Curriculum Vitae

Personal details:

- **First name:** Ali
- **Last name:** Izanloo
- **Birth date:** 01/09/1973
- **Birth city:** Bojnourd
- **Nationality:** Iran
- **Marital status:** Married, two Children
- **Occupation**: Academic member at the University of Birjand, Faculty of Agriculture, Department of Agronomy and Plant breeding
- **Tel. (Work):** 0563-2254041-9
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Educational Background:

- Ph.D. in Plant Breeding – Biotechnology (2008), Australia Centre for Plant Functional Genomics (ACPFG), University of Adelaide, Adelaide, Australia.
- M.Sc in Plant Breeding (2001), Department of Agronomy and Plant Breeding, Faculty of Agriculture, University of Tehran, Iran.
- B.Sc in Agronomy and Plant Breeding (1998), University of Brijand, Iran.
- Diploma in Experimental Sciences (1994), Shahid Beheshti High-School, Bojnourd, Iran.

Thesis:

- Ph.D. Thesis; "Evaluation of physiological traits and identification of QTLs for drought tolerance in hexaploid wheat (Triticum aestivum L.)"
- M.Sc. dissertation; "Determination of the Suitable Drought Resistance Indices in Commercial Soybeans Varieties"

Expertise and Research Interests:

- Genetic map construction and map curation of hexaploeid wheat
- Identification and analysis of quantitative trait loci (QTL) in plants
- Statistical analysis for spatial variation and QTL analysis

Conference and workshop attendance:

- InterDrought II (Sept. 2005), Rome, Italy. (poster presentation)
- WUMED workshop on water use efficiency in Mediterranean environments (2005), Rome, Italy.
- ACPFG annual Genomic symposium (Nov. 2005), Clare valley, South Australia. (Oral presentation)

- 8th International Congress of Plant Molecular Biology (ISPMB), (2006), Adelaide, Australia. (Poster presentation)
- Transformation workshop (2006), Adelaide, Australia. There was an opportunity to gain a practical and theoretical insight to the technologies used in transformation, tissue culture and genetic engineering.
- Student professional development meeting (2006), Adelaide, Australia.
- International Triticeae Mapping Initiative (ITMI) meeting (2006), Victor harbor, South Australia. (poster presentation)
- Workshop on statistics for plant breeding and QTL analysis (July 2007), Canberra, Australia.

Computational Skills:

- Familiar with applied and statistical software as follows:
  - Microsoft office (Word, Excel, PowerPoint, Access)
  - GenStat, SPSS, Minitab, MstatC, StatGraph,
  - QTLNetwork, QTL Cartographer, MapManager, ORDER and Qgene
  - Endnote

Teaching experience:

- Seed Genetics and Biotechnology M.Sc.
- Micropropagation and Plant tissue culture M.Sc.
- Plant breeding and Biotechnology B.Sc.
- Statistics and Probability B.Sc.
- Experimental Design in Agriculture B.Sc.
- Cell and Molecular Biology B.Sc.

Journal Publications

1. Izanloo A., Norouz-Dokht Nokhandan, S., Zabet M., Ghaderi M., "Allelic distribution of puroindoline genes affecting the grain hardness in some Iranian bread wheat cultivars", Molecular Plant Breeding, Vol. 7, No. 5, PP. 1-8, 2016.
2. Bennett D., **Izanloo A**., Edwards J., Kuchel H., Chalmers K., Tester M., Reynolds M., Schnurbusch T., Langridge P., "Identification of novel quantitative trait loci for days to ear emergence and flag leaf glaucousness in a bread wheat (*Triticum aestivum* L.) population adapted to southern Australian conditions", *Theoretical And Applied Genetics*, Vol. 124, No. 4, PP. 697-711, 2012.
3. Bennett D., **Izanloo A**., Reynolds M., Kuchel H., Langridge P., Schnurbusch T., "Genetic dissection of grain yield and physical grain quality in bread wheat (*Triticum aestivum* L.)

under water-limited environments", *Theoretical And Applied Genetics*, Vol. 125, No. 2, PP. 255-271, 2012.

4. Bennett D., Reynolds M., Mullan D., **Izanloo A**., Kuchel H., Langridge P., Schnurbusch T., "Detection of two major grain yield QTL in bread wheat (*Triticum aestivum* L.) under heat, drought and high yield potential environments", *Theoretical And Applied Genetics*, Vol. 125, No. 2, PP. 1-14, 2012.
5. Reynolds M, Manes Y, **Izanloo A**, Langridge P (2009) Phenotyping approaches for physiological breeding and gene discovery in wheat. *Ann Appl Biol***:** 309–320
6. **Izanloo A**, Condon AG, Langridge P, Tester M, Schnurbusch T (2008) Different mechanisms of adaptation to cyclic water stress in two South Australian bread wheat cultivars. *Journal of Experimental Botany* 59: 3327–3346.
7. Safamanesh, B., S. Esmaeilzadeh Bahabadi, and **Izanloo A.**. 2017. Investigation of Genetic Variation In *Berberis vulgaris* Using ISSR and SSR Molecular Markers. Journal of Cell and Molecular Research; 9 (1): 23-34.
8. Zamani G. R., Shaabani J. and **Izanloo A.** 2017. Silicon Effects on the Growth and Yield of Chickpea under Salinity Stress, International Journal of Agriculture and Biology 19(6):1475–1482
9. **Izanloo A,** Zeinali Khanghah H, Hosseinzadeh AH, Hoseini NM, Sabokdast M (2005) Performance of commercially soybean varieties under water-stress condition at the late reproductive stage. Iranian J. of Agricultural Sci. **36:** 1011-1023
10. Zeinaly Khanghah, H., **Izanloo, A.,** Hosein Zadeh, A.H., and Majnoon Hoseini, N. (2004). Determination of the Suitable Drought Resistance Indices in Commercial Soybeans Varieties. Iran.J.Agr.Sc. **4,** 885-898.

Conference publications:

1. Bennett D, Reynolds M, Mullan D., **Izanloo A**, Kuchel H., Langridge P., Schnurbusch T (2009) Bread wheat and cyclical drought: the genetics and traits behind productivity. In InterDrought III, Shanghai, China
2. Bowne JB, **Izanloo A**, Juttner J, Schnurbusch T, Erwin T, Baumann U, Bacic A, Roessner U (2008) Metabolomics of three wheat cultivars with different drought tolerance. In 5th International conference of plant metablomics (ICPM 2008), Yokohama, Japan, p 165
3. **Izanloo A**, Schnurbusch T, Tester M (2005) Evaluation of physiological traits for identifying key components of drought tolerance in wheat. In InterDrought II, Rome, Italy