

Aria Dolatabadian

List of Publications by Year in descending order

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38
papers

1,284
citations

471371

17
h-index

377752

34
g-index

39
all docs

39
docs citations

39
times ranked

1691
citing authors

#	ARTICLE	IF	CITATIONS
1	Homoeologous exchange is a major cause of gene presence/absence variation in the amphidiploid <i>Brassica napus</i> . <i>Plant Biotechnology Journal</i> , 2018, 16, 1265-1274.	4.1	217
2	Effects of arbuscular mycorrhizal inoculation on growth, yield, nutrient uptake and irrigation water productivity of sunflowers grown under drought stress. <i>Agricultural Water Management</i> , 2013, 117, 106-114.	2.4	159
3	Zeolite-amended cattle manure effects on sunflower yield, seed quality, water use efficiency and nutrient leaching. <i>Soil and Tillage Research</i> , 2013, 126, 193-202.	2.6	102
4	Effect of Salinity on Growth, Xylem Structure and Anatomical Characteristics of Soybean. <i>Notulae Scientia Biologicae</i> , 2011, 3, 41-45.	0.1	92
5	The Effects of Foliar Application of Ascorbic Acid (Vitamin C) on Antioxidant Enzymes Activities, Lipid Peroxidation and Proline Accumulation of Canola (<i>Brassica napus</i> L.) under Conditions of Salt Stress. <i>Journal of Agronomy and Crop Science</i> , 2008, 194, 206-213.	1.7	90
6	Characterization of disease resistance genes in the <i>Brassica napus</i> pangenome reveals significant structural variation. <i>Plant Biotechnology Journal</i> , 2020, 18, 969-982.	4.1	83
7	Alleviation of Water Deficit Stress Effects by Foliar Application of Ascorbic Acid on <i>Zea mays</i> L.. <i>Journal of Agronomy and Crop Science</i> , 2009, 195, 347-355.	1.7	59
8	The role of calcium in improving photosynthesis and related physiological and biochemical attributes of spring wheat subjected to simulated acid rain. <i>Physiology and Molecular Biology of Plants</i> , 2013, 19, 189-198.	1.4	54
9	Copy number variation and disease resistance in plants. <i>Theoretical and Applied Genetics</i> , 2017, 130, 2479-2490.	1.8	53
10	Nitrogen Contribution from Winter-Killed Faba Bean Cover Crop to Spring-Sown Sweet Corn in Conventional and No-Till Systems. <i>Agronomy Journal</i> , 2018, 110, 455-462.	0.9	36
11	Zeolite influences on nitrate leaching, nitrogen-use efficiency, yield and yield components of canola in sandy soil. <i>Archives of Agronomy and Soil Science</i> , 2012, 58, 1149-1169.	1.3	34
12	Resistance Gene Analogs in the Brassicaceae: Identification, Characterization, Distribution, and Evolution. <i>Plant Physiology</i> , 2020, 184, 909-922.	2.3	33
13	Chitosan Improves Osmotic Potential Tolerance in Safflower (<i>Carthamus tinctorius</i> L.) Seedlings. <i>Journal of Crop Improvement</i> , 2011, 25, 728-741.	0.9	32
14	Morphological and physiological response of soybean treated with the microsymbiont <i>Bradyrhizobium japonicum</i> pre-incubated with genistein. <i>South African Journal of Botany</i> , 2012, 79, 9-18.	1.2	22
15	Effect of Ascorbic Acid Foliar Application on Yield, Yield Component and several Morphological Traits of Grain Corn under Water Deficit Stress Conditions. <i>Notulae Scientia Biologicae</i> , 2010, 2, 45-50.	0.1	21
16	Decreasing Nitrogen Leaching and Increasing Canola Forage Yield in a Sandy Soil by Application of Natural Zeolite. <i>Agronomy Journal</i> , 2012, 104, 1467-1475.	0.9	20
17	Foliar application of nitrogen fixing bacteria increases growth and yield of canola grown under different nitrogen regimes. <i>Rhizosphere</i> , 2016, 2, 34-37.	1.4	19
18	UV radiation, elevated CO ₂ and water stress effect on growth and photosynthetic characteristics in durum wheat. <i>Plant, Soil and Environment</i> , 2009, 55, 443-453.	1.0	17

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19	Histopathology of charcoal rot disease (<i>Macrophomina phaseolina</i>) in resistant and susceptible cultivars of soybean. <i>Rhizosphere</i> , 2018, 7, 27-34.	1.4	17
20	How Organic and Chemical Nitrogen Fertilizers, Zeolite, and Combinations Influence Wheat Yield and Grain Mineral Content. <i>Journal of Crop Improvement</i> , 2012, 26, 116-129.	0.9	16
21	Effect of salicylic acid and salt on wheat seed germination. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2009, 59, 456-464.	0.3	14
22	Plant-Microbe Interaction. <i>Biology</i> , 2021, 10, 15.	1.3	13
23	Ridge-Furrow Planting System and Wheat Straw Mulching Effects on Dryland Sunflower Yield, Soil Temperature, and Moisture. <i>Agronomy Journal</i> , 2019, 111, 3383-3392.	0.9	12
24	Morphological and Physiological Characters of <i>Aloe vera</i> Subjected to Saline Water Irrigation. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2012, 18, 222-230.	0.5	11
25	Exogenous 5-Aminolevulinic Acid Promotes Antioxidative Defence System, Photosynthesis and Growth in Soybean against Cold Stress. <i>Notulae Scientia Biologicae</i> , 2015, 7, .	0.1	10
26	Comparison among Different Integrated Nutrition Management for Soil Micro and Macro Elements after Winter Wheat Harvesting and Yield. <i>Notulae Scientia Biologicae</i> , 2010, 2, 107-111.	0.1	9
27	Influence of Diazotrophic Bacteria on Antioxidant Enzymes and Some Biochemical Characteristics of Soybean Subjected to Water Stress. <i>Journal of Integrative Agriculture</i> , 2012, 11, 1828-1835.	1.7	9
28	<i>Agrobacterium rhizogenes</i> transformed soybean roots differ in their nodulation and nitrogen fixation response to genistein and salt stress. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 1327-1339.	1.7	7
29	Exogenous 5-Aminolevulinic Acid Promotes Antioxidative Defence System, Photosynthesis and Growth in Soybean against Cold Stress. <i>Notulae Scientia Biologicae</i> , 2015, 7, 486-494.	0.1	6
30	Genomic Variations and Mutational Events Associated with Plant-Pathogen Interactions. <i>Biology</i> , 2022, 11, 421.	1.3	5
31	Integrated fertilizer management to attain sunflower sustainable production under different irrigation regimes. <i>Archives of Agronomy and Soil Science</i> , 2010, 56, 295-309.	1.3	4
32	Virulence/avirulence patterns among <i>Leptosphaeria maculans</i> isolates determines expression of resistance, senescence and yellowing in cotyledons of <i>Brassica napus</i> . <i>European Journal of Plant Pathology</i> , 2020, 156, 1077-1089.	0.8	2
33	Current progress in studying blackleg disease (<i>Leptosphaeria maculans</i> and <i>L. biglobosa</i>) of canola in Iran: Where do we stand now?. <i>Plant Pathology</i> , 2022, 71, 239-250.	1.2	2
34	Genetic structure and phylogenetic relationships of <i>Leptosphaeria maculans</i> and <i>L. biglobosa</i> in Northern regions of Iran. <i>Archives of Phytopathology and Plant Protection</i> , 2022, 55, 1062-1081.	0.6	2
35	Influence of root-zone temperature on growth and nitrogen fixation in three Iranian grasspea landraces. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2010, 60, 40-47.	0.3	1
36	Quantitative Trait Loci for Heat Stress Tolerance in <i>Brassica rapa</i> L. Are Distributed across the Genome and Occur in Diverse Genetic Groups, Flowering Phenologies and Morphotypes. <i>Genes</i> , 2022, 13, 296.	1.0	1

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37	Impact of Inter-Row Spacing on Yield and Yield Components of several Annual Medics Species. Notulae Scientia Biologicae, 2010, 2, 116-124.	0.1	0
38	Case Study for Trait-Related Gene Evolution: Disease Resistance Genes in Brassica napus. Compendium of Plant Genomes, 2018, , 223-232.	0.3	0