

Babak Rabiei

List of Publications by Year in descending order

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645
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44
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902
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping QTLs for Traits Related to Salinity Tolerance at Seedling Stage of Rice (<i>Oryza sativa</i> L.): An Agrigenomics Study of an Iranian Rice Population. <i>OMICS A Journal of Integrative Biology</i> , 2013, 17, 242-251.	2.0	67
2	Improvement of nitrogen management in rice paddy fields using chlorophyll meter (SPAD). <i>Paddy and Water Environment</i> , 2008, 6, 181-188.	1.8	61
3	Identification of QTLs for rice grain size and shape of Iranian cultivars using SSR markers. <i>Euphytica</i> , 2004, 137, 325-332.	1.2	53
4	Biochemical, physiological and molecular evaluation of rice cultivars differing in salt tolerance at the seedling stage. <i>Physiology and Molecular Biology of Plants</i> , 2017, 23, 529-544.	3.1	43
5	Evaluation of selection indices for improving rice grain shape. <i>Field Crops Research</i> , 2004, 89, 359-367.	5.1	36
6	Biotechnological Production of Flavonoids: An Update on Plant Metabolic Engineering, Microbial Host Selection, and Genetically Encoded Biosensors. <i>Biotechnology Journal</i> , 2020, 15, e1900432.	3.5	35
7	Association analysis, genetic diversity and haplotyping of rice plants under salt stress using SSR markers linked to SalTol and morpho-physiological characteristics. <i>Plant Systematics and Evolution</i> , 2016, 302, 871-890.	0.9	30
8	Identification of molecular markers linked to salt-tolerant genes at germination stage of rice. <i>Plant Breeding</i> , 2014, 133, 196-202.	1.9	26
9	Effect of land use and topography on soil properties and agronomic productivity on calcareous soils of a semiarid region, Iran. <i>Land Degradation and Development</i> , 2012, 23, 496-504.	3.9	24
10	Use of Selection Indices Based on Multivariate Analysis for Improving Grain Yield in Rice. <i>Rice Science</i> , 2008, 15, 303-310.	3.9	23
11	Identification of key genes involved in the biosynthesis of triterpenic acids in the mint family. <i>Scientific Reports</i> , 2019, 9, 15826.	3.3	22
12	Different physiobiochemical and transcriptomic reactions of rice (<i>Oryza sativa</i> L.) cultivars differing in terms of salt sensitivity under salinity stress. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7184-7196.	5.3	21
13	Griffing's Methods Comparison for General and Specific Combining Ability in Cucumber. <i>Scientific World Journal</i> , The, 2012, 2012, 1-4.	2.1	19
14	Genetic Variation and Association Analysis of the SSR Markers Linked to the Major Drought-Yield QTLs of Rice. <i>Biochemical Genetics</i> , 2018, 56, 356-374.	1.7	19
15	Impacts of flushing and fermentation times on the quality of black tea. <i>Genetika</i> , 2011, 43, 537-548.	0.4	17
16	Biochemical systematic, population structure and genetic variability studies among Iranian Cucurbita (<i>Cucurbita pepo</i> L.) accessions, using genomic SSRs and implications for their breeding potential. <i>Biochemical Systematics and Ecology</i> , 2013, 50, 187-198.	1.3	15
17	Mapping of QTLs for Germination Characteristics under Non-stress and Drought Stress in Rice. <i>Rice Science</i> , 2013, 20, 391-399.	3.9	13
18	Selection and validation of reference genes for quantitative real-time PCR in <i>Rosmarinus officinalis</i> L. in various tissues and under elicitation. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 20, 101246.	3.1	10

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19	Salinity Stress Tolerance in Plants: Physiological, Molecular, and Biotechnological Approaches. , 2019, , 101-127.		10
20	Amplified Fragment Length Polymorphism Mapping of Quantitative Trait Loci for Economically Important Traits in the Silkworm, <i>Bombyx mori</i> . Journal of Insect Science, 2010, 10, 1-21.	1.5	9
21	Four genetic loci control compact plant size with yellow pear-shaped fruit in ornamental tomato (<i>Solanum lycopersicum</i> L.). Plant Genome, 2020, 13, e20017.	2.8	9
22	Molecular characterization and genetic diversity analysis of different rice cultivars by microsatellite markers. Genetika, 2014, 46, 187-198.	0.4	9
23	Identification and mapping of QTLs for agronomic traits in <i>indica</i> × <i>indica</i> cross of rice (<i>Oryza sativa</i> L.). Cereal Research Communications, 2010, 38, 317-326.	1.6	8
24	Association Analysis of Charcoal Rot Disease Resistance in Soybean. Plant Pathology Journal, 2019, 35, 189-199.	1.7	8
25	Optimizing Seed Germination and Seedling Growth in Different Kiwifruit Genotypes. Horticulturae, 2021, 7, 314.	2.8	8
26	Phylogenetic relationships and genetic diversity of landrace populations of thyme (<i>Thymus</i> spp.) of Iran using AFLP markers and GC-MS. Revista Brasileira De Botanica, 2019, 42, 613-621.	1.3	7
27	Association analysis, genetic diversity and population structure of barley (<i>Hordeum vulgare</i> 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
28	The expression of monoterpene synthase genes and their respective end products are affected by gibberellic acid in <i>Thymus vulgaris</i> . Journal of Plant Physiology, 2018, 230, 101-108.	3.5	5
29	Statistical analysis of phenotypic traits of rice (<i>Oryza sativa</i> L.) related to grain yield under neck blast disease. Journal of Plant Diseases and Protection, 2019, 126, 293-306.	2.9	5
30	Effect of silver nano particles and 8-hydroxyquinoline citrate on the longer life of cut Gerbera (<i>Gerbera jamesonii</i>) 'Sunway' flowers. Scientia Horticulturae, 2021, 289, 110474.	3.6	4
31	Dominant variance has an important role in downy mildew resistance in cucumber. Horticulture Environment and Biotechnology, 2011, 52, 422-426.	2.1	3
32	Characterising the genetic diversity of <i>Pseudomonas syringae</i> pv. <i>syringae</i> isolated from rice and wheat in Iran. Plant Protection Science, 2012, 48, 162-169.	1.4	3
33	Evaluation of pre-harvest foliar calcium applications on 'Fuji' apple fruit quality during cold storage. Australian Journal of Crop Science, 2017, 11, 228-233.	0.3	3
34	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
35	Identification of Fusarium wilt resistance sources in melon (<i>Cucumis melo</i> L.) landraces of Iran using marker-assisted selection technique. Australasian Plant Pathology, 2020, 49, 413-423.	1.0	2
36	Genetic diversity of <i>Aegilops tauschii</i> accessions and its relationship with tetraploid and hexaploid wheat using retrotransposon-based molecular markers. Cereal Research Communications, 2022, 50, 219-226.	1.6	2

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37	Genetic diversity of Iranian rice recombinant inbred lines at the reproductive stage in normal conditions and salinity. <i>Plant Genetic Researches</i> , 2019, 6, 69-86.	0.1	2
38	Identification of AFLP markers linked with cocoon weight genes in silkworm (<i>Bombyx mori</i> L.). <i>African Journal of Biotechnology</i> , 2010, 9, 1427-1433.	0.6	1
39	Association mapping of traits related to leaf blast disease in rice (<i>Oryza sativa</i> L.). <i>Australasian Plant Pathology</i> , 2020, 49, 31-43.	1.0	1
40	Investigation of gene effects on fruit shape index and seed size in generations resulting from the crossing of Zucchini and hull-less seed Pumpkin. <i>Euphytica</i> , 2021, 217, 1.	1.2	1
41	QTLs detection for mohair traits in Iranian Angora goats (Markhoz goats). <i>Small Ruminant Research</i> , 2021, 202, 106460.	1.2	1
42	Analysis and comparison of fragrant gene sequence in some rice cultivars. <i>Genetika</i> , 2016, 48, 597-607.	0.4	1
43	Differentiation by Simplified AFLP of <i>Pseudomonas Syringe</i> Pv. <i>Syringae</i> Isolates from Fields, Panicles and Nurseries of the Guilan Province - Iran. <i>Journal of Plant Protection Research</i> , 2012, 52, .	1.0	0
44	PCR optimization and allele distribution of SNAC1 gene coding region in rice (<i>Oryza sativa</i> L.). <i>Agri Gene</i> , 2017, 4, 30-36.	1.9	0