

Slavica Ninkovic

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	In vitro shoot organogenesis and comparative analysis of endogenous phytohormones in kohlrabi (<i>Brassica oleracea</i> var. <i>gongylodes</i>): effects of genotype, explant type and applied cytokinins. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 121, 741-760.	2.3	36
2	Extraordinary Adaptive Plasticity of Colorado Potato Beetle: "Ten-Striped Spearman" in the Era of Biotechnological Warfare. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1538.	4.1	36
3	Genetic transformation of alfalfa somatic embryos and their clonal propagation through repetitive somatic embryogenesis. <i>Plant Cell, Tissue and Organ Culture</i> , 1995, 42, 255-260.	2.3	32
4	Integrating the Roles for Cytokinin and Auxin in De Novo Shoot Organogenesis: From Hormone Uptake to Signaling Outputs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8554.	4.1	30
5	Endogenous levels of cytokinins, indole-3-acetic acid and abscisic acid in in vitro grown potato: A contribution to potato hormonomics. <i>Scientific Reports</i> , 2020, 10, 3437.	3.3	27
6	<i>Gentiana dinarica</i> Beck. hairy root cultures and evaluation of factors affecting growth and xanthone production. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 121, 667-679.	2.3	26
7	<i>Phytodecta fornicata</i> Bruggemann resistance mediated by oryzacystatin II proteinase inhibitor transgene. <i>Plant Cell, Tissue and Organ Culture</i> , 2007, 91, 289-294.	2.3	24
8	Cytokinin Profiles of AtCKX2-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
9	Co-expression of the proteinase inhibitors oryzacystatin I and oryzacystatin II in transgenic potato alters Colorado potato beetle larval development. <i>Insect Science</i> , 2017, 24, 768-780.	3.0	24
10	In vitro plant regeneration from immature zygotic embryos and repetitive somatic embryogenesis in kohlrabi (<i>Brassica oleracea</i> var. <i>gongylodes</i>). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2013, 49, 294-303.	2.1	21
11	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
12	Agrobacterium-mediated transformation and plant regeneration of buckwheat (<i>Fagopyrum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	2.3	19
13	Embryogenic responses of <i>Beta vulgaris</i> L. callus induced from transgenic hairy roots. <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 103, 81-91.	2.3	18
14	Pyramiding rice cystatin OCI and OCII genes in transgenic potato (<i>Solanum tuberosum</i> L.) for resistance to Colorado potato beetle (<i>Leptinotarsa decemlineata</i> Say). <i>Euphytica</i> , 2014, 198, 425-438.	1.2	18
15	Growth and development of Colorado potato beetle larvae, <i>Leptinotarsa decemlineata</i> , on potato plants expressing the oryzacystatin II proteinase inhibitor. <i>Transgenic Research</i> , 2015, 24, 729-740.	2.4	17
16	Hairy root culture as a valuable tool for allelopathic studies in apple. <i>Tree Physiology</i> , 2019, 39, 888-905.	3.1	17
17	Use of <i>Chenopodium murale</i> L. transgenic hairy root in vitro culture system as a new tool for allelopathic assays. <i>Journal of Plant Physiology</i> , 2012, 169, 1203-1211.	3.5	16
18	Sucrose interferes with endogenous cytokinin homeostasis and expression of organogenesis-related genes during de novo shoot organogenesis in kohlrabi. <i>Scientific Reports</i> , 2021, 11, 6494.	3.3	12

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19	Expression profiles of organogenesis-related genes over the time course of one-step de novo shoot organogenesis from intact seedlings of kohlrabi. <i>Journal of Plant Physiology</i> , 2019, 232, 257-269.	3.5	11
20	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
21	Physiological and cell ultrastructure disturbances in wheat seedlings generated by <i>Chenopodium murale</i> hairy root exudate. <i>Protoplasma</i> , 2018, 255, 1683-1692.	2.1	9
22	Induction of peroxidases and superoxide dismutases in transformed embryogenic calli of alfalfa (<i>Medicago sativa</i> L.). <i>Journal of Plant Physiology</i> , 2008, 165, 895-900.	3.5	8
23	Efficient genetic transformation of <i>Lotus corniculatus</i> L. using a direct shoot regeneration protocol, stepwise hygromycin B selection, and a super-binary <i>Agrobacterium tumefaciens</i> vector. <i>Archives of Biological Sciences</i> , 2007, 59, 311-317.	0.5	8
24	The effects of β -lactam antibiotics and hygromycin B on de novo shoot organogenesis in apple cv. Golden Delicious. <i>Archives of Biological Sciences</i> , 2018, 70, 179-190.	0.5	8
25	Beneficial implications of sugar beet proteinase inhibitor BvSTI on plant architecture and salt stress tolerance in <i>Lotus corniculatus</i> L. <i>Journal of Plant Physiology</i> , 2019, 243, 153055.	3.5	7
26	Phenotypic performance of transgenic potato (<i>Solanum tuberosum</i> L.) plants with pyramided rice cystatin genes (OCI and OCII). <i>Archives of Biological Sciences</i> , 2015, 67, 957-964.	0.5	7
27	Gibberellic acid promotes <i>in vitro</i> regeneration and shoot multiplication in <i>Lotus corniculatus</i> L. <i>Plant Growth Regulation</i> , 2010, 62, 181-188.	3.4	6
28	Effects of different types of sugars and plant growth regulators on kohlrabi seedling growth and development <i>in vitro</i> . <i>Archives of Biological Sciences</i> , 2020, 72, 349-357.	0.5	6
29	Efficient genetic transformation of <i>Impatiens hawkerii</i> Bull. (Balsamiaceae) using <i>agrobacterium rhizogenes</i> . <i>Archives of Biological Sciences</i> , 2009, 61, 467-474.	0.5	5
30	Carbohydrate nutrition and anthocyanin accumulation in light grown and etiolated shoot cultures of carob (<i>Ceratonia siliqua</i> L.). <i>Archives of Biological Sciences</i> , 2007, 59, 51-56.	0.5	4
31	Effect of nitrogen salts on the growth of <i>Ceratonia siliqua</i> L. Shoot cultures. <i>Archives of Biological Sciences</i> , 2007, 59, 217-222.	0.5	4
32	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
33	Transcriptome Profiling of the Potato Exposed to French Marigold Essential Oil with a Special Emphasis on Leaf Starch Metabolism and Defense against Colorado Potato Beetle. <i>Plants</i> , 2021, 10, 172.	3.5	3
34	The procedure providing enhanced <i>Agrobacterium</i> -mediated transformation of wheat. <i>Biologia (Poland)</i> , 2014, 69, 1668-1677.	1.5	2
35	<i>In vitro</i> multiplication of oryzacystatin II transformed Alfalfa on GA3-containing medium. <i>Archives of Biological Sciences</i> , 2008, 60, 9-10.	0.5	1