

Hamid Reza Sadeghipour

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

650
citations

686830

13
h-index

580395

25
g-index

33
all docs

33
docs citations

33
times ranked

758
citing authors

#	ARTICLE	IF	CITATIONS
1	Beneficial effects of silicon nutrition in alleviating salinity stress in hydroponically grown canola, <i>Brassica napus</i> L., plants. <i>Soil Science and Plant Nutrition</i> , 2010, 56, 244-253.	0.8	121
2	Silicon nutrition alleviates physiological disorders imposed by salinity in hydroponically grown canola (<i>Brassica napus</i> L.) plants. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 1779-1788.	1.0	74
3	Impacts of silicon nutrition on growth and nutrient status of rice plants grown under varying zinc regimes. <i>Theoretical and Experimental Plant Physiology</i> , 2015, 27, 19-29.	1.1	49
4	Silicon Affects Transcellular and Apoplastic Uptake of Some Nutrients in Plants. <i>Pedosphere</i> , 2015, 25, 192-201.	2.1	44
5	Differential Sensitivity of Oleosins to Proteolysis During Oil Body Mobilization in Sunflower Seedlings. <i>Plant and Cell Physiology</i> , 2002, 43, 1117-1126.	1.5	43
6	Silicon nutrition potentiates the antioxidant metabolism of rice plants under iron toxicity. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 493-502.	1.0	37
7	Alleviation of dormancy in walnut kernels by moist chilling is independent from storage protein mobilization. <i>Tree Physiology</i> , 2007, 27, 519-525.	1.4	30
8	Silicon increases cell wall thickening and lignification in rice (<i>Oryza sativa</i>) root tip under excess Fe nutrition. <i>Plant Physiology and Biochemistry</i> , 2019, 144, 264-273.	2.8	28
9	The potential of glauconitic sandstone as a potassium fertilizer for olive plants. <i>Archives of Agronomy and Soil Science</i> , 2012, 58, 983-993.	1.3	27
10	Beneficial Effects of Silicon Application in Alleviating Salinity Stress in Halophytic <i>Puccinellia Distans</i> Plants. <i>Silicon</i> , 2019, 11, 1001-1010.	1.8	25
11	Light-enhanced oil body mobilization in sunflower seedlings accompanies faster protease action on oleosins. <i>Plant Physiology and Biochemistry</i> , 2003, 41, 309-316.	2.8	23
12	Redox rather than carbohydrate metabolism differentiates endodormant lateral buds in walnut cultivars with contrasting chilling requirements. <i>Scientia Horticulturae</i> , 2017, 225, 29-37.	1.7	21
13	Oil body mobilization in sunflower seedlings is potentially regulated by thioredoxin h. <i>Plant Physiology and Biochemistry</i> , 2012, 57, 134-142.	2.8	17
14	Dynamics of seed dormancy and germination at high temperature stress is affected by priming and phytohormones in rapeseed (<i>Brassica napus</i> L.). <i>Journal of Plant Physiology</i> , 2022, 269, 153614.	1.6	12
15	Lipid mobilization, gluconeogenesis and ageing-related processes in dormant walnut kernels during moist chilling and warm incubation. <i>Seed Science Research</i> , 2009, 19, 91-101.	0.8	10
16	Facilitated decrease of anions and cations in influent and effluent of sewage treatment plant by vetiver grass (<i>Chrysopogon zizanioides</i>): the uptake of nitrate, nitrite, ammonium, and phosphate. <i>Environmental Science and Pollution Research</i> , 2020, 27, 21506-21516.	2.7	10
17	Short versus long term effects of cyanide on sugar metabolism and transport in dormant walnut kernels. <i>Plant Science</i> , 2016, 252, 193-204.	1.7	9
18	Redox changes accompanying storage protein mobilization in moist chilled and warm incubated walnut kernels prior to germination. <i>Journal of Plant Physiology</i> , 2013, 170, 6-17.	1.6	8

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19	Suppression of mitochondrial dehydrogenases accompanying post-glyoxylate cycle activation of gluconeogenesis and reduced lipid peroxidation events during dormancy breakage of walnut kernels by moist chilling. <i>Scientia Horticulturae</i> , 2013, 161, 314-323.	1.7	8
20	True lipases beside phospholipases contribute to walnut kernel viability loss during controlled deterioration and natural aging. <i>Environmental and Experimental Botany</i> , 2019, 164, 71-83.	2.0	8
21	Induced Thermo-dormancy in Rapeseed (<i>Brassica napus</i> L.) Cultivars by Sub- and Supra-optimal Temperatures. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 2164-2177.	2.8	8
22	Changes in Seed Quality during Seed Development and Maturation in Medicinal Pumpkin (<i>Cucurbita</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Medicinal Plants, 2011, 17, 249-257.	0.5	7
23	The Influence of Seed Priming on Storability of Rapeseed (<i>Brassica napus</i>) Seeds. <i>Seed Science and Technology</i> , 2019, 47, 87-92.	0.6	7
24	Arginase, glutamine synthetase and glutamate dehydrogenase activities in moist chilled and warm-incubated walnut kernels. <i>Trees - Structure and Function</i> , 2010, 24, 425-433.	0.9	4
25	Impacts of fire cues on germination of <i>Brassica napus</i> L. seeds with high and low secondary dormancy. <i>Plant Biology</i> , 2020, 22, 647-654.	1.8	4
26	Bud break accompanies with the enhanced activities of hemicellulase and pectinase and the mobilization of cell wall thickenings in Persian walnut bud scales. <i>Trees - Structure and Function</i> , 2021, 35, 1399-1410.	0.9	4
27	Improved Grain Yield by Phytohormones-Driven Suppression of Pod Abscission and Revitalization of Source-Sink Relationships in Soybean. <i>International Journal of Plant Production</i> , 2022, 16, 467-481.	1.0	4
28	Physiological responses of white mustard grown in Zn-contaminated soils. <i>Acta Physiologiae Plantarum</i> , 2020, 42, 1.	1.0	3
29	Redox metabolism and cell wall modifications as global and local targets respectively, of cyanide induced dormancy release of walnut kernels. <i>Journal of Plant Physiology</i> , 2019, 240, 153013.	1.6	2
30	Differential carbohydrate dynamics in <i>Arabidopsis</i> wild-type and ntrc mutant after trehalose feeding. <i>Acta Physiologiae Plantarum</i> , 2020, 42, 1.	1.0	2
31	Transcriptome alterations of radish shoots exposed to cadmium can be interpreted in the context of leaf senescence. <i>Protoplasma</i> , 2023, 260, 35-62.	1.0	1
32	Would it be possible to use nonpathogenic fungi to improve the turnover of crop residues?. <i>Journal of Basic Microbiology</i> , 2021, 61, 721-735.	1.8	0