

Branka DuÅ¡an Å½ivanoviÄ

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

452
citations

933447

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752698

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651
citing authors

#	ARTICLE	IF	CITATIONS
1	Rutin, a flavonoid with antioxidant activity, improves plant salinity tolerance by regulating K ⁺ retention and Na ⁺ exclusion from leaf mesophyll in quinoa and broad beans. <i>Functional Plant Biology</i> , 2016, 43, 75.	2.1	76
2	The effects of plant growth regulators on growth, yield, and phenolic profile of lentil plants. <i>Journal of Food Composition and Analysis</i> , 2012, 28, 46-53.	3.9	65
3	Linking oxidative and salinity stress tolerance in barley: can root antioxidant enzyme activity be used as a measure of stress tolerance?. <i>Plant and Soil</i> , 2013, 365, 141-155.	3.7	53
4	Revealing mechanisms of salinity tissue tolerance in succulent halophytes: a case study for <i>Carpobrotus rossi</i> . <i>Plant, Cell and Environment</i> , 2018, 41, 2654-2667.	5.7	33
5	Peroxidase activity and phenolic compounds content in maize root and leaf apoplast, and their association with growth. <i>Plant Science</i> , 2008, 175, 656-662.	3.6	32
6	Light-induced transient ion flux responses from maize leaves and their association with leaf growth and photosynthesis. <i>Plant, Cell and Environment</i> , 2005, 28, 340-352.	5.7	30
7	Quantification of the Antioxidant Activity in Salt-Stressed Tissues. <i>Methods in Molecular Biology</i> , 2012, 913, 237-250.	0.9	23
8	Filter strip as a method of choice for apoplastic fluid extraction from maize roots. <i>Plant Science</i> , 2014, 223, 49-58.	3.6	16
9	MEMBRANE POTENTIAL AND ENDOGENOUS ION CURRENT OF PHYCOMYCES SPORANGIOPHORES. <i>Electromagnetic Biology and Medicine</i> , 2001, 20, 343-362.	0.4	12
10	The effect of auxin (indole-3-acetic acid) on the growth rate and tropism of the sporangiophore of <i>Phycomyces blakesleeanus</i> and identification of auxin-related genes. <i>Protoplasma</i> , 2018, 255, 1331-1347.	2.1	12
11	Spectral and Dose Dependence of Light-Induced Ion Flux Responses from Maize Leaves and their Involvement in Leaf Expansion Growth. <i>Plant and Cell Physiology</i> , 2007, 48, 598-605.	3.1	11
12	Ca ²⁺ and H ⁺ Ion Fluxes near the Surface of Gravitropically Stimulated <i>Phycomyces</i> Sporangiphore. <i>Annals of the New York Academy of Sciences</i> , 2005, 1048, 487-490.	3.8	10
13	The effects of hormones and saccharides on growth and flowering of green and herbicides-treated <i>Chenopodium rubrum</i> L. plants. <i>Biologia Plantarum</i> , 1995, 37, 257.	1.9	9
14	Surface tip-to-base Ca ²⁺ and H ⁺ ionic fluxes are involved in apical growth and graviperception of the <i>Phycomyces</i> stage I sporangiophore. <i>Planta</i> , 2012, 236, 1817-1829.	3.2	9
15	Does overhead irrigation with salt affect growth, yield, and phenolic content of lentil plants?. <i>Archives of Biological Sciences</i> , 2012, 64, 539-547.	0.5	8
16	The Effects of Photoperiod, Glucose and Gibberellic Acid on Growth In Vitro and Flowering of <i>Chenopodium Murale</i> . <i>Biologia Plantarum</i> , 2000, 43, 173-177.	1.9	7
17	Alternative respiration of fungus <i>Phycomyces blakesleeanus</i> . <i>Antonie Van Leeuwenhoek</i> , 2009, 95, 207-217.	1.7	7
18	Photoperiodic induction of flowering in green and photobleached <i>Chenopodium rubrum</i> L. ecotype 184 - a short- day plant. <i>Biologia Plantarum</i> , 1992, 34, 457.	1.9	5

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19	A New Model System for Investigation of Ionic Channels in Filamentous Fungi: Evidence for Existence of Two K ⁺ -Permeable Ionic Channels in <i>Phycomyces blakesleeianus</i> . <i>Annals of the New York Academy of Sciences</i> , 2005, 1048, 491-495.	3.8	5
20	Effect of Darkness on Growth and Flowering of <i>Chenopodium rubrum</i> and <i>C. murale</i> Plants in vitro. <i>Biologia Plantarum</i> , 2003, 46, 471-474.	1.9	4
21	Changes in <i>Chenopodium rubrum</i> Seeds with Aging. <i>Annals of the New York Academy of Sciences</i> , 2005, 1048, 505-508.	3.8	4
22	Intracellular reorganization and ionic signaling of the <i>Phycomyces</i> stage I sporangiophore in response to gravity and touch. <i>Communicative and Integrative Biology</i> , 2013, 6, e22291.	1.4	4
23	The influence of mechanical activation on the process of reaction sintering of Portland cement clinker. <i>Science of Sintering</i> , 2002, 34, 95-100.	1.4	4
24	Photoperiodic induction of flowering in <i>Chenopodium rubrum</i> L. might be controlled by an oscillatory mechanism. <i>Journal of Plant Physiology</i> , 1996, 149, 707-713.	3.5	3
25	Dissecting blue light signal transduction pathway in leaf epidermis using a pharmacological approach. <i>Planta</i> , 2015, 242, 813-827.	3.2	3
26	Signal transduction in <i>Phycomyces</i> sporangiophores: columella as a novel sensory organelle mediating auxin-modulated growth rate and membrane potential. <i>Protoplasma</i> , 2022, 259, 917-935.	2.1	3
27	The Effects of Growth Regulators on Flowering of <i>Chenopodium murale</i> Plants in vitro. <i>Biologia Plantarum</i> , 2000, 43, 451-454.	1.9	2
28	The Effect of Metabolic Inhibitors, Sugars and Fusicoccin on the Electrical Potential Difference Arising Across an Intact <i>Chenopodium Rubrum</i> L. <i>Plant. Biologia Plantarum</i> , 2001, 44, 361-366.	1.9	2