Jerzy Bohdanowicz

List of Publications by Citations

43 papers	532 citations	13 h-index	19 g-index
48 ext. papers	604 ext. citations	3.1 avg, IF	3.51 L-index

#	Paper	IF	Citations
43	Studies on the ultrastructure of a three-spurred fumeauxiana form of Anacamptis pyramidalis. *Plant Systematics and Evolution*, **2012**, 298, 1025-1035	1.3	35
42	Ultrastructure and histochemical analysis of extracellular matrix surface network in kiwifruit endosperm-derived callus culture. *Plant Cell Reports*, **2008**, 27, 1137-45	5.1	32
41	How Does the Sweet Violet (L.) Fight Pathogens and Pests - Cyclotides as a Comprehensive Plant Host Defense System. *Frontiers in Plant Science*, **2018**, 9, 1296	6.2	32
40	Aggregation of heat-shock-denatured, endogenous proteins and distribution of the IbpA/B and Fda marker-proteins in Escherichia coli WT and grpE280 cells. *Microbiology (United Kingdom)*, **2004**, 150, 247-259	2.9	28
39	Distribution of pectin and arabinogalactan protein epitopes during organogenesis from androgenic callus of wheat. *Plant Cell Reports*, **2007**, 26, 355-63	5.1	25
38	Extracellular Matrix Surface Network During Plant Regeneration in Wheat Anther Culture. *Plant Cell, Tissue and Organ Culture*, **2005**, 83, 201-208	2.7	25
37	Immunolocalization of cyclotides in plant cells, tissues and organ supports their role in host defense. *Planta*, **2016**, 244, 1029-1040	4.7	23
36	Identification, characterization and purification of the lantibiotic staphylococcin T, a natural gallidermin variant. *Journal of Applied Microbiology*, **1999**, 87, 856-66	4.7	22
35	Extracellular matrix of plant callus tissue visualized by ESEM and SEM. *Protoplasma*, **2010**, 247, 121-5	3.4	18
34	Floral structure and pollen morphology of two zinc violets (Viola lutea ssp. calaminaria and V. lutea ssp. westfalica) indicate their taxonomic affinity to Viola lutea. *Plant Systematics and Evolution*, **2012**, 298, 445-455	1.3	17
33	Changes in hair morphology of mucopolysaccharidosis I patients treated with recombinant human alpha-L-iduronidase (laronidase, Aldurazyme). *American Journal of Medical Genetics, Part A*, **2005**, 139, 199-203	2.5	17
32	Establishing the cell biology of apomictic reproduction in diploid Boechera stricta (Brassicaceae). *Annals of Botany*, **2018**, 122, 513-539	4.1	17
31	New data about the suspensor of succulent angiosperms: Ultrastructure and cytochemical study of the embryo-suspensor of Sempervivum arachnoideum L. and Jovibarba sobolifera (Sims) Opiz. *Protoplasma*, **2012**, 249, 613-24	3.4	14
30	Studies on floral nectary, tepals' structure, and gynostemium morphology of Epipactis palustris (L.) Crantz (Orchidaceae). *Protoplasma*, **2015**, 252, 321-33	3.4	13
29	Floral features of two species of Bulbophyllum section Lepidorhiza Schltr.: B. levanae Ames and B. nymphopolitanum Kraenzl. (Bulbophyllinae Schltr., Orchidaceae). *Protoplasma*, **2018**, 255, 485-499	3.4	13
28	Larval Contracaecum sp. (Nematoda: Anisakidae) in the Great Cormorant [Phalacrocorax carbo (L., 1758)] from north-eastern Poland: a morphological and morphometric analysis. *Veterinary Parasitology*, **2009**, 166, 90-7	2.8	13
27	Unusual electron-dense dome associates with compound plasmodesmata in the embryo-suspensor of genus Sedum (Crassulaceae). *Protoplasma*, **2010**, 247, 117-20	3.4	13

26	Are extracellular matrix surface network components involved in signalling and protective function?. *Plant Signaling and Behavior*, **2008**, 3, 707-9	2.5	13
25	A morphometric and stereological analysis of ultrastructural changes in two Scenedesmus (Chlorococcales, Chlorophyta) strains subjected to diesel fuel oil pollution. *Phycologia*, **1998**, 37, 388-393	2.7	13
24	Alisma embryogenesis: The development and ultrastructure of the suspensor. *Protoplasma*, **1987**, 137, 71-83	3.4	13
23	Are unusual plasmodesmata in the embryo-suspensor restricted to species from the genus Sedum among Crassulaceae?. *Flora: Morphology, Distribution, Functional Ecology of Plants*, **2011**, 206, 684-690	1.9	12
22	Embryogenesis in Sedum acre L.: structural and immunocytochemical aspects of suspensor development. *Protoplasma*, **2011**, 248, 775-84	3.4	10
21	Cutin plays a role in differentiation of endosperm-derived callus of kiwifruit. *Plant Cell Reports*, **2011**, 30, 2143-52	5.1	10
20	Taxonomic placement of Paphiopedilum canhii (Cypripedioideae; Orchidaceae) based on cytological, molecular and micromorphological evidence. *Molecular Phylogenetics and Evolution*, **2014**, 70, 429-41	4.1	9
19	Microtubular organization during asymmetrical division of the generative cell inGagea lutea. *Journal of Plant Research*, **1995**, 108, 269-276	2.6	9
18	Genotype-dependent efficiency of endosperm development in culture of selected cereals: histological and ultrastructural studies. *Protoplasma*, **2013**, 250, 361-9	3.4	8
17	Behavioral and physiological effects of Viola spp. cyclotides on Myzus persicae (Sulz.). *Journal of Insect Physiology*, **2020**, 122, 104025	2.4	7
16	Cleistogamy and phylogenetic position ofViola uliginosa(Violaceae) re-examined. *Botanical Journal of the Linnean Society*, **2016**, 182, 180-194	2.2	7
15	Rhinanthus serotinus (Schönheit) Oborny (Scrophulariaceae): immunohistochemical and ultrastructural studies of endosperm chalazal haustorium development. *Protoplasma*, **2013**, 250, 1369-80	3.4	7
14	Insight into "serpentine syndrome" of Albanian, endemic violets (Viola L., Melanium Ging. section) – Looking for unique, adaptive microstructural floral, and embryological characters. *Plant Biosystems*, **2017**, 151, 1022-1034	1.6	7
13	Extracellular matrix surface network is associated with non-morphogenic calli of Helianthus tuberosus cv. Albik produced from various explants. *Acta Societatis Botanicorum Poloniae*, **2014**, 83, 67-73	1.5	7
12	Lack of correlation between pollen aperture number and environmental factors in pansies (Viola L., sect. Melanium Ging.) - pollen heteromorphism re-examined. *Plant Biology*, **2018**, 20, 555-562	3.7	6
11	Ultrastructure of endopolyploid antipodals inAconitum vulparia Rchb.. *Protoplasma*, **1985**, 127, 163-170	3.4	6
10	In vitro culture promotes partial autonomous endosperm development in unfertilized ovules of wild-type Arabidopsis thaliana var. Columbia. *Sexual Plant Reproduction*, **2005**, 18, 29-36		5
9	Chemical Vapor Deposition of Diamond Films in Hot Filament Reactor. *Crystal Research and Technology*, **2001**, 36, 961-970	1.3	5

8	Development of Nuclear Vacuoles in Sugar Beet Male Meiocytes. *Annals of Botany*, **1990**, 66, 139-146	4.1	5
7	Exogenous steroid hormones stimulate full development of autonomous endosperm in Arabidopsis thaliana. *Acta Societatis Botanicorum Poloniae*, **2015**, 84, 287-301	1.5	5
6	Ultrastructure of endopolyploid antipodals inAconitum vulparia Rchb.. *Protoplasma*, **1987**, 140, 13-21	3.4	3
5	Alisma plantago-aquatica L.: the cytoskeleton of the suspensor development. *Acta Societatis Botanicorum Poloniae*, **2014**, 83, 159-166	1.5	2
4	Rab-dependent vesicular traffic affects female gametophyte development in Arabidopsis. *Journal of Experimental Botany*, **2021**, 72, 320-340	7	2
3	Comprehensive characteristics and genetic diversity of the endemic Australian Viola banksii (section Erpetion, Violaceae). *Australian Journal of Botany*, **2019**, 67, 81	1.2	1
2	A new pollination system in non-cleistogamous species of Viola results from nyctinastic (night-closing) petal movements A mixed outcrossing-selfing strategy. *Flora: Morphology, Distribution, Functional Ecology of Plants*, **2019**, 253, 1-9	1.9	1
1	The organization of microtubules during generative-cell division inConvallaria majalis. *Protoplasma*, **1999**, 207, 147-153	3.4	1