# Curriculum Vitae – Hojjat Hasheminasab


- Ph.D. of Plant Breeding and Genetics
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## Personal data

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| Date of Birth | June, 09 1985 |
| Place of Birth | Rafsanjan, Iran |
| Nationality | Iranian |

## University education

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| BSc | Agronomy and Plant Breeding, University of Shahid Bahonar, Iran. |
| MSc | Plant Breeding, University of Shiraz, Iran. |
| PhD | Plant Breeding and Genetics, University of Razi, Iran. |

## Awards and Honours

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| 2014 | Selected as distinguished expert (Grade A) by Agriculture and Natural Resources Engineering Disciplinary Organization of Iran. |
| 2014 | Selected as Entrepreneur of Rafsanjan City, Iran. |
| 2013 | Selected as the best researcher of Razi University. |
| 2012 | Distinguished graduate of Shiraz University. |

## Research Interests

Plant Breeding, Plant Genetics, Plant Physiology, Plant Biochemistry, Plant Proteomics, Environmental Stresses, Drought Tolerance, Water Relations and Plant Hormone Interactions.

## Editorial Board Member:

- The Journal of Dynamics in Agricultural Research (JDAR)

## Membership of Scientific Societies

- Agriculture and Natural Resources Engineering Disciplinary Organization of Iran from 2009 to present.
- Iranian Society of Plant Physiology from 2011 to present.
- Iranian Society of Book from 2012 to present.
- Iranian Society of Plant Proteomics from 2011 to present.

## Reviewer for:

- Rice Science.
- Annual Review & Research in Biology.
- Journal of Crop Production and Plant Breeding.
- International Research Journal of Agricultural Sciences (IRJAS).
- Journal of Organic Systems.
- International Journal of Agricultural Policy and Research.
- International Journal of Plant & Soil Science.
- International Journal of Agricultural Management and Development.
- Greener Journal of Agricultural Sciences (GJAS).
- The Journal of Dynamics in Agricultural Research (JDAR).
- World Journal of Agricultural Sciences
- Resources and Environment.
- International Journal of Agriculture and Forestry.
- American Journal of Experimental Agriculture.
- Journal of Biology and Nature.

## Publication

1. **Hasheminasab H**, Assad MT, Aliakbari A, Sahhafi SR (**2012**) Influence of Drought Stress on Oxidative Damage and Antioxidant Defense Systems in Tolerant and Susceptible Wheat Genotypes. Journal of Agricultural Science 4: 20-30
2. **Hasheminasab H**, Assad MT, Aliakbari A, Sahhafi SR (**2012**) Evaluation of Some Physiological Traits Associated with Improved Drought Tolerance in Iranian Wheat. Annals of Biological Research 3(4):1719-1725
3. **Hasheminasab H**, Farshadfar E, Yaghotipoor A (**2013**) Investigation of Water Retention Capacity (WRC) as a New Physiological Indicator Related to Plant Water

Status for Screening Drought Tolerant Genotypes in Wheat. Journal of Biodiversity and Environmental Sciences 3: 133-145

4. **Hasheminasab H**, Aliakbari A, Aliakbari A, Baniasadi R (**2014**) Optimizing the Relative Water Protection (RWP) as Novel Approach for Monitoring Drought Tolerance in Iranian Pistachio Cultivars Using Graphical Analysis. International Journal of Biosciences 4(1): 194-204
5. **Hasheminasab H**, Farshadfar E, Varvani H (**2014**) Application of Physiological Traits Related to Plant Water Status for Predicting Yield Stability in Wheat under Drought Stress Condition. Annual Review & research in Biology 4(5): 778-789
6. Farshadfar E, **Hasheminasab H (2012**) Investigating the Combining Ability and Genetic Constitution of Physiological Indicators of Drought Tolerance in Bread Wheat (*Triticum aestivum* L.) Using GGE Biplot Methods. International Journal of Plant Breeding 6(2): 121-128
7. Farshadfar E, **Hasheminasab H**, Yaghotipoor A (**2012**) Estimation of Combining Ability and Gene Action for Improvement Drought Tolerance in Bread Wheat (*Triticum aestivum* L.) Using GGE Biplot Techniques. Journal of Agricultural Science 4: 1-10
8. Farshadfar E, Rafiee F, **Hasheminasab H** (**2013**) Evaluation of Genetic Parameters of Morpho-Physiological Indicators of Drought Tolerance in Bread Wheat (*Triticum aestivum* L.) Using Diallel Mating Design. Australian Journal of Crop Science 7(2) 268-275
9. Saed-Moucheshi A, Fasihfar E, **Hasheminasab H**, Rahmani A, Ahmadi A (**2013**) A Review on Applied Multivariate Statistical Techniques in Agriculture and Plant Science. International journal of Agronomy and Plant Production 4 (1): 127-141
10. Mozaffarii V, Pakniyat H, **Hasheminasab H** (**2013**) Differential changes in antioxidants activity and water use efficiency in maize hybrids under drought stress conditions. Physiology and Molecular Biology of Plants. International Journal of Farming and Allied Sciences 2: 277-281
11. Farshadfar E, **Hasheminasab H** (**2013**) Biplot Analysis for Detection of Heterotic Crosses and Estimation of Additive and Dominance Components of Genetic Variation for Drought Tolerance in Bread Wheat (*Triticum aestivum* L.). Agricultural Communications 1(1): 1-7
12. Farshadfar E, **Hasheminasab H**, Elyasi P (**2013**) Incorporation of Agronomic and Physiological Indicators of Drought Tolerance in a Single Integrated Selection Index for Screening Drought Tolerant Landraces of Bread Wheat Genotypes. International Journal of Agronomy And Plant Production 4(12): 3314-3325
13. Saed-Moucheshi A, **Hasheminasab H**, Khaledian Z, Pessarakli M (**2013**) Physiological Relationship Among Drought Resistance Related Traits in Wheat Genotypes Using Multivariate Techniques. Journal of Plant Nutrition. In press
14. Aliakbari M, Saed-Mucheshi A, **Hasheminasab H**, Assad MT, Pirasteh-Anousheh1 H, Emam Y (**2013**) Suitable Stress Indices for Screening Resistant Wheat Genotypes under Water Deficit Conditions. Journal of Agronomy And Plant Production 4(10): 2665-2672

15. Farshadfar E, **Hasheminasab H** (**2013**) Chromosomal Location of the Genes Controlling Yield Stability in Wheat Using Component and Path Analysis. Journal of Crop Science and Biotechnology. Journal of Crop Science and Biotechnology. Accept with Revision.
16. **Hasheminasab H**, Assad MT, Varvani H (**2014**) Investigation of the Relationship between Crop Water Stress Index (CWSI) and Physiological Traits of Wheat under Drought Condition. The Crop Journal. Accept with Revision
17. **Hasheminasab H**, Assad MT, Saed-Mucheshi A (**2013**) A Model for Predicting Yield Stability Using Physio-Biochemical Traits in Wheat Genotypes under Drought Stress Condition. Turkish Journal of Agricultural and Forest. Under Review
18. Aliakbari Sadeghabad A, Dadkhodaie A, **Hasheminasab H** (**2013**) Physio-Biochemical Responses of Wheat Genotypes to Drought Stress. Cereal Crops Research. Under Review
19. **Hasheminasab H**, Assad MT, Mozaffari V, Pasalari V (**2014**) Development of biochemical traits associated with antioxidant defense systems and oxidative damage as predictor variables for modeling wheat yield stability under drought stress condition. Field Crop Research. Under Review.
20. Rahimi A, **Hasheminasa H** (2014) Predicting honey production based on morphological characteristics of honey bee (Apis mellifera L.) using multiple regression model. Ecology, Environment and Conservation. 15(1): 1-11.
21. **Hasheminasab H**, Assad MT, Imam Y, Kamgar AA, Razi H, Kazemaini SAR (2011) Evaluation of proline and total protein changes in different growth stages of wheat in relation to drought stress. National Congress of Proteomics, Shiraz. Page 244.
22. **Hasheminasab H**, Assad MT, Imam Y, Kamgar AA, Razi H, Kazemaini SAR (2011) Effect of drought stress on antioxidant enzyme activity in Iranian wheat cultivars. National Congress of Proteomics, Shiraz. Page 245.
23. **Hasheminasab H**, Assad MT, Imam Y, Kamgar AA, Razi H, Kazemaini SAR (2011) Investigating the relationship between proline and some antioxidant enzymes and stress tolerance index (STI) in Iranian wheat cultivars response to drought stress. National Congress of Proteomics, Shiraz. Page 246.
24. **Hasheminasab H**, Assad MT, Imam Y, Kamgar AA, Razi H, Kazemaini SAR (2012) Compared the physiological and biochemical responses of resistant and susceptible cultivars of Iranian wheat in drought conditions and their relation with indicators drought tolerance. Congress of Plant Physiology, Yazd. Page 515. Page 516.
25. **Hasheminasab H**, Assad MT, Imam Y, Kamgar AA, Razi H, Kazemaini SAR (201) The relationship between crop water stress index (CWSI) and some photosynthetic parameters and water use efficiency (WUE) and grain yield under drought stress in wheat plant Physiology conference, Yazd. Page 517.
26. **Hasheminasab H**, Assad MT, Imam Y, Kamgar AA, Razi H, Kazemaini SAR (2012) Evaluation of physiological traits affecting drought resistance in 20 wheat cultivars

(*Triticum aestivum* L.) and pasta ( Triticum turgidum L.). National Seminar on New Issues in Agricultural, Saveh. Page 235-230.

27. **Hasheminasab H**, Assad MT, Imam Y, Kamgar AA, Razi H, Kazemaini SAR (2012) Estimation of leaf water retention (RWP) as a new index compared with other metrics to select and communicate effectively its sustainability performance indicators in Iranian wheat cultivars. National Seminar on New Issues in Agricultural, Saveh. Page 239-235.
28. **Hasheminasab H**, Assad MT, Imam Y, Kamgar AA, Razi H, Kazemaini SAR (2012) Effect of drought stress on antioxidant enzyme activity and cell membrane Lypydasyvn in 20 Iranian wheat cultivars. Congress of Plant Physiology, Yazd.
29. **Hasheminasab H**, Assad MT, Imam Y, Kamgar AA, Razi H, Kazemaini SAR (2012) Evaluation of cell death and the parameters associated with the reduction in grain yield under drought stress and its relation to the figures Iranian wheat. National Seminar on New Issues in Agricultural, Saveh. Page 244-239.
30. Soleimani M, **Hasheminasab H**, Kasrai M (2011) Effect of wheat on the nose combine grain loss. National Conference of mechanization and new technologies, Ahvaz. Page 8-1.

**With Best Regards**
**Hojjat Hasheminasab**