

# Borut Bohanec

## List of Publications by Year in descending order

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34  
papers

956  
citations

567281

15  
h-index

477307

29  
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34  
docs citations

34  
times ranked

1188  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial and temporal patterns of secoiridoid and xanthone biosynthetic pathways during early development of <i>Centaureum erythraea</i> Rafn, as altered by ploidy level. <i>Industrial Crops and Products</i> , 2022, 186, 115146.	5.2	0
2	Proposal of a New Hybrid Breeding Method Based on Genotyping, Inter-Pollination, Phenotyping and Paternity Testing of Selected Elite F1 Hybrids. <i>Frontiers in Plant Science</i> , 2019, 10, 1111.	3.6	8
3	Deep sequencing analysis of CRISPR/Cas9 induced mutations by two delivery methods in target model genes and the CENH3 region of red cabbage ( <i>Brassica oleracea</i> var. <i>capitata</i> f. <i>rubra</i> ). <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 139, 227-235.	2.3	18
4	Implementing an EU opt-in mechanism for GM crop cultivation. <i>EMBO Reports</i> , 2019, 20, .	4.5	8
5	Why the European Union needs a national GMO opt-in mechanism. <i>Nature Biotechnology</i> , 2018, 36, 18-19.	17.5	23
6	DNA-Free Genome Editing of <i>Brassica oleracea</i> and <i>B. rapa</i> Protoplasts Using CRISPR-Cas9 Ribonucleoprotein Complexes. <i>Frontiers in Plant Science</i> , 2018, 9, 1594.	3.6	134
7	Improvements of doubled haploid production protocol for white cabbage ( <i>Brassica oleracea</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	1.8	14
8	Chemodiversity of two closely related tetraploid <i>Centaureum</i> species and their hexaploid hybrid: Metabolomic search for high-resolution taxonomic classifiers. <i>Phytochemistry</i> , 2017, 140, 27-44.	2.9	37
9	DNA labelling of varieties covered by patent protection: a new solution for managing intellectual property rights in the seed industry. <i>Transgenic Research</i> , 2017, 26, 87-95.	2.4	10
10	Occurrence of endophytic fungi causing recalcitrance of olive cultivar "Istrska belica"™ during shoot culture establishment. <i>Archives of Biological Sciences</i> , 2016, 68, 177-186.	0.5	4
11	Adventitious regeneration in styrian oil pumpkin in relation to the endoreduplication pattern and induced tetraploidy on fusaric acid-supplemented media. <i>Plant Growth Regulation</i> , 2015, 75, 587-594.	3.4	3
12	Genetic analyses of anthocyanin concentrations and intensity of red bulb color among segregating haploid progenies of onion. <i>Molecular Breeding</i> , 2014, 34, 75-85.	2.1	23
13	<i>Agrobacterium tumefaciens</i> -mediated transformation of bush monkey-flower ( <i>Mimulus aurantiacus</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	2.3	8
14	Impact of abscisic acid in overcoming the problem of albinism in horse chestnut androgenic embryos. <i>Trees - Structure and Function</i> , 2013, 27, 755-762.	1.9	10
15	Haploid induction in <i>Mimulus aurantiacus</i> Curtis obtained by pollination with gamma irradiated pollen. <i>Scientia Horticulturae</i> , 2013, 162, 218-225.	3.6	9
16	Effect of X-ray irradiation on olive shoot culture evaluated by morphological measurements, nuclear DNA content and SSR and AFLP markers. <i>Trees - Structure and Function</i> , 2013, 27, 1587-1595.	1.9	12
17	Haploid Induction in Hull-less Seed Pumpkin through Parthenogenesis Induced by X-ray-irradiated Pollen. <i>Journal of the American Society for Horticultural Science</i> , 2013, 138, 310-316.	1.0	12
18	Ploidy and sex expression in monoecious hop ( <i>Humulus lupulus</i> ). <i>Botany</i> , 2012, 90, 617-626.	1.0	6

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19	Genetic relations among basil taxa ( <i>Ocimum</i> L.) based on molecular markers, nuclear DNA content, and chromosome number. <i>Plant Systematics and Evolution</i> , 2010, 285, 13-22.	0.9	85
20	Origins of <i>Allium ampeloprasum</i> horticultural groups and a molecular phylogeny of the section <i>Allium</i> ( <i>Allium</i> : <i>Alliaceae</i> ). <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 488-497.	2.7	64
21	Doubled haploid production in rocket ( <i>Eruca sativa</i> Mill.) through isolated microspore culture. <i>Plant Cell, Tissue and Organ Culture</i> , 2008, 93, 181-189.	2.3	20
22	Measurement of nuclear DNA content of the genus <i>Trifolium</i> L. as a measure of genebank accession identity. <i>Genetic Resources and Crop Evolution</i> , 2008, 55, 1323-1334.	1.6	8
23	Onion Inbred Line "B8667 A&B"™ and Synthetic Populations "Sapporo-Ki-1 A&B"™ and "Onion Haploid-1"™. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2007, 42, 1731-1732.	1.0	10
24	Genetic characterization of selected <i>Trifolium</i> species as revealed by nuclear DNA content and ITS rDNA region analysis. <i>Plant Science</i> , 2006, 170, 859-866.	3.6	56
25	The development of onion ( <i>Allium cepa</i> L.) Embryo sacs in vitro and gynogenesis induction in relation to flower size. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2005, 41, 446-452.	2.1	21
26	Genetic Characterization of an Unknown Chinese Bulbous Leek-like Accession and its Relationship to Similar <i>Allium</i> Species. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1690-1694.	1.0	9
27	Genome size of Adriatic seagrasses. <i>Aquatic Botany</i> , 2003, 77, 17-25.	1.6	21
28	Genetic Analyses of Gynogenetic Haploid Production in Onion. <i>Journal of the American Society for Horticultural Science</i> , 2003, 128, 571-574.	1.0	22
29	Genetic variability of economically important <i>Asparagus</i> species as revealed by genome size analysis and rDNA ITS polymorphisms. <i>Plant Science</i> , 2002, 162, 931-937.	3.6	63
30	Embryological study on gynogenesis in onion ( <i>Allium cepa</i> L.). <i>Sexual Plant Reproduction</i> , 2001, 13, 335-341.	2.2	20
31	Determination of aneuploids in hop ( <i>Humulus lupulus</i> L.) using flow cytometry. <i>Pflügers Archiv European Journal of Physiology</i> , 2000, 439, r016-r018.	2.8	7
32	Studies of gynogenesis in onion ( <i>Allium cepa</i> L.): induction procedures and genetic analysis of regenerants. <i>Plant Science</i> , 1995, 104, 215-224.	3.6	88
33	Stimulation of androgenesis in white cabbage ( <i>Brassica oleracea</i> var. <i>capitata</i> ) anthers by low temperature and anther dissection. <i>Plant Cell, Tissue and Organ Culture</i> , 1993, 32, 241-246.	2.3	34
34	Haploids and Doubled Haploids in Plant Breeding. , 0, , .		89