

# Biljana K FilipoviÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

235  
citations

933447

10  
h-index

996975

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

273  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant regeneration in leaf culture of <i>Centaurium 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
2	Effects of salinity on in vitro growth and photosynthesis of common centaury ( <i>Centaurium erythraea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	26
3	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
4	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
5	Somatic Embryogenesis in <i>Centaurium erythraea</i> Rafnâ€™ Current Status and Perspectives: A Review. <i>Plants</i> , 2021, 10, 70.	3.5	16
6	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
7	Phytochemical characterization and antioxidant potential of rustyback fern ( <i>Asplenium ceterach</i> L.). <i>Lekovite Sirovine</i> , 2017, , 15-20.	0.2	14
8	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
9	Interaction of fireâ€™related cues in seed germination of the potentially invasive species <i>Paulownia tomentosa</i> </i> Steud. <i>Plant Species Biology</i> , 2010, 25, 193-202.	1.0	12
10	Organ-specific and genotype-dependent constitutive biosynthesis of secoiridoid glucosides in <i>Centaurium erythraea</i> Rafn, and its elicitation with methyl jasmonate. <i>Phytochemistry</i> , 2018, 155, 69-82.	2.9	12
11	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
12	Secondary Somatic Embryogenesis in <i>Centaurium erythraea</i> Rafn. <i>Plants</i> , 2021, 10, 199.	3.5	11
13	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
14	Plant regeneration in leaf culture of <i>Centaurium 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
15	Ecophysiological and anatomical characteristics of the subtropical shrub <i>Zanthoxylum acanthopodium</i> (Rutaceae) in conditions of a temperate continental climate (Serbia). <i>Archives of Biological Sciences</i> , 2009, 61, 249-260.	0.5	6
16	Secoiridoids Metabolism Response to Wounding in Common Centaury ( <i>Centaurium erythraea</i> Rafn) Leaves. <i>Plants</i> , 2019, 8, 589.	3.5	5
17	Immunolocalization of some arabinogalactan protein epitopes during indirect somatic embryogenesis and shoot organogenesis in leaf culture of centaury ( <i>Centaurium erythraea</i> Rafn). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2021, 57, 470-480.	2.1	4
18	Rehydration Process in Rustyback Fern ( <i>Asplenium ceterach</i> L.): Profiling of Volatile Organic Compounds. <i>Biology</i> , 2021, 10, 574.	2.8	3

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19	Diploid vs. tetraploid <i>Centaurium erythraea</i> Rafn: A comparative study of regenerative in vitro potential and biosynthetic capacity. <i>Lekovite Sirovine</i> , 2019, , 52-59.	0.2	2
20	Functional Characterization of Genes Coding for Novel $\beta$ -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
21	Spatial and temporal patterns of secoiridoid and xanthone biosynthetic pathways during early development of <i>Centaurium erythraea</i> Rafn, as altered by ploidy level. <i>Industrial Crops and Products</i> , 2022, 186, 115146.	5.2	0