

Mojtaba Kordrostami

List of Publications by Year in descending order

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46
papers

849
citations

623734

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526287

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docs citations

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969
citing authors

#	ARTICLE	IF	CITATIONS
1	Titanium Dioxide Nanoparticles Improve Growth and Enhance Tolerance of Broad Bean Plants under Saline Soil Conditions. <i>Land Degradation and Development</i> , 2018, 29, 1065-1073.	3.9	222
2	Inoculation with <i>Azospirillum lipoferum</i> or <i>Azotobacter chroococcum</i> Reinforces Maize Growth by Improving Physiological Activities Under Saline Conditions. <i>Journal of Plant Growth Regulation</i> , 2020, 39, 1293-1306.	5.1	108
3	Eustress with H ₂ O ₂ Facilitates Plant Growth by Improving Tolerance to Salt Stress in Two Wheat Cultivars. <i>Plants</i> , 2019, 8, 303.	3.5	65
4	Changes in the expression of some genes involved in the biosynthesis of secondary metabolites in <i>Cuminum cyminum</i> L. under UV stress. <i>Protoplasma</i> , 2019, 256, 279-290.	2.1	46
5	An efficient protocol for isolation of inhibitor-free nucleic acids even from recalcitrant plants. <i>3 Biotech</i> , 2016, 6, 61.	2.2	45
6	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
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	Genome-wide identification and characterization of the metal tolerance protein (MTP) family in grape (<i>Vitis vinifera</i> L.). <i>3 Biotech</i> , 2019, 9, 199.	2.2	28
9	SCoT marker diversity among Iranian <i>Plantago</i> ecotypes and their possible association with agronomic traits. <i>Scientia Horticulturae</i> , 2018, 233, 302-309.	3.6	23
10	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
11	Evaluating genetic diversity and structure of a wild hop (<i>Humulus lupulus</i> L.) germplasm using morphological and molecular characteristics. <i>Euphytica</i> , 2020, 216, 1.	1.2	20
12	Evaluation of tea (<i>Camellia sinensis</i> L.) biochemical traits in normal and drought stress conditions to identify drought tolerant clones. <i>Physiology and Molecular Biology of Plants</i> , 2019, 25, 59-69.	3.1	19
13	QTL Analysis of Agronomic Traits in Rice Using SSR and AFLP Markers. <i>Notulae Scientia Biologicae</i> , 2012, 4, 116-123.	0.4	17
14	In vitro multiplication, genetic fidelity and phytochemical potentials of <i>Vaccinium arctostaphylos</i> L.: An endangered medicinal plant. <i>Industrial Crops and Products</i> , 2019, 141, 111812.	5.2	17
15	Genetic structure and diversity of Iranian <i>Cannabis</i> populations based on phytochemical, agro-morphological and molecular markers. <i>Industrial Crops and Products</i> , 2020, 158, 112950.	5.2	12
16	Antioxidant gene expression analysis and evaluation of total phenol content and oxygen-scavenging system in tea accessions under normal and drought stress conditions. <i>BMC Plant Biology</i> , 2021, 21, 494.	3.6	12
17	Fenugreek (<i>Trigonella foenum-graecum</i> L.): An Important Medicinal and Aromatic Crop. , 0, , .		11
18	Study of genetic diversity in rice (<i>Oryza sativa</i> L.) cultivars of Central and Western Asia using microsatellite markers tightly linked to important quality and yield related traits. <i>Genetic Resources and Crop Evolution</i> , 2020, 67, 1537-1550.	1.6	11

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19	Salinity Stress Tolerance in Plants: Physiological, Molecular, and Biotechnological Approaches. , 2019, , 101-127.		10
20	Genetic variability study in Bread Wheat (<i>Triticum Aestivum</i> L.) under Temperate Conditions. Current Agriculture Research Journal, 2018, 6, 268-277.	0.1	10
21	Analyses of Lysin-motif Receptor-like Kinase (LysM-RLK) Gene Family in Allotetraploid <i>Brassica napus</i> L. and Its Progenitor Species: An In Silico Study. Cells, 2022, 11, 37.	4.1	8
22	Phylogenetic relationships and genetic diversity of landrace populations of thyme (<i>Thymus</i> spp.) of Iran using AFLP markers and GCâ€MS. Revista Brasileira De Botanica, 2019, 42, 613-621.	1.3	7
23	Genetic Enhancement of Nutritional Traits in Rice Grains Through Marker-Assisted Selection and Quantitative Trait Loci. , 2020, , 493-507.		6
24	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
25	In Silico Analyses of Autophagy-Related Genes in Rapeseed (<i>Brassica napus</i> L.) under Different Abiotic Stresses and in Various Tissues. Plants, 2020, 9, 1393.	3.5	5
26	Newly Revealed Promising Gene Pools of Neglected Brassica Species to Improve Stress-Tolerant Crops. , 2020, , 181-193.		5
27	Date palm (<i>Phoenix dactylifera</i> L.) genetic improvement via biotechnological approaches. Tree Genetics and Genomes, 2022, 18, .	1.6	5
28	Investigating the effect of drought stress on expression of WRKY1 and EREBP1 genes and antioxidant enzyme activities in lemon balm (<i>Melissa Officinalis</i> L.). 3 Biotech, 2016, 6, 99.	2.2	4
29	Genetic Variation, Population Structure and the Possibility of Association Mapping of Biochemical and Agronomic Traits Using Dominant Molecular Markers in Iranian Tea Accessions. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 2769-2780.	1.5	4
30	Recent advances toward exploiting medicinal plants as phytoremediators. , 2021, , 371-383.		3
31	Rapeseed: Biology and Physiological Responses to Drought Stress. , 2020, , 263-276.		3
32	Identification of Drought-Responsive Proteins of Sensitive and Tolerant Tea <i>(Camellia sinensis)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	3
33	Contributions of Nano Biosensors in Managing Environmental Plant Stress Under Climatic Changing Era. , 2021, , 117-137.		2
34	Plant Abiotic Stress Tolerance Mechanisms. , 2021, , 29-59.		2
35	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
36	Abiotic Stress in Plants: Socio-Economic Consequences and Crops Responses. , 2021, , 1-28.		2

#	ARTICLE	IF	CITATIONS
37	Whole Protein Analysis Using LC-MS/MS for Food Authentication. , 2020, , 105-120.		2
38	Seleksiyon Endekslerini Kullanarak Kuraklık Stresi ve Stres Olmayan Koşullar Altında En İyi Aşeltik Aşıtlarının Seşimi. Yuzuncu Yil University Journal of Agricultural Sciences, 0, , 473-480.	0.3	1
39	Candidate Gene Expression Involved in Plant Osmotic Tolerance. , 2019, , 547-556.		1
40	Role of Molecular Tools and Biotechnology in Climate-Resilient Agriculture. , 2020, , 491-529.		1
41	Biotechnological Approach for Enhancing Capability of Brassica oleracea var. italica Against Stresses Under Changing Climate. , 2020, , 451-472.		1
42	Characteristics of Grain Quality in Rice. , 2021, , 147-157.		0
43	Consequences of Water Stress and Salinity on Plants/Crops. , 2021, , 789-814.		0
44	Can plants be considered as phytoremediators for desalination of saline wastewater: A comprehensive review. , 2021, , 385-395.		0
45	The genetic variation and stability analysis of rice mutant lines using AMMI model under normal and drought stress conditions. Genetika, 2019, 51, 687-699.	0.4	0
46	The Effect of Exposure to a Combination of Stressors on Rice Productivity and Grain Yields. , 2020, , 675-727.		0