

Ana D SimonoviÄ

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	In Silico Study of Superoxide Dismutase Gene Family in Potato and Effects of Elevated Temperature and Salicylic Acid on Gene Expression. <i>Antioxidants</i> , 2022, 11, 488.	5.1	7
2	Molecular Characterization and Expression of Four Aquaporin Genes in <i>Impatiens walleriana</i> during Drought Stress and Recovery. <i>Plants</i> , 2021, 10, 154.	3.5	9
3	Immunolocalization of some arabinogalactan protein epitopes during indirect somatic embryogenesis and shoot organogenesis in leaf culture of centaury (<i>Centaureum erythraea</i> Rafn). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2021, 57, 470-480.	2.1	4
4	The Arabinogalactan Protein Family of <i>Centaureum erythraea</i> Rafn. <i>Plants</i> , 2021, 10, 1870.	3.5	3
5	Alteration of Flower Color in <i>Viola cornuta</i> cv. "Lutea Splendens" through Metabolic Engineering of Capsanthin/Capsorubin Synthesis. <i>Horticulturae</i> , 2021, 7, 324.	2.8	3
6	Secondary Somatic Embryogenesis in <i>Centaureum erythraea</i> Rafn. <i>Plants</i> , 2021, 10, 199.	3.5	11
7	Overexpressing AtCKX1 in Potato Plants grown In Vitro: The Effects on Cytokinin Composition and Tuberization. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 37-47.	5.1	10
8	Somatic Embryogenesis in <i>Centaureum erythraea</i> Rafn "Current Status and Perspectives: A Review. <i>Plants</i> , 2021, 10, 70.	3.5	16
9	ragp: Pipeline for mining of plant hydroxyproline-rich glycoproteins with implementation in R. <i>Glycobiology</i> , 2020, 30, 19-35.	2.5	10
10	Silencing of germacrene A synthase genes reduces guaianolide oxalate content in <i>Cichorium intybus</i> L. <i>GM Crops and Food</i> , 2020, 11, 54-66.	3.8	9
11	Effects of Exogenous Salicylic Acid on Drought Response and Characterization of Dehydrins in <i>Impatiens walleriana</i> . <i>Plants</i> , 2020, 9, 1589.	3.5	12
12	Plant regeneration in leaf culture of <i>Centaureum erythraea</i> Rafn. Part 3: de novo transcriptome assembly and validation of housekeeping genes for studies of in vitro morphogenesis. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 141, 417-433.	2.3	9
13	Tissue specific expression and genomic organization of bitter sesquiterpene lactone biosynthesis in <i>Cichorium intybus</i> L. (<i>Asteraceae</i>). <i>Industrial Crops and Products</i> , 2019, 129, 253-260.	5.2	16
14	Elucidation of the role of glutamine synthetase seed isoform GLN1;5 in <i>Arabidopsis thaliana</i> (L.) with a reverse genetics approach. <i>Archives of Biological Sciences</i> , 2019, 71, 443-453.	0.5	1
15	Characterization of natural leaf senescence in tobacco (<i>Nicotiana tabacum</i>) plants grown in vitro. <i>Protoplasma</i> , 2016, 253, 259-275.	2.1	43
16	Differential regulation of GS-GOGAT gene expression by plant growth regulators in <i>Arabidopsis</i> seedlings. <i>Archives of Biological Sciences</i> , 2016, 68, 399-404.	0.5	7
17	DUF1070 as a signature domain of a subclass of arabinogalactan peptides. <i>Archives of Biological Sciences</i> , 2016, 68, 737-746.	0.5	4
18	Plant regeneration in leaf culture of <i>Centaureum erythraea</i> Rafn. Part 1: The role of antioxidant enzymes. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 121, 703-719.	2.3	27

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19	Plant regeneration in leaf culture of <i>Centaurium erythraea</i> Rafn. Part 2: the role of arabinogalactan proteins. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 121, 721-739.	2.3	17
20	Influence of sodium salicylate on rosmarinic acid, carnosol and carnosic acid accumulation by <i>Salvia officinalis</i> L. shoots grown in vitro. <i>Biotechnology Letters</i> , 2015, 37, 1693-1701.	2.2	15
21	Hairy root exudates of allelopathic weed <i>Chenopodium murale</i> L. induce oxidative stress and down-regulate core cell cycle genes in <i>Arabidopsis</i> and wheat seedlings. <i>Plant Growth Regulation</i> , 2015, 75, 365-382.	3.4	21
22	Production of guaianolides in <i>Agrobacterium rhizogenes</i> - transformed chicory regenerants flowering in vitro. <i>Industrial Crops and Products</i> , 2014, 60, 52-59.	5.2	13
23	Knockout mutants as a tool to identify the subunit composition of <i>Arabidopsis</i> glutamine synthetase isoforms. <i>Plant Physiology and Biochemistry</i> , 2014, 79, 1-9.	5.8	10
24	In vitro production of chlorogenic acid in culture of transformed <i>Cichorium intybus</i> L.: Plants. <i>Lekovite Sirovine</i> , 2014, 34, 55-67.	0.2	1
25	Overexpression of <i>Arabidopsis</i> cytokinin oxidase/dehydrogenase genes <i>AtCKX1</i> and <i>AtCKX2</i> in transgenic <i>Centaurium erythraea</i> Rafn.. <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 115, 139-150.	2.3	19
26	Introduction of dsRNA-specific ribonuclease <i>pac1</i> into <i>Impatiens walleriana</i> provides resistance to Tomato spotted wilt virus. <i>Scientia Horticulturae</i> , 2013, 164, 499-506.	3.6	3
27	Reverse Transcription of 18S rRNA with Poly(dT)18 and Other Homopolymers. <i>Plant Molecular Biology Reporter</i> , 2013, 31, 55-63.	1.8	23
28	Herbicide Phosphinothricin Causes Direct Stimulation Hormesis. <i>Dose-Response</i> , 2013, 11, dose-response.1.	1.6	20
29	Cytokinin Profiles of <i>AtCKX2</i> -Overexpressing Potato Plants and the Impact of Altered Cytokinin Homeostasis on Tuberization In Vitro. <i>Journal of Plant Growth Regulation</i> , 2012, 31, 460-470.	5.1	24
30	Response of antioxidative enzymes to long-term Tomato spotted wilt virus infection and virus elimination by meristem-tip culture in two <i>Impatiens</i> species. <i>Physiological and Molecular Plant Pathology</i> , 2012, 79, 79-88.	2.5	13
31	Contribution of inorganic cations and organic compounds to osmotic adjustment in root cultures of two <i>Centaurium</i> species differing in tolerance to salt stress. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 108, 389-400.	2.3	17
32	Dimethyl sulfoxide improves sensitivity and specificity of RT-PCR and qRT-PCR amplification of low-expressed transgenes. <i>Archives of Biological Sciences</i> , 2012, 64, 865-876.	0.5	18
33	Biosynthesis and localization of parthenolide in glandular trichomes of feverfew (<i>Tanacetum</i>) Tj ETQq1 1 0.784314,rgBT /Overlock 10	2.9	90
34	Coupling native page/activity-staining with SDS-PAGE/immunodetection for the analysis of glutamine synthetase isoforms in spinach. <i>Archives of Biological Sciences</i> , 2011, 63, 965-969.	0.5	1
35	Interaction of fire-related cues in seed germination of the potentially invasive species <i>Paulownia tomentosa</i> Steud. <i>Plant Species Biology</i> , 2010, 25, 193-202.	1.0	12
36	Manganese effects on in vitro development of lesser centaury [<i>Centaurium pulchellum</i> (Sw.) Druce]. <i>Archives of Biological Sciences</i> , 2009, 61, 279-283.	0.5	13

#	ARTICLE	IF	CITATIONS
37	Light modulates activity and expression of glutamine synthetase isoforms in maize seedling roots. Archives of Biological Sciences, 2008, 60, 649-660.	0.5	5
38	Effect of chilling and acclimation on the activity of glutamine synthetase isoforms in maize seedlings. Archives of Biological Sciences, 2007, 59, 177-185.	0.5	4
39	In-gel precipitation of enzymatically released phosphate. Analytical Biochemistry, 2004, 334, 312-317.	2.4	24