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List of Publications by Year in descending order

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papers

717
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623734

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1123
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#	ARTICLE	IF	CITATIONS
1	Reactive nitrogen species in plasma-activated water: generation, chemistry and application in agriculture. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 223001.	2.8	139
2	Simultaneous UHPLC/DAD/(+/-)HESI-MS/MS Analysis of Phenolic Acids and Nepetalactones in Methanol Extracts of <i>Nepeta</i> Species: A Possible Application in Chemotaxonomic Studies. <i>Phytochemical Analysis</i> , 2015, 26, 72-85.	2.4	74
3	Centauries as underestimated food additives: Antioxidant and antimicrobial potential. <i>Food Chemistry</i> , 2014, 147, 367-376.	8.2	68
4	Measurements of voltage-current characteristics of a plasma needle and its effect on plant cells. <i>Journal Physics D: Applied Physics</i> , 2006, 39, 3514-3519.	2.8	47
5	Activity of catalase enzyme in <i>Paulownia tomentosa</i> seeds during the process of germination after treatments with low pressure plasma and plasma activated water. <i>Plasma Processes and Polymers</i> , 2018, 15, 1700082.	3.0	42
6	Cytotoxic activity of ethanol extracts of in vitro grown <i>Cistus creticus</i> subsp. <i>creticus</i> L. on human cancer cell lines. <i>Industrial Crops and Products</i> , 2012, 38, 153-159.	5.2	41
7	Long and short term effects of plasma treatment on meristematic plant cells. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	35
8	In vitro and in vivo transformations of <i>Centaurium erythraea</i> secoiridoid glucosides alternate their antioxidant and antimicrobial capacity. <i>Industrial Crops and Products</i> , 2018, 111, 705-721.	5.2	24
9	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
10	Destruction of chemical warfare surrogates using a portable atmospheric pressure plasma jet. <i>European Physical Journal D</i> , 2018, 72, 1.	1.3	21
11	Dehydration-related changes of peroxidase and polyphenol oxidase activity in fronds of the resurrection fern <i>Asplenium ceterach</i> L.. <i>Archives of Biological Sciences</i> , 2010, 62, 1071-1081.	0.5	20
12	Comparative study on the effects of NaCl on selected moss and fern representatives. <i>Australian Journal of Botany</i> , 2011, 59, 734.	0.6	19
13	Essential oils of two <i>Nepeta</i> species inhibit growth and induce oxidative stress in ragweed (<i>Ambrosia</i>) Tj ETQq1 1 0,784314 rgBT /Over	2.1	19
14	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
15	Superoxide dismutase activity and isoenzyme profiles in bulbs of snake's head fritillary in response to cold treatment. <i>Archives of Biological Sciences</i> , 2010, 62, 553-558.	0.5	16
16	Phytochemical characterization and antioxidant potential of rustyback fern (<i>Asplenium ceterach</i> L.). <i>Lekovite Sirovine</i> , 2017, , 15-20.	0.2	14
17	Stimulation of Empress Tree Seed Germination by Liquid Smoke. <i>Plant Growth Regulation</i> , 2005, 47, 141-148.	3.4	13
18	Antioxidant and antimicrobial activity of two <i>Asplenium</i> species. <i>South African Journal of Botany</i> , 2020, 132, 180-187.	2.5	13

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19	Rapid in vitro selection of salt-tolerant genotypes of the potentially medicinal plant <i>Centaurium maritimum</i> (L.) fritsch. <i>Archives of Biological Sciences</i> , 2009, 61, 57-69.	0.5	12
20	Efficient one-step tissue culture protocol for propagation of endemic plant, <i>Lilium martagon</i> var. <i>cattaniae</i> Vis.. <i>African Journal of Biotechnology</i> , 2012, 11, 1862-1867.	0.6	9
21	Basic seed germination characteristics of the endemic species <i>Nepeta rtanjensis</i> (Lamiaceae). <i>Plant Species Biology</i> , 2007, 22, 205-210.	1.0	8
22	Differences in bioactivity of three endemic <i>Nepeta</i> species arising from main terpenoid and phenolic constituents. <i>Archives of Biological Sciences</i> , 2018, 70, 63-76.	0.5	7
23	Cytokinins and urea derivatives stimulate seed germination in <i>Lotus corniculatus</i> L.. <i>Archives of Biological Sciences</i> , 2007, 59, 125-128.	0.5	6
24	Treatment of <i>Chrysanthemum</i> Synthetic Seeds by Air SDBD Plasma. <i>Plants</i> , 2022, 11, 907.	3.5	6
25	Morpho-histological and bioherbicidal evaluation of wild-type and transformed hairy roots of goosefoot. <i>South African Journal of Botany</i> , 2015, 96, 53-61.	2.5	5
26	Secoiridoids Metabolism Response to Wounding in Common Centaury (<i>Centaurium erythraea</i> Rafn) Leaves. <i>Plants</i> , 2019, 8, 589.	3.5	5
27	In Vitro Growth, Morphogenesis, and Acclimatization of Endangered <i>Rindera umbellata</i> (Waldst. & Tj ETQq1 1 0.784314 rgBT /C 1123-1128.	1.0	5
28	Nepetalactone-rich essential oil mitigates phosphinothricin-induced ammonium toxicity in <i>Arabidopsis thaliana</i> (L.) Heynh.. <i>Journal of Plant Physiology</i> , 2019, 237, 87-94.	3.5	3
29	Rehydration Process in Rustyback Fern (<i>Asplenium ceterach</i> L.): Profiling of Volatile Organic Compounds. <i>Biology</i> , 2021, 10, 574.	2.8	3
30	Genetic structure of the rare moss species <i>Rhodobryum ontariense</i> in Vojvodina (Serbia) as inferred by isozymes. <i>Archives of Biological Sciences</i> , 2011, 63, 151-155.	0.5	2
31	Antagonistic Interaction between Phosphinothricin and <i>Nepeta rtanjensis</i> Essential Oil Affected Ammonium Metabolism and Antioxidant Defense of <i>Arabidopsis</i> Grown In Vitro. <i>Plants</i> , 2021, 10, 142.	3.5	1
32	The counteracting effect of potassium cyanide in sodium azide-inhibited germination of <i>Paulownia tomentosa</i> Steud. seeds. <i>Archives of Biological Sciences</i> , 2005, 57, 29-34.	0.5	1
33	Complete determination of plant tissues based only on autofluorescence and the advanced image analysis – study of needles and stamens. <i>Journal of Chemometrics</i> , 2015, 29, 521-527.	1.3	0
34	Functional Characterization of Genes Coding for Novel Î²-D-Glucosidases Involved in the Initial Step of Secoiridoid Glucosides Catabolism in <i>Centaurium erythraea</i> Rafn. <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	0