell culture. Journal of Bioscience and Biotechnology, 5,: 93-104.

- Shokri,R., **Bandehagh, A.**, Toorchi, M. andFarajzadeh, D. 2016. Canola 2-Dimensional proteome profiles under osmotic stress and inoculation with *Pseudomonas fluorescens* FY32. Plant Cell Biotechnology and Molecular Biology, 17: 257-266.
- ZareHagghi,D., Neyshabouri, M., GorjiManoucher, Hassanpour, R. and **Bandehagh, A.** 2016. Growth and development of pistachio seedling root at different levels of soil moisture and compaction in greenhouse conditions. Soil and Water Research, DOI: 10.17221/146/2015-SWR.

2015

- Banaei-Asl, F., **Bandehagh, A.**, DoraniUlaiem, E., Farajzadeh, D., Sakata, K., Mustafa, G. and Komatsu S. 2015. Proteomic analysis of canola root inoculated with bacteria under salt stress. Journal of Proteomics, 124: 88-111. DOI: 10.1016/j.jprot.2015.04.009.
- Bazyar, M., **Bandehagh, A.** and Farajzadeh, D. 2015. Evaluation of some antioxidant enzymes activities and metal ion accumulation in canola inoculated with *P. fluorescens* FY32 under salinity stress. Journal of Crops Improvement, 16(4): 897-910.
- Bazyar, M., **Bandehagh, A.**, Farajzadeh, D. and Toorchi, M. 2015.Effect of inoculation of *Pseudomonas fluorescens*strain FY32 on some traits in canola cultivars under salt stress in hydroponic system. Journal of Science and Technology of Greenhouse Culture, 6: 87-96.
- Behroozivarjavi, M., Valizadeh, M. and **Bandehagh, A.** 2015. Primary antioxidant enzymes and their important role in oxidative stress in plants and mammalian. Biological Forum, 7: 148-154.
- Heidari, F., **Bandehagh, A.**, Farajzadeh, D., KazemeOskuei, B. and MotieNoparvar, P. 2015. Response of spring canola cultivars (*Brassica napus* L.) inoculated with *P. fluorescens* FY32 to drought stress. Crop Research, 50: 55-62.

- Hosseini Ghavam Abad, L., Asghari, F., **Bandehagh, A.**, Bigdeli, S. and Najafpour, S. 2015. Designing a Valid and Reliable Tool to Assess Knowledge and Attitudes of Medical Students of Iran University of Medical Sciences: the Issue of Confidentiality and Disclosure of Patient Information. *Journal of medical education*, 14: 93-100.
- Mirzaie, F., Dorani Ulihaie, E. and **Bandehagh, A.** 2015. Stimulation Effect of AgNO₃ and CoCl₂ as Ethylene Inhibitors on in- Vitro Organogenesis of Sunflower (*Helianthus annuus* L.). *Yuzuncu Yil University Journal of Agricultural Sciences*, 25: 113-118.
- Seyedzavar, J., Norouzi, M., Aharizad, S. and **Bandehagh, A.** 2015. Relationship between yield and yield components of maize hybrids under different irrigation. *Journal of Crop Ecophysiology*, 9(1): 93-108.

2014

- Aghbali, A., Vosoughosseini, S., Baradaran, B., Kalbasi Gharavi, N., **Bandehagh, A.** and Jalili, A. 2014. Evaluation of the cytotoxic activity of hydromethanolic grape seed extract in oral squamous cell carcinoma (KB cell line). *J. Isfahan Dental School*, 6 (9): 489-497.
- Alami-Milani, M., Amini, A. and **Bandehagh, A.** 2014. Effect of bio-fertilizers and combination with chemical fertilizers on grain yield and yield components of pinto bean (*Phaseolus vulgaris* L.). *Journal of Sustainable Agriculture and Production Science*, 24(4): 15-29.
- Bandehagh A.** 2014. Comparative analysis of proline content in leaves and roots of canola genotypes under lead stress. *Journal of Plant Physiology and Breeding*, 2: 35-45.
- Fallahi-Motlagh, S., Roohparvar, R., Zamanizadeh, H.R. and **Bandehagh, A.** 2014. Pathotype determination of the *Mycosphaerella graminicola* cause of septoria leaf blotch of wheat in Iran. *Journal of Applied Researches in Plant Protection*, 3(2): 17-28.

- Ghassemi-Golezani, K., Hassanpour, S., **Bandehagh A.** and Farhangi, S. 2014. Seed hydro-priming, a simple way for improving mung-bean performance under water stress. *International Journal of Biosciences*, 4: 12-18.
<http://dx.doi.org/10.12692/ijb/4.12.12-18>.
- Heidari A., **Bandehagh A.** and Toorchi M. 2014. Effect of NaCl stress on chlorophyll content and fluorescence in sunflower (*Helianthus annuus* L.) Lines. *YuzuncuYil University Journal of Agricultural Sciences*, 24: 111-120.
- Miri Kondori, M., Mohammadi, S.A. and **Bandehagh, A.** 2014. Effect of salinity on root characteristics of Sahara 3771 (salt tolerant) and Clipper (salt sensitive) barley varieties. *Cereal Research*, 4(1): 175-184.
- Yazdani Motlag, N., Reyhanitabar, A., Najafi, N. and **Bandehagh, A.** 2014. Effects of combined application of nitrogen and phosphorus on the growth characteristics of rice plants under flooded and periodic saturation conditions. *Water and Soil Science*, 24(3): 145-160.

2013

- Aghaz, M. and **Bandehagh, A.** 2013. Phytotoxic effects of cadmium on photosynthesis pigments in dill (*Anethum graveolens*). *International Journal of Farming and Allied Sciences*, 2 (16): 544-548.
- Aghaz, M., **Bandehagh, A.** 2013. Effect of lead stress on some leaf characteristics in dill (*Anethum graveolens*) ecotypes. *International Journal of Agronomy and Agricultural Research*, 4 (1): 147-150.
- Aghaz, M., **Bandehagh, A.**, Aghazade, E., Toorchi, M. and Ghassemi-gholezani, K. 2013. Effects of Cadmium Stress on Some Growth and Physiological Characteristics in dill (*Anethum graveolens*) Ecotypes. *International journal of agriculture: research and review*, 3 (2): 409-413.
- Aghbali, A., Vosough Hosseini, S., Delazar, A., Kalbasi Gharavi, N., Zare Shahneh, F., Orangi, M., **Bandehagh, A.** and Baradaran, B. 2013. Induction of apoptosis by grape seed extract (*Vitis vinifera*) in oral squamous cell carcinoma. *Bosnian Journal of Basic Medical Sciences*, 13 (3): 186-191. DOI: 10.17305/bjbms.2013.2360.

- Bandehagh, A.**, Dorani Uliaie, E. and Hosseini Salekdeh, G. 2013. Proteomic analysis of rapeseed (*Brassica napus L.*) seedling roots under salt stress. *Annals of Biological Research*, 2013, 4 (7):212-221.
- Bandehagh, A.**, Motie Noparvar, P. and Dorani Uliaie, E. 2013. Principles of Protein Folding (review). *Journal of Academia and Industrial Research*, 2(4): 216-220.
- Ghassemi Golezani, K., Ghassemi, S. and **Bandehhagh, A.** 2013. Effects of water supply on field performance of chickpea (*Cicerarietinum L.*) cultivars. *International Journal of Agronomy and Plant Production*, 4 (1): 94-97.
- Zare Shahneh, F., Babaloo, Z., Baradaran, B., Hamzavi, F., Bayazi, B. and **Bandehagh, A.** 2013. Behcet's Syndrome in Iranian Azari People. *Pakistan Journal of Biological Sciences*, 15, 1045-1047. DOI: 10.3923/pjbs.2012.1045.1047.
- Zare Shahneh, F., Valiyari, S., Azadmehr, A., Hajiaghaee, R., Yaripour, S., **Bandehagh, A.** and Baradaran, B. 2013. Inhibition of Growth and Induction of Apoptosis in Fibrosarcoma Cell Lines by *Echinophoraplatyloba DC: In Vitro* Analysis. *Advances in Pharmacological Sciences*, 2013, DOI:10.1155/2013/512931.
- Zare Shahneh, F., Valiyari, S., Baradaran, B., Abdolalizadeh, J., **Bandehagh, A.**, Azadmehr, A. and Hajiaghaee, R. 2013. Inhibitory and cytotoxic activities of *Salvia OfficinalisL.* extract on human lymphoma and leukemia cells by induction of apoptosis. *Advanced Pharmaceutical Bulletin*, 3(1): 51-55. DOI: 10.5681/apb.2013.009.
- Zare Shahneh, F., Hamzavi, F., Bayazi, B., **Bandehagh, A.** and Baradaran, B. 2013. New insights into HLA class I association to Behcet's syndrome in Iranian Azari patients. *Autoimmun Highlights*, 4: 101-102. DOI: 10.1007/s13317-013-0047-6.

2012

- Aghaz, M., **Bandehagh, A.**, Toorchi, M. and Ghassemi- gholezani, K. 2012. Response of dill (*Anethumgraveolens*) ecotypes to lead stress. *International Journal of Agriculture and Crop Sciences*, 4(7): 416-420.
- Ghassemi Golezani, K., Akbari, H. and **Bandeh-Hagh, A.** 2012. Effects of plant density and pod position on seed vigour of pinto bean cultivars. *Research on Crops*, 13 (2): 529-533.

2011

- Bandehagh, A.** and Hosseinzadeh Moghbeli, A.H. 2011. Effects of Salinity on Wheat Genotypes and Their Genotype-Salinity Interaction Analysis. *Research on Crops*, 12 (1): 13-19.
- Bandehagh, A.**, Hosseini Salekdeh, Gh., Toorchi, M., Mohammadi, S.A., and Komatsu, S. 2011. Comparative proteomic analysis of canola leaves under salinity stress. *Proteomics*, 11: 1965-1975. DOI: 10.1002/pmic.201000564.
- Heidari, A., Toorchi, M., **Bandehagh, A.** and Shakiba, M.R. 2011. Effect of NaCl Stress on Growth, Water Relations, Organic and Inorganic Osmolytes Accumulation in Sunflower (*Helianthus annuus L.*) Lines. *Universal Journal of Environmental Research and Technology*, 1(3): 351-362.

≤ 2008

- Bandeh-hagh , A.**, Toorchi, M., Mohammadi, S.A., Chaparzadeh, N., Hosseini Salekdeh, Gh. and Kazemnia, H. 2008. Growth and osmotic adjustment of canola genotypes in response to salinity. *Journal of Food, Agriculture and Environment*, 6(2): 201-208.
- Bandehagh, A.**, Kazemi, H., Valizadeh, M., Javanshir, A. and Shafagh, J. 2004. Resistance of some spring wheat genotypes (*Triticumaestivum*) to salinity stress at the germination stage. *Agricultural Science*, 14(4): 133-147.
- Shafagh, J., Tajbakhsh, M., Kazemi, H., Valizadeh, M. and **Bandehagh, A.** 2004. Effect of plant densities on some of growth indices and yield of spring wheat (*Triticumaestivum*). *Agricultural Science*, 14(4): 149-161.
- Bandehagh, A.**, Kazemi, H., Valizadeh, M. and Javanshir, A. 2003. Salt tolerance of spring wheat (*Triticumaestivum*) cultivars during vegetative and reproductive growth. *Iranian Journal of Agricultural Sciences*, 35(1): 61-71.

12. PAPERS PRESENTED AT NATIONAL AND INTERNATIONAL CONFERENCES

2106

Azizi, S., DoraniUliaie, E. and **Bandehagh, A.** 2016. The effect of different components hormone on shooting potential of wheat (*Triticumaestivum*) cultivar Kaskogen. 2th International & 14th National Iranian Crops Science Congress, Aug. 30-Sep. 1, University of Guilan, Rasht, Iran. pp. 1-4.

Malekpour, A., **Bandehagh, A.**, Farajzadeh, D., DoraniUliaie, E. and MotieNoparvar, P. 2016. Proteomic response of sensitive cultivar of canola to *Pseudomonas fluorescense* FY32 under saline condition. The 4th International Congress on Applied Research in Agricultural Science, October 12, TarbiatModares Uni., Tehran, Iran. pp. 1-8.

Porsadeg Zenozi, A.A., DoraniUliaie, E. and **Bandehagh, A.** 2016. The response of immature embryos of spring varieties of wheat (*Triticumaestivum* L.) to callus induction and plant regeneration. 2th International & 14th National Iranian Crops Science Congress, Aug. 30-Sep. 1, University of Guilan, Rasht, Iran. pp. 1-5.

2015

Amanifar, S., Asadi Khalili, N., Toorchi, M., **Bandehagh, A.**, Aliasghar zad, N. and Zarei, M. 2015. Effect of Pb stress on enzymes mediated in amino acid synthesis of tomato root: two-dimensional electrophoresis approaches. 2nd National Conference on Modern Biological Sciences and Technologies, Jan. 29, Uni. of Malayer, Malayer, Iran. pp. 1-6.

Amanifar, S., Asadi Khalili, N., Toorchi, M., **Bandehagh, A.**, Aliasghar zad, N. and Zarei, M. 2015. Effect of glomus fungus on proteins mediated in disease tolerance of tomato: two-dimensional electrophoresis approaches. 2nd National Conference on Modern Biological Sciences and Technologies, Jan. 29, Uni. of Malayer, Malayer, Iran. pp. 1-6.

Amanifar, S., Asadi Khalili, N., Toorchi, M., **Bandehagh, A.**, Aliasghar zad, N. and Zarei, M. 2015. Effect of Pb stress on enzymes mediated in carbohydrate metabolism of mycorrhizal tomato root: two-dimensional electrophoresis approaches. 2nd

- National Conference on Modern Biological Sciences and Technologies, Jan. 29, Uni. of Malayer, Malayer, Iran. pp.1-6.
- Bandehagh, A.**, MotieNoparvar, P. and Heidari, A. 2015. Chlorophyll content and chlorophyll fluorescence in canola cultivars in response to salinity.5th International Conference on Environment and Natural Science (ICENS-2015), October 10, Istanbul, Turkey. pp. 21-24.
- Mokhtari, S., Zehtab Salmasi, S and **Bandehagh, A.** 2015. Evaluation of yield and essential oil of dill (*Anethum graveolens* L.) to mustard (*Brassica juncea* L.) in different intercropping patterns. The 4th National Congress on Medicinal Plants, May 12-13, Tehran, Iran. p. 1.
- Shokri, R., **Bandehagh, A.** and Ghorbani, R.2015. Bioinformatics analysis of sodium-hydrogen antiporter. First International and 9th National Biotechnology Congress, May 24-26, ShahidBeheshti Uni., Tehran, Iran. pp. 1-4.

2014

- Aghababaparvin, M., Ahmadi, A., **Bandehagh, A.** and Sadeghzadehreihan, M.E. 2014. Effect of seeding density on grain yield and yield components of Kimia cultivar of lentil in rainfed condition of Tikmeh-dash region, west Azerbaijan. The Third National Congress on Organic and Conventional Agriculture, August 20-21, University of MohagheghArdabili, Ardabil, Iran. pp. 1-4.
- Ahmadi, A.,Aghababaparvin, M., **Bandehagh, A.** and Sadeghzadehreihan, M.E. 2014. Effect of seeding density on inhabitation of surface runoff in Tikmeh-dash region of east Azerbaijan. The Third National Congress on Organic and Conventional Agriculture, August 20-21, University of MohagheghArdabili, Ardabil, Iran. p. 1.
- Ahmadi, A.,Aghababaparvin, M., **Bandehagh, A.** and Sadeghzadehreihan, M.E. 2014. Roll of rainfed lentil seeding density in natural resource conservation in Tikmeh-dash region. The Third National Congress on Organic and Conventional Agriculture, August 20-21, University of MohagheghArdabili, Ardabil, Iran. pp. 1-4.
- Aziziedargahlu, S., DoraniUliaie, E. and **Bandehagh, A.** 2014. Effect of genotype on callus induction and plant regeneration from mature embryos of wheat

- (*Triticumaestivum*).The First International & 13th Iranian Crop & Plant Breeding Sciences Congress and 3rd Seed Science and Technology Congress, August 26-28,Seed and Plant Improvement Research Institute, Karaj, Iran. pp. 1-3.
- Bandehagh A.** 2014. Analytical approach to environmental ethics in the Holy Quran. The FirstNational Conference on Tourism, Nature and Geography, Feb. 12, Hamedan, Iran. pp. 1-9.
- Bazyar, M., **Bandehagh, A.** and Farajzadeh, D. 2014. Study of proline and metal ions accumulation of canola cultivars root inoculated with the bacterium *Pseudomonas flourescens* FY32 under salt stress. 13th Iranian soil science congress, January 28-30, ShahidChamran University, Ahvaz, Iran. pp. 1-5.
- Jafari, V., Ahmadi, A., **Bandehagh, A.** and Sadeghzadehrehian, M.E. 2014. Effect of rainfed pea seeding density on runoff generation.13th Congress of Soil Science, Soil Sustainability, Sustainable Production, January 28-30, ShahidChamran University.Ahvaz, Iran. pp. 1-4.
- Jahanghir, F.,Valizadeh, M., **Bandehagh, A.**,Ghaffari, M. andBehroozivarjavi, M. 2014. Effect of drought stress and exogenous application of prolineOn superoxide dismutase (SOD) in sunflower hypocotyls.The First International and 13th Iranain Genetics Congress, May 24-26, ShahidBeheshti Uni., Tehran, Iran. pp. 1-5.
- Kazeme Oskuei,B., **Bandehagh, A.** and HeydariF. 2014. Effect of osmotic stress on rapeseed (*Brassica napus*) cultivars inoculated with *Pseudomonas flourescens* FY32bacteria. The First International & 13th Iranian Crop & Plant Breeding Sciences Congress and 3rd Seed Science and Technology Congress, August 26-28,Seed and Plant Improvement Research Institute, Karaj, Iran. pp. 1-4.
- Mirzaie, F., DoraniUliaie, E. and **Bandehagh, A.** 2014.Effects of genotype, explant and plant groth regulators on in vito organogenesis in sunflower.National Conference on Agricultural Scienc and Technology, March 6,Malayer University, Malayer, Iran. pp. 1414-1423.
- Motie Noparvar, P. and **Bandehagh, A.** 2014.Proteome analysis of canola root inoculated with *Pseudomonas flourescens* FY32 under salinity stress. The First International & 13th Iranian Crop & Plant Breeding Sciences Congress and 3rd Seed Science

- and Technology Congress, August 26-28, Seed and Plant Improvement Research Institute, Karaj, Iran. pp. 1-3.
- Mousavi Mirak, S.S., Arzanlou, M., Khakvar, R. and **Bandehagh A.** 2014. Inhibitory potential of fungal antagonism inhibiting rhizosphere of sugar beet. 21th Iranian Plant Protection Congress, Aug. 23-26, Uni. of Urmia, Urmia, Iran. p.1.
- Mousavi Mirak, S.S., Arzanlou, M., Khakvar, R. and **Bandehagh A.** 2014. Inhibitory potential of bacterial antagonism inhibiting rhizosphere of sugar beet. 21th Iranian Plant Protection Congress, Aug. 23-26, Uni. of Urmia, Urmia, Iran. p.1.
- Sarvestani, D., Norouzi, M., Nemati, M., MoghaddamVahed, M., and **Bandehagh A.** 2014. Effect of salt stress on physiological traits of 32 wheat cultivars. The First International & 13th Iranian Crop & Plant Breeding Sciences Congress and 3rd Seed Science and Technology Congress, August 26-28, Seed and Plant Improvement Research Institute, Karaj, Iran. pp. 1-5.
- Sarvestani, D., Norouzi, N., MoghaddamVahed, M., **Bandehagh, A.** and Aharizad, S. 2014. Investigation of Iranian bread wheat cultivars response to salinity in germination and seedling stage. The First International & 13th Iranian Crop & Plant Breeding Sciences Congress and 3rd Seed Science and Technology Congress, August 26-28, Seed and Plant Improvement Research Institute, Karaj, Iran. pp. 1-5.
- Shokri, R. and **Bandehagh, A.** 2014. The evaluation of three dimensional structure of delta- pyrroline-5-carboxylate reductase enzyme in plants. The First International & 13th Iranian Crop & Plant Breeding Sciences Congress and 3rd Seed Science and Technology Congress, August 26-28, Seed and Plant Improvement Research Institute, Karaj, Iran. pp. 1-4.

2013

- Banaei-Asl, F., **Bandeh-hagh, A.**, Dorani-Uliae, E. and Farajzadeh, D. 2013. Effect of inoculation of *Pseudomonas flourescens* FY32 on proline content in different organs of canola cultivars under salt stress. The first national conference on salinity stress in plants and developing strategies for saline agriculture, September 12-13, AzarbaijanShahidMadani University, Tabriz, Iran. pp.851-55.

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