Hamid Reza Sadeghipour

List of Publications by Year
in descending order

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32 papers	650 citations	687363 13 h-index	580821 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. Soil Science and Plant Nutrition, 2010, 56, 244-253.	1.9	121
2	Silicon nutrition alleviates physiological disorders imposed by salinity in hydroponically grown canola (Brassica napus L.) plants. Acta Physiologiae Plantarum, 2012, 34, 1779-1788.	2.1	74
3	Impacts of silicon nutrition on growth and nutrient status of rice plants grown under varying zinc regimes. Theoretical and Experimental Plant Physiology, 2015, 27, 19-29.	2.4	49
4	Silicon Affects Transcellular and Apoplastic Uptake of Some Nutrients in Plants. Pedosphere, 2015, 25, 192-201.	4.0	44
5	Differential Sensitivity of Oleosins to Proteolysis During Oil Body Mobilization in Sunflower Seedlings. Plant and Cell Physiology, 2002, 43, 1117-1126.	3.1	43
6	Silicon nutrition potentiates the antioxidant metabolism of rice plants under iron toxicity. Acta Physiologiae Plantarum, 2014, 36, 493-502.	2.1	37
7	Alleviation of dormancy in walnut kernels by moist chilling is independent from storage protein mobilization. Tree Physiology, 2007, 27, 519-525.	3.1	30
8	Silicon increases cell wall thickening and lignification in rice (Oryza sativa) root tip under excess Fe nutrition. Plant Physiology and Biochemistry, 2019, 144, 264-273.	5.8	28
9	The potential of glauconitic sandstone as a potassium fertilizer for olive plants. Archives of Agronomy and Soil Science, 2012, 58, 983-993.	2.6	27
10	Beneficial Effects of Silicon Application in Alleviating Salinity Stress in Halophytic Puccinellia Distans Plants. Silicon, 2019, 11, 1001-1010.	3.3	25
11	Light-enhanced oil body mobilization in sunflower seedlings accompanies faster protease action on oleosins. Plant Physiology and Biochemistry, 2003, 41, 309-316.	5.8	23
12	Redox rather than carbohydrate metabolism differentiates endodormant lateral buds in walnut cultivars with contrasting chilling requirements. Scientia Horticulturae, 2017, 225, 29-37.	3.6	21
13	Oil body mobilization in sunflower seedlings is potentially regulated by thioredoxin h. Plant Physiology and Biochemistry, 2012, 57, 134-142.	5.8	17
14	Dynamics of seed dormancy and germination at high temperature stress is affected by priming and phytohormones in rapeseed (Brassica napus L.). Journal of Plant Physiology, 2022, 269, 153614.	3.5	12
15	Lipid mobilization, gluconeogenesis and ageing-related processes in dormant walnut kernels during moist chilling and warm incubation. Seed Science Research, 2009, 19, 91-101.	1.7	10
16	Facilitated decrease of anions and cations in influent and effluent of sewage treatment plant by vetiver grass (Chrysopogon zizanioides): the uptake of nitrate, nitrite, ammonium, and phosphate. Environmental Science and Pollution Research, 2020, 27, 21506-21516.	5.3	10
17	Short versus long term effects of cyanide on sugar metabolism and transport in dormant walnut kernels. Plant Science, 2016, 252, 193-204.	3.6	9
18	Redox changes accompanying storage protein mobilization in moist chilled and warm incubated walnut kernels prior to germination. Journal of Plant Physiology, 2013, 170, 6-17.	3.5	8

#	Article	IF	Citations
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. Scientia Horticulturae, 2013, 161, 314-323.	3.6	8
20	True lipases beside phospholipases contribute to walnut kernel viability loss during controlled deterioration and natural aging. Environmental and Experimental Botany, 2019, 164, 71-83.	4.2	8
21	Induced Thermo-dormancy in Rapeseed (Brassica napus L.) Cultivars by Sub- and Supra-optimal Temperatures. Journal of Plant Growth Regulation, 2021, 40, 2164-2177.	5.1	8
22	Changes in Seed Quality during Seed Development and Maturation in Medicinal Pumpkin (<i>Cucurbita) Tj ETQq0 0 0 rgBT /Overlock 10 Medicinal Plants, 2011, 17, 249-257.	1.1	7
23	The Influence of Seed Priming on Storability of Rapeseed (Brassica napus) Seeds. Seed Science and Technology, 2019, 47, 87-92.	1.4	7
24	Arginase, glutamine synthetase and glutamate dehydrogenase activities in moist chilled and warm-incubated walnut kernels. Trees - Structure and Function, 2010, 24, 425-433.	1.9	4
25	Impacts of fire cues on germination of Brassica napus L. seeds with high and low secondary dormancy. Plant Biology, 2020, 22, 647-654.	3.8	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. Trees - Structure and Function, 2021, 35, 1399-1410.	1.9	4
27	Improved Grain Yield by Phytohormones-Driven Suppression of Pod Abscission and Revitalization of Source-Sink Relationships in Soybean. International Journal of Plant Production, 2022, 16, 467-481.	2.2	4
28	Physiological responses of white mustard grown in Zn-contaminated soils. Acta Physiologiae Plantarum, 2020, 42, 1.	2.1	3
29	Redox metabolism and cell wall modifications as global and local targets respectively, of cyanide induced dormancy release of walnut kernels. Journal of Plant Physiology, 2019, 240, 153013.	3.5	2
30	Differential carbohydrate dynamics in Arabidopsis wild-type and ntrc mutant after trehalose feeding. Acta Physiologiae Plantarum, 2020, 42, 1.	2.1	2
31	Transcriptome alterations of radish shoots exposed to cadmium can be interpreted in the context of leaf senescence. Protoplasma, 2023, 260, 35-62.	2.1	1
32	Would it be possible to use nonpathogenic fungi to improve the turnover of crop residues?. Journal of Basic Microbiology, 2021, 61, 721-735.	3.3	0