

# Jerzy Bohdanowicz

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Rab-dependent vesicular traffic affects female gametophyte development in Arabidopsis. <i>Journal of Experimental Botany</i> , <b>2021</b> , 72, 320-340	7	2
42	Behavioral and physiological effects of <i>Viola</i> spp. cyclotides on <i>Myzus persicae</i> (Sulz.). <i>Journal of Insect Physiology</i> , <b>2020</b> , 122, 104025	2.4	7
41	Comprehensive characteristics and genetic diversity of the endemic Australian <i>Viola banksii</i> (section <i>Erpetion</i> , <i>Violaceae</i> ). <i>Australian Journal of Botany</i> , <b>2019</b> , 67, 81	1.2	1
40	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> , <b>2019</b> , 253, 1-9	1.9	1
39	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. ( <i>Bulbophyllinae</i> Schltr., <i>Orchidaceae</i> ). <i>Protoplasma</i> , <b>2018</b> , 255, 485-499	3.4	13
38	Lack of correlation between pollen aperture number and environmental factors in pansies ( <i>Viola</i> L., sect. <i>Melanium</i> Ging.) - pollen heteromorphism re-examined. <i>Plant Biology</i> , <b>2018</b> , 20, 555-562	3.7	6
37	How Does the Sweet Violet (L.) Fight Pathogens and Pests - Cyclotides as a Comprehensive Plant Host Defense System. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 1296	6.2	32
36	Establishing the cell biology of apomictic reproduction in diploid <i>Boechera stricta</i> ( <i>Brassicaceae</i> ). <i>Annals of Botany</i> , <b>2018</b> , 122, 513-539	4.1	17
35	Insight into Berpentine syndrome of Albanian, endemic violets ( <i>Viola</i> L., <i>Melanium</i> Ging. section) [ Looking for unique, adaptive microstructural floral, and embryological characters. <i>Plant Biosystems</i> , <b>2017</b> , 151, 1022-1034	1.6	7
34	Cleistogamy and phylogenetic position of <i>Viola uliginosa</i> ( <i>Violaceae</i> ) re-examined. <i>Botanical Journal of the Linnean Society</i> , <b>2016</b> , 182, 180-194	2.2	7
33	Immunolocalization of cyclotides in plant cells, tissues and organ supports their role in host defense. <i>Planta</i> , <b>2016</b> , 244, 1029-1040	4.7	23
32	Studies on floral nectary, tepals' structure, and gynostemium morphology of <i>Epipactis palustris</i> (L.) Crantz ( <i>Orchidaceae</i> ). <i>Protoplasma</i> , <b>2015</b> , 252, 321-33	3.4	13
31	Exogenous steroid hormones stimulate full development of autonomous endosperm in <i>Arabidopsis thaliana</i> . <i>Acta Societatis Botanicorum Poloniae</i> , <b>2015</b> , 84, 287-301	1.5	5
30	Taxonomic placement of <i>Paphiopedilum canhii</i> ( <i>Cypripedioideae</i> ; <i>Orchidaceae</i> ) based on cytological, molecular and micromorphological evidence. <i>Molecular Phylogenetics and Evolution</i> , <b>2014</b> , 70, 429-41	4.1	9
29	<i>Alisma plantago-aquatica</i> L.: the cytoskeleton of the suspensor development. <i>Acta Societatis Botanicorum Poloniae</i> , <b>2014</b> , 83, 159-166	1.5	2
28	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> , <b>2014</b> , 83, 67-73	1.5	7
27	<i>Rhinanthus serotinus</i> (Schubert) Oborny ( <i>Scrophulariaceae</i> ): immunohistochemical and ultrastructural studies of endosperm chalazal haustorium development. <i>Protoplasma</i> , <b>2013</b> , 250, 1369-80	2.4	7

26	Genotype-dependent efficiency of endosperm development in culture of selected cereals: histological and ultrastructural studies. <i>Protoplasma</i> , <b>2013</b> , 250, 361-9	3.4	8
25	Floral structure and pollen morphology of two zinc violets ( <i>Viola lutea</i> ssp. <i>calaminaria</i> and <i>V. lutea</i> ssp. <i>westfalica</i> ) indicate their taxonomic affinity to <i>Viola lutea</i> . <i>Plant Systematics and Evolution</i> , <b>2012</b> , 298, 445-455	1.3	17
24	Studies on the ultrastructure of a three-spurred fumeauxiana form of <i>Anacamptis pyramidalis</i> . <i>Plant Systematics and Evolution</i> , <b>2012</b> , 298, 1025-1035	1.3	35
23	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> , <b>2012</b> , 249, 613-24	3.4	14
22	Are unusual plasmodesmata in the embryo-suspensor restricted to species from the genus <i>Sedum</i> among Crassulaceae?. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , <b>2011</b> , 206, 684-690	1.9	12
21	Embryogenesis in <i>Sedum acre</i> L.: structural and immunocytochemical aspects of suspensor development. <i>Protoplasma</i> , <b>2011</b> , 248, 775-84	3.4	10
20	Cutin plays a role in differentiation of endosperm-derived callus of kiwifruit. <i>Plant Cell Reports</i> , <b>2011</b> , 30, 2143-52	5.1	10
19	Unusual electron-dense dome associates with compound plasmodesmata in the embryo-suspensor of genus <i>Sedum</i> (Crassulaceae). <i>Protoplasma</i> , <b>2010</b> , 247, 117-20	3.4	13
18	Extracellular matrix of plant callus tissue visualized by ESEM and SEM. <i>Protoplasma</i> , <b>2010</b> , 247, 121-5	3.4	18
17	Larval <i>Contraecaecum</i> sp. (Nematoda: Anisakidae) in the Great Cormorant [ <i>Phalacrocorax carbo</i> (L., 1758)] from north-eastern Poland: a morphological and morphometric analysis. <i>Veterinary Parasitology</i> , <b>2009</b> , 166, 90-7	2.8	13
16	Are extracellular matrix surface network components involved in signalling and protective function?. <i>Plant Signaling and Behavior</i> , <b>2008</b> , 3, 707-9	2.5	13
15	Ultrastructure and histochemical analysis of extracellular matrix surface network in kiwifruit endosperm-derived callus culture. <i>Plant Cell Reports</i> , <b>2008</b> , 27, 1137-45	5.1	32
14	Distribution of pectin and arabinogalactan protein epitopes during organogenesis from androgenic callus of wheat. <i>Plant Cell Reports</i> , <b>2007</b> , 26, 355-63	5.1	25
13	Changes in hair morphology of mucopolysaccharidosis I patients treated with recombinant human alpha-L-iduronidase (aronidase, Aldurazyme). <i>American Journal of Medical Genetics, Part A</i> , <b>2005</b> , 139, 199-203	2.5	17
12	In vitro culture promotes partial autonomous endosperm development in unfertilized ovules of wild-type <i>Arabidopsis thaliana</i> var. Columbia. <i>Sexual Plant Reproduction</i> , <b>2005</b> , 18, 29-36		5
11	Extracellular Matrix Surface Network During Plant Regeneration in Wheat Anther Culture. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2005</b> , 83, 201-208	2.7	25
10	Aggregation of heat-shock-denatured, endogenous proteins and distribution of the IbpA/B and Fda marker-proteins in <i>Escherichia coli</i> WT and grpE280 cells. <i>Microbiology (United Kingdom)</i> , <b>2004</b> , 150, 247-259	2.9	28
9	Chemical Vapor Deposition of Diamond Films in Hot Filament Reactor. <i>Crystal Research and Technology</i> , <b>2001</b> , 36, 961-970	1.3	5

8	Identification, characterization and purification of the lantibiotic staphylococcin T, a natural gallidermin variant. <i>Journal of Applied Microbiology</i> , <b>1999</b> , 87, 856-66	4-7	22
7	The organization of microtubules during generative-cell division in <i>Convallaria majalis</i> . <i>Protoplasma</i> , <b>1999</b> , 207, 147-153	3-4	1
6	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> , <b>1998</b> , 37, 388-393	2-7	13
5	Microtubular organization during asymmetrical division of the generative cell in <i>Gagea lutea</i> . <i>Journal of Plant Research</i> , <b>1995</b> , 108, 269-276	2-6	9
4	Development of Nuclear Vacuoles in Sugar Beet Male Meiocytes. <i>Annals of Botany</i> , <b>1990</b> , 66, 139-146	4-1	5
3	Ultrastructure of endopolyploid antipodals in <i>Aconitum vulparia</i> Rchb.. <i>Protoplasma</i> , <b>1987</b> , 140, 13-21	3-4	3
2	<i>Alisma</i> embryogenesis: The development and ultrastructure of the suspensor. <i>Protoplasma</i> , <b>1987</b> , 137, 71-83	3-4	13
1	Ultrastructure of endopolyploid antipodals in <i>Aconitum vulparia</i> Rchb.. <i>Protoplasma</i> , <b>1985</b> , 127, 163-170	3-4	6