MaÅ‚gorzata Garnczarska

List of Publications by Year
in descending order

33	1,299	516215 16	433756 31
papers	citations	h-index	g-index

34	34	34	1537
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Endogenous Polyamines and Ethylene Biosynthesis in Relation to Germination of Osmoprimed Brassica napus Seeds under Salt Stress. International Journal of Molecular Sciences, 2022, 23, 349.	1.8	8
2	Contribution of Exogenous Proline to Abiotic Stresses Tolerance in Plants: A Review. International Journal of Molecular Sciences, 2022, 23, 5186.	1.8	103
3	Drought stress memory and subsequent drought stress tolerance in plants. , 2020, , 115-131.		21
4	Autophagic Machinery of Plant Peroxisomes. International Journal of Molecular Sciences, 2019, 20, 4754.	1.8	13
5	New Insight on Water Status in Germinating Brassica napus Seeds in Relation to Priming-Improved Germination. International Journal of Molecular Sciences, 2019, 20, 540.	1.8	38
6	Different Modes of Hydrogen Peroxide Action During Seed Germination. Frontiers in Plant Science, 2016, 7, 66.	1.7	284
7	Molecular processes induced in primed seedsâ€"increasing the potential to stabilize crop yields under drought conditions. Journal of Plant Physiology, 2016, 203, 116-126.	1.6	110
8	Enhanced expression of the proline synthesis gene P5CSA in relation to seed osmopriming improvement of Brassica napus germination under salinity stress. Journal of Plant Physiology, 2015, 183, 1-12.	1.6	130
9	Deciphering priming-induced improvement of rapeseed (Brassica napus L.) germination through an integrated transcriptomic and proteomic approach. Plant Science, 2015, 231, 94-113.	1.7	134
10	Lupine embryo axes under salinity stress. II. Mitochondrial proteome response. Acta Physiologiae Plantarum, 2013, 35, 2383-2392.	1.0	14
11	Lupine embryo axes under salinity stress. I. Ultrastructural response. Acta Physiologiae Plantarum, 2013, 35, 2219-2228.	1.0	8
12	Ultrastructural and antioxidative changes in lupine embryo axes in response to salt stress. Acta Societatis Botanicorum Poloniae, 2013, 82, 303-311.	0.8	0
13	Ability of lupine seeds to germinate and to tolerate desiccation as related to changes in free radical level and antioxidants in freshly harvested seeds. Plant Physiology and Biochemistry, 2009, 47, 56-62.	2.8	15
14	Short-term effect of nitrate or water stress on nitrate reduction and malate fermentation pathways in yellow lupine (Lupinus luteus) nodules. Acta Physiologiae Plantarum, 2009, 31, 1249-1254.	1.0	1
15	Ascorbate and glutathione metabolism in embryo axes and cotyledons of germinating lupine seeds. Biologia Plantarum, 2008, 52, 681-686.	1.9	19
16	Differential response of antioxidative enzymes in embryonic axes and cotyledons of germinating lupine seeds. Acta Physiologiae Plantarum, 2008, 30, 427-432.	1.0	19
17	A comparative study of water distribution and dehydrin protein localization in maturing pea seeds. Journal of Plant Physiology, 2008, 165, 1940-1946.	1.6	20
18	Changes in water status and water distribution in maturing lupin seeds studied by MR imaging and NMR spectroscopy. Journal of Experimental Botany, 2007, 58, 3961-3969.	2.4	33

#	Article	IF	Citations
19	Water uptake and distribution in germinating lupine seeds studied by magnetic resonance imaging and NMR spectroscopy. Physiologia Plantarum, 2007, 130, 23-32.	2.6	36
20	A comparative study of water distribution, free radical production and activation of antioxidative metabolism in germinating pea seeds. Journal of Plant Physiology, 2006, 163, 1207-1220.	1.6	98
21	Response of the ascorbateâ€"glutathione cycle to re-aeration following hypoxia in lupine roots. Plant Physiology and Biochemistry, 2005, 43, 583-590.	2.8	35
22	Effect of a short-term hypoxic treatment followed by re-aeration on free radicals level and antioxidative enzymes in lupine roots. Plant Physiology and Biochemistry, 2004, 42, 233-240.	2.8	48
23	Re-aeration â€" induced oxidative stress and antioxidative defenses in hypoxically pretreated lupine roots. Journal of Plant Physiology, 2004, 161, 415-422.	1.6	26
24	Hypoxia induces anoxia tolerance in roots and shoots of lupine seedlings. Acta Physiologiae Plantarum, 2003, 25, 47-53.	1.0	2
25	Metabolic and ultrastructural responses of lupine embryo axes to sugar starvation. Journal of Plant Physiology, 2003, 160, 311-319.	1.6	31
26	Hypoxic induction of alcohol and lactate dehydrogenases in lupine seedlings. Acta Physiologiae Plantarum, 2002, 24, 265-272.	1.0	10
27	Metabolic responses of Lemna minor to lead ions I. Growth, chlorophyll level and activity of fermentative enzymes. Acta Physiologiae Plantarum, 2000, 22, 423-427.	1.0	18
28	Metabolic responses of Lemna minor to lead ions II. Induction of antioxidant enzymes in roots. Acta Physiologiae Plantarum, 2000, 22, 429-432.	1.0	13
29	Changes in the activity and isozyme patterns of malate dehydrogenase in root nodules of yellow lupine. Acta Physiologiae Plantarum, 1999, 21, 149-153.	1.0	2
30	Metabolism of amino acids in germinating yellow lupin seeds. II. Pathway of conversion of aspartate to alanine during the imbibition. Acta Physiologiae Plantarum, 1998, 20, 123-127.	1.0	5
31	The influence of lead ions on nitrogen metabolism of lupin embryos cultivated in vitro.. Acta Biochimica Polonica, 1993, 40, 139-140.	0.3	1
32	The influence of lead ions on nitrogen metabolism of lupin embryos cultivated in vitro. Acta Biochimica Polonica, 1993, 40, 139-40.	0.3	1
33	Alcohol dehydrogenase and its relation to respiratory pathways in lupine root nodules. Acta Biochimica Polonica, 1991, 38, 37-41.	0.3	2