

Piotr Swiatek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2112517/publications.pdf>

Version: 2024-02-01

98
papers

1,210
citations

430874

18
h-index

580821

25
g-index

100
all docs

100
docs citations

100
times ranked

641
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of germ-line cysts with a central cytoplasmic core is accompanied by specific orientation of mitotic spindles and partitioning of existing intercellular bridges. <i>Cell and Tissue Research</i> , 2009, 337, 137-148.	2.9	52
2	Functional Ultrastructure of Genlisea (Lentibulariaceae) Digestive Hairs. <i>Annals of Botany</i> , 2007, 100, 195-203.	2.9	34
3	Ovary cord structure and oogenesis in <i>Hirudo medicinalis</i> and <i>Haemopsis sanguisuga</i> (Clitellata.) <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10</i>	0.8	33
4	Unusual embryo structure in viviparous <i>Utricularia nelumbifolia</i> , with remarks on embryo evolution in genus <i>Utricularia</i> . <i>Protoplasma</i> , 2010, 239, 69-80.	2.1	30
5	Oogenesis in the leech <i>Glossiphonia heteroclita</i> (Annelida, Hirudinea, Glossiphoniidae). I. Ovary structure and previtellogenic growth of oocytes. <i>Journal of Morphology</i> , 2005, 266, 309-318.	1.2	29
6	Oogenesis in four species of <i>Piscicola</i> (Hirudinea, Rhynchobdellida). <i>Journal of Morphology</i> , 2008, 269, 18-28.	1.2	29
7	Ovary architecture of two branchiobdellid species and <i>Acanthobdella peledina</i> (Annelida, Clitellata). <i>Zoologischer Anzeiger</i> , 2012, 251, 71-82.	0.9	29
8	Ovaries of the white worm (<i>Enchytraeus albidus</i> , Annelida, Clitellata) are composed of 16-celled meroistic germ-line cysts. <i>Developmental Biology</i> , 2017, 426, 28-42.	2.0	29
9	Can a stench be beautiful? â€œ Osmophores in stem-succulent stapeliads (Apocynaceae-Asclepiadoideae-Ceropegieae-Stapeliinae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2010, 205, 101-105.	1.2	28
10	Oogenesis in the leech <i>Glossiphonia heteroclita</i> (Annelida, Hirudinea, Glossiphoniidae). <i>Tissue and Cell</i> , 2006, 38, 263-270.	2.2	26
11	Anatomy of ovary and ovule in dandelions (<i>Taraxacum</i> , Asteraceae). <i>Protoplasma</i> , 2013, 250, 715-722.	2.1	26
12	Formation of the karyosome in developing oocytes of weevils (Coleoptera, Curculionidae). <i>Tissue and Cell</i> , 1999, 31, 587-593.	2.2	24
13	Structure of the germinal vesicle during oogenesis in leech <i>Glossiphonia heteroclita</i> (Annelida.) <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10</i>	1.25	24
14	Comparative morphology of the male genitalia of Aphididae (Insecta, Hemiptera): part 1. <i>Zoomorphology</i> , 2011, 130, 289-303.	0.8	22
15	Ovary organization and oogenesis in two species of Lumbriculida (Annelida, Clitellata). <i>Zoology</i> , 2013, 116, 118-128.	1.2	22
16	Serial block face SEM visualization of unusual plant nuclear tubular extensions in a carnivorous plant (<i>Utricularia</i> , Lentibulariaceae). <i>Annals of Botany</i> , 2017, 120, 673-680.	2.9	22
17	Ovaries of Tubificinae (Clitellata, Naididae) resemble ovary cords found in Hirudinea (Clitellata). <i>Zoomorphology</i> , 2010, 129, 235-247.	0.8	20
18	Ovary cords organization in <i>Hirudo troctina</i> Johnson, 1816 and <i>Limnatis nilotica</i> (Savigny, 1822) (Clitellata, Hirudinea). <i>Zoologischer Anzeiger</i> , 2010, 249, 201-207.	0.9	20

#	ARTICLE	IF	CITATIONS
19	A comparative morphology of the male genitalia of Aphididae (Insecta, Hemiptera): part 2. Zoomorphology, 2012, 131, 303-324.	0.8	20
20	Architecture and Life History of Female Germ-Line Cysts in Clitellate Annelids. Results and Problems in Cell Differentiation, 2019, 68, 515-551.	0.7	20
21	The Ovary of <i>Tubifex tubifex</i> (Clitellata, Naididae, Tubificinae) Is Composed of One, Huge Germ-Line Cyst that Is Enriched with Cytoskeletal Components. PLoS ONE, 2015, 10, e0126173.	2.5	19
22	Floral ultrastructure of two Brazilian aquatic-epiphytic bladderworts: <i>Utricularia cornigera</i> Studnička and <i>U. nelumbifolia</i> Gardner (Lentibulariaceae). Protoplasma, 2017, 254, 353-366.	2.1	19
23	Functional anatomy of the ovule in <i>Genlisea</i> with remarks on ovule evolution in Lentibulariaceae. Protoplasma, 2009, 236, 39-48.	2.1	18
24	Diversity of features of the female reproductive system and other morphological characters in leeches (Clitellata, Hirudinida) in phylogenetic conception. Cladistics, 2014, 30, 540-554.	3.3	18
25	Floral micromorphology of the Australian carnivorous bladderwort <i>Utricularia dunlopii</i> , a putative pseudocopulatory species. Protoplasma, 2016, 253, 1463-1473.	2.1	18
26	Cytoarchitecture of <i>Utricularia</i> nutritive tissue. Protoplasma, 2008, 234, 25-32.	2.1	17
27	Germ-line cysts are formed during oogenesis in <i>Erpobdella octoculata</i> (Annelida, Clitellata). Tj ETQq1 1 0.784314 rgBT /Overlock 0.8 16	0.8	16
28	Germ-line cells do not form syncytial cysts in the ovaries of the basal clitellate annelid <i>Capilloventer australis</i> . Zoologischer Anzeiger, 2016, 260, 63-71.	0.9	16
29	Syncytia in plants: cell fusion in endosperm – placental syncytium formation in <i>Utricularia</i> (Lentibulariaceae). Protoplasma, 2011, 248, 425-435.	2.1	15
30	Immunodetection of some pectic, arabinogalactan proteins and hemicellulose epitopes in the micropylar transmitting tissue of apomictic dandelions (<i>Taraxacum</i> , Asteraceae, Lactuceae). Protoplasma, 2017, 254, 657-668.	2.1	14
31	Nectar trichome structure of aquatic bladderworts from the section <i>Utricularia</i> (Lentibulariaceae) with observation of flower visitors and pollinators. Protoplasma, 2018, 255, 1053-1064.	2.1	14
32	Low mitochondrial activity within developing earthworm male germ-line cysts revealed by JC-1. Mitochondrion, 2019, 44, 111-121.	3.4	14
33	Comparative study of the structure of the reproductive system of dwarfish males of <i>Glyphina betulae</i> (Linnaeus, 1758) and <i>Anoecia (Anoecia) corni</i> (Fabricius, 1775) (Hemiptera, Aphididae). Zoologischer Anzeiger, 2009, 248, 153-159.	0.9	13
34	An ultrastructural study of the ovary cord organization and oogenesis in <i>Erpobdella johanssoni</i> (Annelida, Clitellata: Hirudinida). Micron, 2013, 44, 275-286.	2.2	13
35	Micromorphology of ovaries and oogenesis in <i>Grania postclitellochaeta</i> (Clitellata: Enchytraeidae). Zoology, 2018, 126, 119-127.	1.2	13
36	snRNPs are present in the karyosome capsule in the weevil germinal vesicle. Tissue and Cell, 2004, 36, 253-262.	2.2	12

#	ARTICLE	IF	CITATIONS
37	<i>Barbronia weberi</i> (Clitellata, Hirudinida, Salifidae) has ovary cords of the Erpobdella type. <i>Journal of Morphology</i> , 2014, 275, 479-488.	1.2	12
38	Ovary ultrastructure and oogenesis in <i>Propappus volki</i> Michaelsen, 1916 (Annelida: Clitellata). <i>Zoologischer Anzeiger</i> , 2015, 257, 110-118.	0.9	12
39	Flower palate structure of the aquatic bladderworts <i>Utricularia bremsii</i> Heer and <i>U. minor</i> L. from section <i>Utricularia</i> (Lentibulariaceae). <i>Protoplasma</i> , 2017, 254, 2007-2015.	2.1	12
40	The Trap Architecture of <i>Utricularia multifida</i> and <i>Utricularia westonii</i> (subg. <i>Polypompholyx</i>). <i>Frontiers in Plant Science</i> , 2019, 10, 336.	3.6	12
41	Morphology and ultrastructure of the male reproductive system of the woolly beech aphid <i>Phyllaphis fagi</i> (Hemiptera: Aphididae: Phyllaphidinae). <i>European Journal of Entomology</i> , 2008, 105, 707-712.	1.2	12
42	Structure of the vector tissue in piscicolid leeches (Annelida, Hirudinea, Rhynchobdellida). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td</i>	1.2	11
43	Integument cell differentiation in dandelions (<i>Taraxacum</i> , Asteraceae, Lactuceae) with special attention paid to plasmodesmata. <i>Protoplasma</i> , 2016, 253, 1365-1372.	2.1	11
44	Life in the Current: Anatomy and Morphology of <i>Utricularia neottioides</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 4474.	4.1	11
45	Morphology and ultrastructure of the midgut in <i>Piscicola geometra</i> (Annelida, Hirudinea). <i>Protoplasma</i> , 2012, 249, 1037-1047.	2.1	10
46	Actin cytoskeleton in the extra-ovular embryo sac of <i>Utricularia nelumbifolia</i> (Lentibulariaceae). <i>Protoplasma</i> , 2012, 249, 663-670.	2.1	10
47	Organisation of the endosperm and endospermâ€‘placenta syncytia in bladderworts (<i>Utricularia</i>). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 542 Td</i>	2.1	10
48	Synergids and filiform apparatus in the sexual and apomictic dandelions from section <i>Palustria</i> (<i>Taraxacum</i> , Asteraceae). <i>Protoplasma</i> , 2014, 251, 211-217.	2.1	10
49	Cytochemical and ultrastructural aspects of aquatic carnivorous plant turions. <i>Protoplasma</i> , 2014, 251, 1449-1454.	2.1	10
50	Oogenesis in three species of Naidinae (Annelida, Clitellata) is extraovarian of the <i>Stylaria</i> type. <i>Zoology</i> , 2017, 121, 111-124.	1.2	10
51	The Structure and Occurrence of a Velum in <i>Utricularia</i> Traps (Lentibulariaceae). <i>Frontiers in Plant Science</i> , 2019, 10, 302.	3.6	10
52	Immunodetection of Pectic Epitopes, Arabinogalactan Proteins, and Extensins in Mucilage Cells from the Ovules of <i>Pilosella officinarum</i> Vaill. and <i>Taraxacum officinale</i> Agg. (Asteraceae). <i>International Journal of Molecular Sciences</i> , 2020, 21, 9642.	4.1	10
53	The reproductive system of the male and oviparous female of a model organismâ€‘the pea aphid, <i>Acyrtosiphon pisum</i> (Hemiptera, Aphididae). <i>PeerJ</i> , 2019, 7, e7573.	2.0	10
54	Extensive sampling sheds light on species-level diversity in Palearctic <i>Placobdella</i> (Annelida:) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td</i>	2.0	10

#	ARTICLE	IF	CITATIONS
55	A checklist of leech species from Poland. <i>Annals of Parasitology</i> , 2011, 57, 11-20.	0.1	10
56	Ultrastructural analysis of apoptosis and autophagy in the midgut epithelium of <i>Piscicola geometra</i> (Annelida, Hirudinida) after blood feeding. <i>Protoplasma</i> , 2015, 252, 1387-1396.	2.1	9
57	Integument cell gelatinisation – the fate of the integumentary cells in <i>Hieracium</i> and <i>Pilosella</i> (Asteraceae). <i>Protoplasma</i> , 2017, 254, 2287-2294.	2.1	9
58	Ultrastructural changes in the midgut epithelium of the first larva of <i>Allacma fusca</i> (Insecta, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537)	0.9	8
59	<i>Orthosomella lipae</i> sp. n. (Microsporidia) a parasite of the weevil, <i>Liophloeus lentus</i> Germar, 1824 (Coleoptera: Curculionidae). <i>Journal of Invertebrate Pathology</i> , 2013, 112, 33-40.	3.2	8
60	New data about the functional morphology of the chaetiferous leech-like annelids <i>Acanthobdella peledina</i> (Grube, 1851) and <i>Paracanthobdella livanowi</i> (Epshtein, 1966) (Clitellata, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537)	0.9	8
61	Floral micromorphology and nectar composition of the early evolutionary lineage <i>Utricularia</i> (subgenus <i>Polypompholyx</i> , Lentibulariaceae). <i>Protoplasma</i> , 2019, 256, 1531-1543.	2.1	8
62	Description of ovary organization and oogenesis in a phreodrilid clitellate. <i>Journal of Morphology</i> , 2020, 281, 81-94.	1.2	8
63	Microorganization of ovaries and oogenesis of <i>Haplotaxis</i> sp. (Clitellata: Haplotaxidae). <i>Journal of Morphology</i> , 2021, 282, 98-114.	1.2	8
64	Arabinogalactan Proteins in the Digestive Glands of <i>Dionaea muscipula</i> J.Ellis Traps. <i>Cells</i> , 2022, 11, 586.	4.1	8
65	Immunocytochemical Analysis of the Wall Ingrowths in the Digestive Gland Transfer Cells in <i>Aldrovanda vesiculosa</i> L. (Droseraceae). <i>Cells</i> , 2022, 11, 2218.	4.1	8
66	The F-actin cytoskeleton in syncytia from non-clonal progenitor cells. <i>Protoplasma</i> , 2011, 248, 623-629.	2.1	7
67	A New Leech Species (Clitellata: Hirudinida: Piscicolidae) from the Åyna River Near Olsztyn, Poland. <i>Journal of Parasitology</i> , 2013, 99, 467-474.	0.7	7
68	Analysis of the cytoskeleton organization and its possible functions in male earthworm germ-line cysts equipped with a cytophore. <i>Cell and Tissue Research</i> , 2016, 366, 175-189.	2.9	7
69	Vascular tissue in traps of Australian carnivorous bladderworts (<i>Utricularia</i>) of the subgenus <i>Polypompholyx</i> . <i>Aquatic Botany</i> , 2017, 142, 25-31.	1.6	7
70	Floral micromorphology of the bird-pollinated carnivorous plant species <i>Utricularia menziesii</i> R.Br. (Lentibulariaceae). <i>Annals of Botany</i> , 2019, 123, 213-220.	2.9	7
71	Do food trichomes occur in <i>Pinguicula</i> (Lentibulariaceae) flowers?. <i>Annals of Botany</i> , 2020, 126, 1039-1048.	2.9	7
72	Are obligatory apomicts invested in the pollen tube transmitting tissue? Comparison of the micropyle ultrastructure between sexual and apomictic dandelions (Asteraceae, Lactuceae). <i>Protoplasma</i> , 2015, 252, 1325-1333.	2.1	6

#	ARTICLE	IF	CITATIONS
73	Flower palate ultrastructure of the carnivorous plant <i>Genlisea hispidula</i> Stapf with remarks on the structure and function of the palate in the subgenus <i>Genlisea</i> (Lentibulariaceae). <i>Protoplasma</i> , 2018, 255, 1139-1146.	2.1	6
74	Flower nectar trichome structure of carnivorous plants from the genus butterworts <i>Pinguicula</i> L. (Lentibulariaceae). <i>Protoplasma</i> , 2020, 257, 245-259.	2.1	6
75	Living between land and water – structural and functional adaptations in vegetative organs of bladderworts. <i>Plant and Soil</i> , 2021, 464, 237.	3.7	6
76	Spatio-Temporal Distribution of Cell Wall Components in the Placentas, Ovules and Female Gametophytes of <i>Utricularia</i> during Pollination. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5622.	4.1	6
77	Microsporidia Infect the <i>Liophloeus lentus</i> (Insecta, Coleoptera) Ovarioles, Developing Oocytes and Eggs. <i>Folia Biologica</i> , 2006, 54, 61-67.	0.5	6
78	Differentiation of primordial germ cells during embryogenesis of <i>Allacma fusca</i> (L.) (Collembola: Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 5	0.4	5
79	Sperm Transfer Through the Vector Tissue in <i>Piscicola Respirans</i> (Clitellata, Hirudinea, Piscicolidae). <i>Zoologica Poloniae: the Journal of Polish Zoological Society</i> , 2009, 54-55, 5-12.	0.2	5
80	Ovary cord micromorphology in the blood-sucking haemadipsid leech <i>Haemadipsa japonica</i> (Hirudinida: Arhynchobdellida: Hirudiniformes). <i>Micron</i> , 2020, 138, 102929.	2.2	5
81	Germ-line versus somatic cells. I. Stereological study of differentiating embryonic tissues of <i>Tetrodontophora bielensis</i> (Hexapoda, Collembola). <i>Canadian Journal of Zoology</i> , 2004, 82, 714-725.	1.0	4
82	Ultrastructural study of spermatogenesis and sperm in the African medicinal leech <i>Hirudo troctina</i> Johnson, 1816 (Annelida, Hirudinida). <i>Tissue and Cell</i> , 2015, 47, 242-253.	2.2	4
83	Structural Features of Carnivorous Plant (<i>Genlisea</i> , <i>Utricularia</i>) Tubers as Abiotic Stress Resistance Organs. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5143.	4.1	4
84	Influence of selected biogenic amines on development and demographic parameters of a temperate population of <i>Cinara</i> (<i>Cupressobium</i>) <i>cupressi</i> (Hemiptera, Aphididae). <i>Arthropod-Plant Interactions</i> , 2021, 15, 583.	1.1	4
85	Microscopic analysis of spermatogenesis and mature spermatozoa in the amphibian leech <i>Batracobdella algira</i> (Annelida, Clitellata, Hirudinida). <i>Protoplasma</i> , 2019, 256, 1609-1627.	2.1	3
86	Micromorphology of the model species pea aphid <i>Acyrtosiphon pisum</i> (Hemiptera, Aphididae) with special emphasis on the sensilla structure. , 2020, 87, 336-356.		3
87	The activity of hydrolytic enzymes in the digestive system of <i>Acanthobdellida</i> , <i>Branchiobdellida</i> and <i>Hirudinida</i> (Annelida, Clitellata) – considerations on similarity and phylogeny. , 2021, 88, 26-43.		3
88	Recent evolution of ancient Arctic leech relatives: systematics of <i>Acanthobdellida</i> . <i>Zoological Journal of the Linnean Society</i> , 2022, 196, 149-168.	2.3	3
89	The differentiation of gonads in <i>Anthonomus pomorum</i> (L.) (Coleoptera: Curculionidae) larvae. <i>Arthropod Structure and Development</i> , 1997, 26, 55-61.	0.4	2
90	An ultrastructural study of the ovary cord organization and oogenesis in the amphibian leech <i>Batracobdella algira</i> (Annelida, Clitellata, Hirudinida). <i>Protoplasma</i> , 2021, 258, 191-207.	2.1	2

#	ARTICLE	IF	CITATIONS
91	The apical cell – An enigmatic somatic cell in leech ovaries – Structure and putative functions. <i>Developmental Biology</i> , 2021, 469, 111-124.	2.0	2
92	Ovary micromorphology and oogenesis in a rhyacodriline oligochaete (Clitellata: Naididae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf,50 702 Td	1.2	2
93	Structure and development of ovaries in the weevil, <i>Anthonomus pomorum</i> (Coleoptera, Polyphaga). II. Germ cells of the trophic chamber. <i>Folia Biologica</i> , 2002, 50, 153-63.	0.5	2
94	All for one: changes in mitochondrial morphology and activity during syncytial oogenesis. <i>Biology of Reproduction</i> , 2022, , .	2.7	2
95	Structure of the reproductive system of the sexual generation of the endemic Arctic species <i>Acyrtosiphon svalbardicum</i> and its temperate counterpart <i>Acyrtosiphon pisum</i> (Hemiptera,) Tj ETQq1 1 0.784314.7gBT /Overlock 10 Td	1.7	1
96	Do germ line cells in <i>Allacma fusca</i> (Insecta, Collembola, Symphypleona) have a higher metabolic rate than somatic cells. <i>Folia Biologica</i> , 2001, 49, 85-90.	0.5	1
97	Structure and development of ovaries in the weevil, <i>Anthonomus pomorum</i> (Coleoptera, Polyphaga). I. Somatic tissues of the trophic chamber. <i>Folia Biologica</i> , 2001, 49, 215-24.	0.5	1
98	Septal-pore-associated structures of <i>Hysterangium clathroides</i> and <i>Hysterangium nephriticum</i> (Hysterangiales, Basidiomycota, Fungi). <i>Phytotaxa</i> , 2018, 348, 159.	0.3	0