Suzana Å½ivkoviÄ

List of Publications by Year
in descending order

34 papers	717 citations	623734 14 h-index	552781 26 g-index
34 all docs	34 docs citations	34 times ranked	1123 citing authors

#	Article	IF	Citations
1	Treatment of Chrysanthemum Synthetic Seeds by Air SDBD Plasma. Plants, 2022, 11, 907.	3.5	6
2	Antagonistic Interaction between Phosphinothricin and Nepeta rtanjensis Essential Oil Affected Ammonium Metabolism and Antioxidant Defense of Arabidopsis Grown In Vitro. Plants, 2021, 10, 142.	3.5	1
3	Rehydration Process in Rustyback Fern (Asplenium ceterach L.): Profiling of Volatile Organic Compounds. Biology, 2021, 10, 574.	2.8	3
4	Antioxidant and antimicrobial activity of two Asplenium species. South African Journal of Botany, 2020, 132, 180-187.	2.5	13
5	Reactive nitrogen species in plasma-activated water: generation, chemistry and application in agriculture. Journal Physics D: Applied Physics, 2020, 53, 223001.	2.8	139
6	Nepetalactone-rich essential oil mitigates phosphinothricin-induced ammonium toxicity in Arabidopsis thaliana (L.) Heynh.. Journal of Plant Physiology, 2019, 237, 87-94.	3.5	3
7	Secoiridoids Metabolism Response to Wounding in Common Centaury (Centaurium erythraea Rafn) Leaves. Plants, 2019, 8, 589.	3.5	5
8	Destruction of chemical warfare surrogates using a portable atmospheric pressure plasma jet. European Physical Journal D, 2018, 72, 1.	1.3	21
9	Activity of catalase enzyme in Paulownia tomentosa seeds during the process of germination after treatments with low pressure plasma and plasma activated water. Plasma Processes and Polymers, 2018, 15, 1700082.	3.0	42
10	In vitro and in vivo transformations of Centaurium erythraea secoiridoid glucosides alternate their antioxidant and antimicrobial capacity. Industrial Crops and Products, 2018, 111, 705-721.	5.2	24
11	Differences in bioactivity of three endemic Nepeta species arising from main terpenoid and phenolic constituents. Archives of Biological Sciences, 2018, 70, 63-76.	0.5	7
12	Phytochemical characterization and antioxidant potential of rustyback fern (Asplenium ceterach L.). Lekovite Sirovine, 2017, , 15-20.	0.2	14
13	Complete determination of plant tissues based only on autoâ€fluorescence and the advanced image analysis â€“ study of needles and stamens. Journal of Chemometrics, 2015, 29, 521-527.	1.3	0
14	Essential oils of two Nepeta species inhibit growth and induce oxidative stress in ragweed (Ambrosia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.1	19
15	Simultaneous UHPLC/DAD/(+/âˆ’)HESIâ€“MS/MS Analysis of Phenolic Acids and Nepetalactones in Methanol Extracts of Nepeta Species: A Possible Application in Chemotaxonomic Studies. Phytochemical Analysis, 2015, 26, 72-85.	2.4	74
16	Morpho-histological and bioherbicidal evaluation of wild-type and transformed hairy roots of goosefoot. South African Journal of Botany, 2015, 96, 53-61.	2.5	5
17	Centauries as underestimated food additives: Antioxidant and antimicrobial potential. Food Chemistry, 2014, 147, 367-376.	8.2	68
18	Long and short term effects of plasma treatment on meristematic plant cells. Applied Physics Letters, 2014, 104, .	3.3	35

#	Article	IF	Citations
19	Reverse Transcription of 18S rRNA with Poly(dT)18 and Other Homopolymers. Plant Molecular Biology Reporter, 2013, 31, 55-63.	1.8	23
20	Use of Chenopodium murale L. transgenic hairy root in vitro culture system as a new tool for allelopathic assays. Journal of Plant Physiology, 2012, 169, 1203-1211.	3.5	16
21	Efficient one-step tissue culture protocol for propagation of endemic plant, Lilium martagon var. cattaniae Vis.. African Journal of Biotechnology, 2012, 11, 1862-1867.	0.6	9
22	Cytotoxic activity of ethanol extracts of in vitro grown Cistus creticus subsp. creticus L. on human cancer cell lines. Industrial Crops and Products, 2012, 38, 153-159.	5.2	41
23	In Vitro Growth, Morphogenesis, and Acclimatization of Endangered Rindera umbellata (Waldst. &) Tj ETQq1 1 0.784314 rgBT /Ove 1123-1128.	1.0	5
24	Comparative study on the effects of NaCl on selected moss and fern representatives. Australian Journal of Botany, 2011, 59, 734.	0.6	19
25	Genetic structure of the rare moss species Rhodobryum ontariense in Vojvodina (Serbia) as inferred by isozymes. Archives of Biological Sciences, 2011, 63, 151-155.	0.5	2
26	Superoxide dismutase activity and isoenzyme profiles in bulbs of snake's head fritillary in response to cold treatment. Archives of Biological Sciences, 2010, 62, 553-558.	0.5	16
27	Dehydration-related changes of peroxidase and polyphenol oxidase activity in fronds of the resurrection fern Asplenium ceterach L.. Archives of Biological Sciences, 2010, 62, 1071-1081.	0.5	20
28	Rapid in vitro selection of salt-tolerant genotypes of the potentially medicinal plant Centaurium maritimum (L.) fritsch. Archives of Biological Sciences, 2009, 61, 57-69.	0.5	12
29	Basic seed germination characteristics of the endemic species Nepeta rtanjensis (Lamiaceae). Plant Species Biology, 2007, 22, 205-210.	1.0	8
30	Cytokinins and urea derivatives stimulate seed germination in Lotus corniculatus L.. Archives of Biological Sciences, 2007, 59, 125-128.	0.5	6
31	Measurements of voltageâ€“current characteristics of a plasma needle and its effect on plant cells. Journal Physics D: Applied Physics, 2006, 39, 3514-3519.	2.8	47
32	Stimulation of Empress Tree Seed Germination by Liquid Smoke. Plant Growth Regulation, 2005, 47, 141-148.	3.4	13
33	The counteracting effect of potassium cyanide in sodium azide-inhibited germination of Paulownia tomentosaÂ Steud. seeds. Archives of Biological Sciences, 2005, 57, 29-34.	0.5	1
34	Functional Characterization of Genes Coding for Novel Î²-D-Glucosidases Involved in the Initial Step of Secoiridoid Glucosides Catabolism in Centaurium erythraea Rafn. Frontiers in Plant Science, 0, 13, .	3.6	0