

# Reza Mohammadi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72  
papers

843  
citations

16  
h-index

25  
g-index

75  
ext. papers

1,081  
ext. citations

1.7  
avg, IF

4.75  
L-index

#	Paper	IF	Citations
72	Assessment of the occurrence of climate change and its effects on planting date and growth duration of rainfed wheat in the western and northwestern regions of Iran. <i>Paddy and Water Environment</i> , <b>2022</b> , 20, 241	1.6	
71	Agronomic Performance of Rainfed Barley Genotypes under Different Tillage Systems in Highland Areas of Dryland Conditions. <i>Agronomy</i> , <b>2022</b> , 12, 1070	3.6	1
70	Assessment of the suitability of Triticum turgidum accessions for incorporation into a durum wheat breeding program. <i>Euphytica</i> , <b>2022</b> , 218, 1	2.1	
69	Performance of Rainfed Bread and Durum Wheat Cultivars Under Different Tillage Options in Wheat-Based Dryland Cropping Systems. <i>International Journal of Plant Production</i> , <b>2021</b> , 15, 273-289	2.4	0
68	Integrating univariate and multivariate statistical models to investigate genotype × environment interaction in durum wheat. <i>Annals of Applied Biology</i> , <b>2021</b> , 178, 450-465	2.6	4
67	The study of genetic diversity in a minicore collection of durum wheat genotypes using agro-morphological traits and molecular markers. <i>Cereal Research Communications</i> , <b>2021</b> , 49, 141-147	1.1	1
66	Grouping patterns of rainfed winter wheat test locations and the role of climatic variables. <i>Euphytica</i> , <b>2021</b> , 217, 1	2.1	1
65	Biological interpretation of genotype × environment interaction in rainfed durum wheat. <i>Cereal Research Communications</i> , <b>2020</b> , 48, 547-554	1.1	5
64	Evaluation of genotype × environment interaction in durum wheat (Triticum turgidum var. durum L.) regional yield trials. <i>Iranian Society of Crops and Plant Breeding Sciences</i> , <b>2020</b> , 22, 15-31	0	0
63	Study on Adaptability and Grain Yield Stability of Durum Wheat Genotypes. <i>Journal of Crop Breeding</i> , <b>2020</b> , 12, 119-126	0.1	0
62	Effects of Drought Stress on Some Agronomic and Morpho-Physiological Traits in Durum Wheat Genotypes. <i>Sustainability</i> , <b>2020</b> , 12, 5610	3.6	18
61	The use of a combination scoring index to improve durum productivity under drought stress. <i>Experimental Agriculture</i> , <b>2020</b> , 56, 161-170	1.7	4
60	Large-Area 3D Plasmonic Crescents with Tunable Chirality. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 18017708.1		12
59	Determining the best drought tolerance indices using Artificial Neural Network (ANN): Insight into application of intelligent agriculture in agronomy and plant breeding. <i>Cereal Research Communications</i> , <b>2019</b> , 47, 170-181	1.1	14
58	AGRO-PHYSIOLOGICAL CHARACTERIZATION OF DURUM WHEAT GENOTYPES UNDER DROUGHT CONDITIONS. <i>Experimental Agriculture</i> , <b>2019</b> , 55, 484-499	1.7	9
57	Study of Grain Yield and Agro-Physiological Characteristics of Some Promising Rainfed Bread Wheat Genotypes under No-Till Condition. <i>Journal of Crop Breeding</i> , <b>2019</b> , 11, 207-217	0.1	1
56	Genotype by Yield*Trait Biplot for Genotype Evaluation and Trait Profiles in Durum Wheat. <i>Cereal Research Communications</i> , <b>2019</b> , 47, 541-551	1.1	10

55	Breeding for increased drought tolerance in wheat: a review. <i>Crop and Pasture Science</i> , <b>2018</b> , 69, 223	2.2	20
54	Applicability of CAAT box-derived polymorphism (CBDP) markers for analysis of genetic diversity in durum wheat. <i>Cereal Research Communications</i> , <b>2018</b> , 46, 1-9	1.1	13
53	THE USE OF AMMI MODEL FOR INTERPRETING GENOTYPE × ENVIRONMENT INTERACTION IN DURUM WHEAT. <i>Experimental Agriculture</i> , <b>2018</b> , 54, 670-683	1.7	17
52	Evaluation of Sardari bread wheat ecotypes under the rainfed cold conditions of Iran. <i>Journal of Agricultural Science</i> , <b>2018</b> , 156, 504-514	1	3
51	A maximin-minimax approach for identifying drought tolerant genotypes based on yield potential and loss in durum wheat. <i>Cereal Research Communications</i> , <b>2018</b> , 46, 545-557	1.1	2
50	Comparative Analysis of Statistical Models for Evaluating Genotype × Environment Interaction in Rainfed Safflower. <i>Agricultural Research</i> , <b>2017</b> , 6, 455-465	1.4	6
49	GGE biplot and AMMI analysis of barley yield performance in Iran. <i>Cereal Research Communications</i> , <b>2017</b> , 45, 500-511	1.1	28
48	Interpretation of genotype × year interaction in rainfed durum wheat under moderate cold conditions of Iran. <i>New Zealand Journal of Crop and Horticultural Science</i> , <b>2017</b> , 45, 55-74	0.9	4
47	Caregiver-related predictors of thermal burn injuries among Iranian children: A case-control study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170982	3.7	15
46	Evaluation of durum wheat genotypes based on drought tolerance indices under different levels of drought stress. <i>Journal of Agricultural Sciences (Belgrade)</i> , <b>2017</b> , 62, 1-14	0.1	3
45	Applicability of start codon targeted (SCoT) and inter-simple sequence repeat (ISSR) markers for genetic diversity analysis in durum wheat genotypes. <i>Biotechnology and Biotechnological Equipment</i> , <b>2016</b> , 30, 1075-1081	1.6	52
44	Efficiency of yield-based drought tolerance indices to identify tolerant genotypes in durum wheat. <i>Euphytica</i> , <b>2016</b> , 211, 71-89	2.1	33
43	Path analysis of genotype × Environment interactions in rainfed durum wheat. <i>Plant Production Science</i> , <b>2016</b> , 19, 43-50	2.4	5
42	Breeding and Genetic Enhancement of Dryland Crops <b>2016</b> , 257-296		1
41	Comparison of rank-based stability statistics for grain yield in rainfed durum wheat. <i>New Zealand Journal of Crop and Horticultural Science</i> , <b>2016</b> , 44, 25-40	0.9	4
40	Genotype x Environment Interaction Implication: A Case Study of Durum Wheat Breeding in Iran <b>2016</b> , 515-558		1
39	Characterization of tetraploid wheat landraces for cold tolerance and agronomic traits under rainfed conditions of Iran. <i>Journal of Agricultural Science</i> , <b>2015</b> , 153, 631-645	1	2
38	Interpreting genotype × Environment interactions for grain yield of rainfed durum wheat in Iran. <i>Crop Journal</i> , <b>2015</b> , 3, 526-535	4.6	23

37	Field evaluation of durum wheat landraces for prevailing abiotic and biotic stresses in highland rainfed regions of Iran. <i>Crop Journal</i> , <b>2015</b> , 3, 423-433	4.6	13
36	Rank correlation among different statistical models in ranking of winter wheat genotypes. <i>Crop Journal</i> , <b>2014</b> , 2, 154-163	4.6	22
35	Adaptation Patterns and Yield Stability of Durum Wheat Landraces to Highland Cold Rainfed Areas of Iran. <i>Crop Science</i> , <b>2014</b> , 54, 944-954	2.4	25
34	Phenotypic plasticity of yield and related traits in rainfed durum wheat. <i>Journal of Agricultural Science</i> , <b>2014</b> , 152, 873-884	1	2
33	Genotype $\times$ Environment interaction and genetic improvement for yield and yield stability of rainfed durum wheat in Iran. <i>Euphytica</i> , <b>2013</b> , 192, 227-249	2.1	48
32	Phenotypic diversity and relationships among a worldwide durum wheat ( <i>Triticum turgidum</i> L. var. durum) germplasm collection under rainfed conditions of Iran. <i>Crop and Pasture Science</i> , <b>2013</b> , 64, 87	2.2	5
31	Analysis of Multi-Environment Trials of Rainfed Barley in Warm Regions of Iran. <i>Journal of Crop Improvement</i> , <b>2012</b> , 26, 503-519	1.4	2
30	Analysis of genotype $\times$ Environment interaction in rain-fed durum wheat of Iran using GGE-biplot and non-parametric methods. <i>Canadian Journal of Plant Science</i> , <b>2012</b> , 92, 757-770	1	8
29	Genetic gain in grain yield and drought tolerance of durum wheat breeding lines under rainfed conditions in Iran. <i>Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science</i> , <b>2012</b> , 60, 417-432		2
28	Identifying superior rainfed barley genotypes in farmers' fields using participatory varietal selection. <i>Journal of Crop Science and Biotechnology</i> , <b>2011</b> , 14, 281-288	1.2	2
27	Genotype $\times$ environment interaction for durum wheat grain yield and selection for drought tolerance in irrigated and droughted environments in Iran. <i>Journal of Crop Science and Biotechnology</i> , <b>2011</b> , 14, 265-274	1.2	7
26	Analysis of Genotype-by-Environment Interaction for Agronomic Traits of Durum Wheat in Iran. <i>Plant Production Science</i> , <b>2011</b> , 14, 15-21	2.4	13
25	Evaluation of durum wheat experimental lines under different climate and water regime conditions of Iran. <i>Crop and Pasture Science</i> , <b>2011</b> , 62, 137	2.2	30
24	Graphic Analysis of Trait Relations and Genotype Evaluation in Durum Wheat. <i>Journal of Crop Improvement</i> , <b>2011</b> , 25, 680-696	1.4	16
23	Genotype $\times$ Environment Interactions for Grain Yield in Rainfed Winter Wheat Multi-Environment Trials in Iran. <i>Agronomy Journal</i> , <b>2010</b> , 102, 1500-1510	2.2	8
22	Yield stability of rainfed durum wheat and GGE biplot analysis of multi-environment trials. <i>Crop and Pasture Science</i> , <b>2010</b> , 61, 92	2.2	48
21	Relationships of phenotypic stability measures for genotypes of three cereal crops. <i>Canadian Journal of Plant Science</i> , <b>2010</b> , 90, 819-830	1	15
20	Analysis of genotype-by-environment interaction for grain yield of rainfed durum wheat genotypes in warm winter areas of Iran. <i>Journal of Crop Science and Biotechnology</i> , <b>2010</b> , 13, 267-274	1.2	7

19	Biplot Analysis of Rainfed Barley Multienvironment Trials in Iran. <i>Agronomy Journal</i> , <b>2009</b> , 101, 789-796	2.2	8
18	Study of androgenesis and spontaneous chromosome doubling in barley ( <i>Hordeum vulgare</i> L.) genotypes using isolated microspore culture. <i>Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science</i> , <b>2009</b> , 57, 155-164		15
17	Estimation, interrelationships and repeatability of genetic variability parameters in spring safflower using multi-environment trial data. <i>Euphytica</i> , <b>2009</b> , 165, 313-324	2.1	12
16	Pattern analysis of genotype-by-environment interaction for grain yield in durum wheat. <i>Journal of Agricultural Science</i> , <b>2009</b> , 147, 537-545	1	13
15	Stability analysis of seed yield in safflower genotypes in Iran. <i>Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science</i> , <b>2009</b> , 57, 185-195		1
14	Analysis of Genotype $\times$ Environment Interactions for Grain Yield in Durum Wheat. <i>Crop Science</i> , <b>2009</b> , 49, 1177-1186	2.4	10
13	Genetic Variability of Some Morpho-Physiological Traits in Durum Wheat ( <i>Triticum turgidum</i> var. Durum). <i>Journal of Applied Sciences</i> , <b>2009</b> , 9, 1383-1387	0.3	29
12	Grain yield stability of spring safflower ( <i>Carthamus tinctorius</i> L.). <i>Australian Journal of Agricultural Research</i> , <b>2008</b> , 59, 546		8
11	Comparison of parametric and non-parametric methods for selecting stable and adapted durum wheat genotypes in variable environments. <i>Euphytica</i> , <b>2008</b> , 159, 419-432	2.1	83
10	Interpreting genotype $\times$ environment interactions for durum wheat grain yields using nonparametric methods. <i>Euphytica</i> , <b>2007</b> , 157, 239-251	2.1	39
9	Identification of Stability and Adaptability in Advanced Durum Genotypes Using AMMI Analysis. <i>Asian Journal of Plant Sciences</i> , <b>2007</b> , 6, 1261-1268	0.6	6
8	Evaluation of Safflower ( <i>Carthamus</i> spp.) Genotypes in Multi-Environment Trials by Nonparametric Methods. <i>Asian Journal of Plant Sciences</i> , <b>2007</b> , 6, 827-832	0.6	6
7	Use of Stability Parameters for Comparing Safflower Genotypes in Multi-Environment Trials. <i>Asian Journal of Plant Sciences</i> , <b>2007</b> , 7, 100-104	0.6	4
6	Locating QTLs controlling field and laboratory predictors of drought tolerance in <i>Agropyron</i> using multiple selection index. <i>Cereal Research Communications</i> , <b>2004</b> , 32, 17-24	1.1	3
5	Identification of QTLs involved in physiological and agronomic indicators of drought tolerance in rye using a multiple selection index. <i>Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science</i> , <b>2003</b> , 51, 419-428		6
4	Locating QTLs controlling drought tolerance criteria in rye using disomic addition lines. <i>Cereal Research Communications</i> , <b>2003</b> , 31, 257-264	1.1	10
3	Association between field and laboratory predictors of drought tolerance in wheat disomic addition lines. <i>Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science</i> , <b>2002</b> , 50, 377-381		3
2	Assessment of genetic and agro-physiological diversity in a global durum wheat germplasm. <i>Cereal Research Communications</i> , <b>2002</b> , 30, 1-10	1.1	1

- 1 Genetic resources for enhancing drought tolerance from a mini-core collection of spring bread wheat (*Triticum aestivum* L.). *Acta Scientiarum - Agronomy*,44, e56129 0.6 0