

Jerzy Bohdanowicz

List of Publications by Year in descending order

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48
papers

690
citations

567144

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48
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813
citing authors

#	ARTICLE	IF	CITATIONS
1	How Does the Sweet Violet (<i>Viola odorata</i> L.) Fight Pathogens and Pests – Cyclotides as a Comprehensive Plant Host Defense System. <i>Frontiers in Plant Science</i> , 2018, 9, 1296.	1.7	51
2	Studies on the ultrastructure of a three-spurred <i>fumeauxiana</i> form of <i>Anacamptis pyramidalis</i> . <i>Plant Systematics and Evolution</i> , 2012, 298, 1025-1035.	0.3	39
3	Ultrastructure and histochemical analysis of extracellular matrix surface network in kiwifruit endosperm-derived callus culture. <i>Plant Cell Reports</i> , 2008, 27, 1137-1145.	2.8	36
4	Extracellular Matrix Surface Network During Plant Regeneration in Wheat Anther Culture. <i>Plant Cell, Tissue and Organ Culture</i> , 2005, 83, 201-208.	1.2	30
5	Immunolocalization of cyclotides in plant cells, tissues and organ supports their role in host defense. <i>Planta</i> , 2016, 244, 1029-1040.	1.6	30
6	Aggregation of heat-shock-denatured, endogenous proteins and distribution of the IbpA/B and Fda marker-proteins in <i>Escherichia coli</i> WT and <i>grpE280</i> cells. <i>Microbiology (United Kingdom)</i> , 2004, 150, 247-259.	0.7	29
7	Establishing the cell biology of apomictic reproduction in diploid <i>Boechera stricta</i> (Brassicaceae). <i>Annals of Botany</i> , 2018, 122, 513-539.	1.4	29
8	Distribution of pectin and arabinogalactan protein epitopes during organogenesis from androgenic callus of wheat. <i>Plant Cell Reports</i> , 2007, 26, 355-363.	2.8	28
9	Identification, characterization and purification of the lantibiotic staphylococcin T, a natural gallidermin variant. <i>Journal of Applied Microbiology</i> , 1999, 87, 856-866.	1.4	23
10	Extracellular matrix of plant callus tissue visualized by ESEM and SEM. <i>Protoplasma</i> , 2010, 247, 121-125.	1.0	22
11	Changes in hair morphology of mucopolysaccharidosis I patients treated with recombinant human \pm -L-iduronidase (Iaronidase, Aldurazyme). <i>American Journal of Medical Genetics, Part A</i> , 2005, 139A, 199-203.	0.7	19
12	New data about the suspensor of succulent angiosperms: Ultrastructure and cytochemical study of the embryo-suspensor of <i>Sempervivum arachnoideum</i> L. and <i>Jovibarba sobolifera</i> (Sims) Opiz. <i>Protoplasma</i> , 2012, 249, 613-624.	1.0	19
13	Floral structure and pollen morphology of two zinc violets (<i>Viola lutea</i> ssp. <i>calaminaria</i> and <i>V. lutea</i>) Tj ETQq1 1 0.784314 rgBT /Overlaid 298, 445-455.	0.3	19
14	A morphometric and stereological analysis of ultrastructural changes in two <i>Scenedesmus</i> (Chlorococcales, Chlorophyta) strains subjected to diesel fuel oil pollution. <i>Phycologia</i> , 1998, 37, 388-393.	0.6	17
15	Studies on floral nectary, tepals structure, and gynostemium morphology of <i>Epipactis palustris</i> (L.) Crantz (Orchidaceae). <i>Protoplasma</i> , 2015, 252, 321-333.	1.0	17
16	<i>Alisma</i> embryogenesis: The development and ultrastructure of the suspensor. <i>Protoplasma</i> , 1987, 137, 71-83.	1.0	16
17	Unusual electron-dense dome associates with compound plasmodesmata in the embryo-suspensor of genus <i>Sedum</i> (Crassulaceae). <i>Protoplasma</i> , 2010, 247, 117-120.	1.0	15
18	Behavioral and physiological effects of <i>Viola</i> spp. cyclotides on <i>Myzus persicae</i> (Sulz.). <i>Journal of Insect Physiology</i> , 2020, 122, 104025.	0.9	15

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19	Microtubular organization during asymmetrical division of the generative cell in <i>Gagea lutea</i> . Journal of Plant Research, 1995, 108, 269-276.	1.2	14
20	Are extracellular matrix surface network components involved in signalling and protective function?. Plant Signaling and Behavior, 2008, 3, 707-709.	1.2	14
21	Larval <i>Contraecum</i> sp. (Nematoda: Anisakidae) in the Great Cormorant [<i>Phalacrocorax carbo</i> (L.) Tj ETQq1 1 0.784314 rgBT /Overlo Parasitology, 2009, 166, 90-97.	0.7	14
22	Floral features of two species of <i>Bulbophyllum</i> section <i>Lepidorhiza</i> Schltr.: <i>B. levanae</i> Ames and <i>B. nymphopolitanum</i> Kraenzl. (Bulbophyllinae Schltr., Orchidaceae). Protoplasma, 2018, 255, 485-499.	1.0	14
23	Are unusual plasmodesmata in the embryo-suspensor restricted to species from the genus <i>Sedum</i> among Crassulaceae?. Flora: Morphology, Distribution, Functional Ecology of Plants, 2011, 206, 684-690.	0.6	13
24	Embryogenesis in <i>Sedum acre</i> L.: structural and immunocytochemical aspects of suspensor development. Protoplasma, 2011, 248, 775-784.	1.0	13
25	Cutin plays a role in differentiation of endosperm-derived callus of kiwifruit. Plant Cell Reports, 2011, 30, 2143-2152.	2.8	12
26	Genotype-dependent efficiency of endosperm development in culture of selected cereals: histological and ultrastructural studies. Protoplasma, 2013, 250, 361-369.	1.0	12
27	Taxonomic placement of <i>Paphiopedilum canhii</i> (Cypripedioideae; Orchidaceae) based on cytological, molecular and micromorphological evidence. Molecular Phylogenetics and Evolution, 2014, 70, 429-441.	1.2	12
28	Ultrastructure of endopolyploid antipodals in <i>Aconitum vulparia</i> Rchb.. Protoplasma, 1985, 127, 163-170.	1.0	10
29	In vitro culture promotes partial autonomous endosperm development in unfertilized ovules of wild-type <i>Arabidopsis thaliana</i> var. Columbia. Sexual Plant Reproduction, 2005, 18, 29-36.	2.2	10
30	<i>Rhinanthus serotinus</i> (SchÅ¶nheit) Oborny (Scrophulariaceae): immunohistochemical and ultrastructural studies of endosperm chalazal haustorium development. Protoplasma, 2013, 250, 1369-1380.	1.0	10
31	Cleistogamy and phylogenetic position of <i>Viola uliginosa</i> (Violaceae) re-examined. Botanical Journal of the Linnean Society, 2016, 182, 180-194.	0.8	10
32	Lack of correlation between pollen aperture number and environmental factors in pansies (<i>Viola</i> L., sect. <i>Melanium</i> Ging.) â€œ pollen heteromorphism reâ€™examined. Plant Biology, 2018, 20, 555-562.	1.8	9
33	Rab-dependent vesicular traffic affects female gametophyte development in <i>Arabidopsis</i> . Journal of Experimental Botany, 2021, 72, 320-340.	2.4	9
34	Insight into â€œserpentine syndromeâ€™ of Albanian, endemic violets (<i>Viola</i> L., <i>Melanium</i> Ging.) Tj ETQq0 0 0 rgBT /Overlock Biosystems, 2017, 151, 1022-1034.	0.8	8
35	Ultrastructure of endopolyploid antipodals in <i>Aconitum vulparia</i> Rchb.. Protoplasma, 1987, 140, 13-21.	1.0	7
36	Development of Nuclear Vacuoles in Sugar Beet Male Meiocytes. Annals of Botany, 1990, 66, 139-146.	1.4	7

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37	Extracellular matrix surface network is associated with non-morphogenic calli of <i>Helianthus tuberosus</i> cv. Albik produced from various explants. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 83, 67-73.	0.8	7
38	Exogenous steroid hormones stimulate full development of autonomous endosperm in <i>Arabidopsis thaliana</i> . <i>Acta Societatis Botanicorum Poloniae</i> , 2015, 84, 287-301.	0.8	7
39	Chemical Vapor Deposition of Diamond Films in Hot Filament Reactor. <i>Crystal Research and Technology</i> , 2001, 36, 961-970.	0.6	5
40	Comprehensive characteristics and genetic diversity of the endemic Australian <i>Viola banksii</i> (section) Tj ETQq0 0 0 ggBT /Overlock 10 Tf 0.3	0.3	5
41	A new pollination system in non-cleistogamous species of <i>Viola</i> results from nyctinastic (night-closing) petal movements – A mixed outcrossing-selfing strategy. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019, 253, 1-9.	0.6	5
42	The organization of microtubules during generative-cell division in <i>Convallaria majalis</i> . <i>Protoplasma</i> , 1999, 207, 147-153.	1.0	2
43	<i>Alisma plantago-aquatica</i> L.: the cytoskeleton of the suspensor development. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 83, 159-166.	0.8	2
44	Chromosome Number and Genome Size Evolution in <i>Braselia</i> and <i>Sobralia</i> (Sobralieae, Orchidaceae). <i>International Journal of Molecular Sciences</i> , 2022, 23, 3948.	1.8	2
45	THE INFLUENCE OF <i>pie</i> AND <i>met1</i> MUTATIONS AND IN VITRO CULTURE CONDITIONS ON AUTONOMOUS ENDOSPERM DEVELOPMENT IN UNFERTILIZED OVULES OF <i>ARABIDOPSIS THALIANA</i> . <i>Acta Biologica Cracoviensia Series Botanica</i> , 2013, 55, .	0.5	1
46	Suspensor Development in <i>Gagea Lutea</i> (L.) Ker Gawl., with Emphasis on the Cytoskeleton. <i>Acta Biologica Cracoviensia Series Botanica</i> , 2015, 56, 79-90.	0.5	1
47	Seasonal and Simultaneous Cleistogamy in Rostrate Violets (<i>Viola</i> , subsect. <i>Rostratae</i> , <i>Violaceae</i>). <i>Plants</i> , 2021, 10, 2147.	1.6	1
48	Developmental and Cytochemical Studies of the Endosperm Chalazal Haustorium of <i>Rhinanthus Serotinus</i> (<i>Scrophulariaceae</i>). <i>Acta Biologica Cracoviensia Series Botanica</i> , 2013, 55, .	0.5	0