Babak Rabiei

List of Publications by Year
in descending order

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44 papers	645 citations	567281 15 h-index	610901 24 g-index
44 all docs	44 docs citations	44 times ranked	902 citing authors

#	Article	IF	Citations
1	Genetic diversity of Aegilops tauschii accessions and its relationship with tetraploid and hexaploid wheat using retrotransposon-based molecular markers. Cereal Research Communications, 2022, 50, 219-226.	1.6	2
2	Investigation of gene effects on fruit shape index and seed size in generations resulting from the crossing of Zucchini and hull-less seed Pumpkin. Euphytica, 2021, 217, 1.	1.2	1
3	Association analysis, genetic diversity and population structure of barley (Hordeum vulgare L.) under heat stress conditions using SSR and ISSR markers linked to primary and secondary metabolites. Molecular Biology Reports, 2021, 48, 6673-6694.	2.3	6
4	QTLs detection for mohair traits in Iranian Angora goats (Markhoz goats). Small Ruminant Research, 2021, 202, 106460.	1.2	1
5	Optimizing Seed Germination and Seedling Growth in Different Kiwifruit Genotypes. Horticulturae, 2021, 7, 314.	2.8	8
6	Effect of silver nano particles and 8-hydroxyquinoline citrate on the longer life of cut Gerbera (Gerbera jamesonii) 'Sunway' flowers. Scientia Horticulturae, 2021, 289, 110474.	3.6	4
7	Association mapping of traits related to leaf blast disease in rice (Oryza sativa L.). Australasian Plant Pathology, 2020, 49, 31-43.	1.0	1
8	Four genetic loci control compact plant size with yellow pearâ€shaped fruit in ornamental tomato (Solanum lycopersicumL.). Plant Genome, 2020, 13, e20017.	2.8	9
9	Identification of Fusarium wilt resistance sources in melon (Cucumis melo L.) landraces of Iran using marker-assisted selection technique. Australasian Plant Pathology, 2020, 49, 413-423.	1.0	2
10	Biotechnological Production of Flavonoids: An Update on Plant Metabolic Engineering, Microbial Host Selection, and Genetically Encoded Biosensors. Biotechnology Journal, 2020, 15, e1900432.	3.5	35
11	Association Analysis of Charcoal Rot Disease Resistance in Soybean. Plant Pathology Journal, 2019, 35, 189-199.	1.7	8
12	Selection and validation of reference genes for quantitative real-time PCR in Rosmarinus officinalis L. in various tissues and under elicitation. Biocatalysis and Agricultural Biotechnology, 2019, 20, 101246.	3.1	10
13	Identification of key genes involved in the biosynthesis of triterpenic acids in the mint family. Scientific Reports, 2019, 9, 15826.	3.3	22
14	Phylogenetic relationships and genetic diversity of landrace populations of thyme (Thymus spp.) of Iran using AFLP markers and GCâ€“MS. Revista Brasileira De Botanica, 2019, 42, 613-621.	1.3	7
15	Statistical analysis of phenotypic traits of rice (Oryza sativa L.) related to grain yield under neck blast disease. Journal of Plant Diseases and Protection, 2019, 126, 293-306.	2.9	5
16	Salinity Stress Tolerance in Plants: Physiological, Molecular, and Biotechnological Approaches. , 2019, , 101-127.		10
17	Genetic diversity of Iranian rice recombinant inbred lines at the reproductive stage in normal conditions and salinity. Plant Genetic Researches, 2019, 6, 69-86.	0.1	2
18	Genetic Variation and Association Analysis of the SSR Markers Linked to the Major Drought-Yield QTLs of Rice. Biochemical Genetics, 2018, 56, 356-374.	1.7	19

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19	The expression of monoterpene synthase genes and their respective end products are affected by gibberellic acid in Thymus vulgaris. Journal of Plant Physiology, 2018, 230, 101-108.	3.5	5
20	Different physiobiochemical and transcriptomic reactions of rice (Oryza sativa L.) cultivars differing in terms of salt sensitivity under salinity stress. Environmental Science and Pollution Research, 2017, 24, 7184-7196.	5.3	21
21	Biochemical, physiological and molecular evaluation of rice cultivars differing in salt tolerance at the seedling stage. Physiology and Molecular Biology of Plants, 2017, 23, 529-544.	3.1	43
22	PCR optimization and allele distribution of SNAC1 gene coding region in rice (Oryza sativa L.). Agri Gene, 2017, 4, 30-36.	1.9	0
23	Evaluation of pre-harvest foliar calcium applications on â€˜Fujiâ€™ apple fruit quality during cold storage. Australian Journal of Crop Science, 2017, 11, 228-233.	0.3	3
24	Association analysis, genetic diversity and haplotyping of rice plants under salt stress using SSR markers linked to SalTol and morpho-physiological characteristics. Plant Systematics and Evolution, 2016, 302, 871-890.	0.9	30
25	Analysis and comparison of fragrant gene sequence in some rice cultivars. Genetika, 2016, 48, 597-607.	0.4	1
26	Combining ability and heritability of selected rice varieties for grain yield, its components and grain quality characters. Genetika, 2015, 47, 559-570.	0.4	3
27	Identification of molecular markers linked to saltâ€tolerant genes at germination stage of rice. Plant Breeding, 2014, 133, 196-202.	1.9	26
28	Molecular characterization and genetic diversity analysis of different rice cultivars by microsatellite markers. Genetika, 2014, 46, 187-198.	0.4	9
29	Mapping of QTLs for Germination Characteristics under Non-stress and Drought Stress in Rice. Rice Science, 2013, 20, 391-399.	3.9	13
30	Biochemical systematic, population structure and genetic variability studies among Iranian Cucurbita (Cucurbita pepo L.) accessions, using genomic SSRs and implications for their breeding potential. Biochemical Systematics and Ecology, 2013, 50, 187-198.	1.3	15
31	Mapping QTLs for Traits Related to Salinity Tolerance at Seedling Stage of Rice (Oryza sativaL.): An Agrigenomics Study of an Iranian Rice Population. OMICS A Journal of Integrative Biology, 2013, 17, 242-251.	2.0	67
32	Differentiation by Simplified AFLP of Pseudomonas Syringe Pv. Syringae Isolates from Fields, Panicles and Nurseries of the Guilan Province - Iran. Journal of Plant Protection Research, 2012, 52, .	1.0	0
33	Griffing's Methods Comparison for General and Specific Combining Ability in Cucumber. Scientific World Journal, The, 2012, 2012, 1-4.	2.1	19
34	Characterising the genetic diversity of Pseudomonas syringae pv. syringae isolated from rice and wheat in Iran. Plant Protection Science, 2012, 48, 162-169.	1.4	3
35	Effect of land use and topography on soil properties and agronomic productivity on calcareous soils of a semiarid region, Iran. Land Degradation and Development, 2012, 23, 496-504.	3.9	24
36	Dominant variance has an important role in downy mildew resistance in cucumber. Horticulture Environment and Biotechnology, 2011, 52, 422-426.	2.1	3

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37	Impacts of flushing and fermentation times on the quality of black tea. Genetika, 2011, 43, 537-548.	0.4	17
38	Identification and mapping of QTLs for agronomic traits inindica â€" indicacross of rice (Oryza sativaL.). Cereal Research Communications, 2010, 38, 317-326.	1.6	8
39	Identification of AFLP markers linked with cocoon weight genes in silkworm (Bombyx mori L.). African Journal of Biotechnology, 2010, 9, 1427-1433.	0.6	1
40	Amplified Fragment Length Polymorphism Mapping of Quantitative Trait Loci for Economically Important Traits in the Silkworm,Bombyx mori. Journal of Insect Science, 2010, 10, 1-21.	1.5	9
41	Improvement of nitrogen management in rice paddy fields using chlorophyll meter (SPAD). Paddy and Water Environment, 2008, 6, 181-188.	1.8	61
42	Use of Selection Indices Based on Multivariate Analysis for Improving Grain Yield in Rice. Rice Science, 2008, 15, 303-310.	3.9	23
43	Identification of QTLs for rice grain size and shape of Iranian cultivars using SSR markers. Euphytica, 2004, 137, 325-332.	1.2	53
44	Evaluation of selection indices for improving rice grain shape. Field Crops Research, 2004, 89, 359-367.	5.1	36