

GÃ¼nter Purschke

List of Publications by Year in descending order

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96
papers

3,667
citations

126907

33
h-index

149698

56
g-index

98
all docs

98
docs citations

98
times ranked

1783
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrastructure of cerebral eyes in Oweniidae and Chaetopteridae (Annelida) – implications for the evolution of eyes in Annelida. <i>Zoological Letters</i> , 2022, 8, 3.	1.3	6
2	Ultrastructure and functional morphology of the appendages in the reef-building sedentary polychaete <i>Sabellaria alveolata</i> (Annelida, Sedentaria, Sabellida). <i>BMC Zoology</i> , 2021, 6, .	1.0	6
3	Ultrastructure and functional morphology of the dorsal organs in <i>Scoloplos armiger</i> (Annelida,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 14	0.8	3
4	Ultrastructure of pigmented eyes in Onuphidae and Eunicidae (Annelida: Errantia: Eunicida) and its importance in understanding the evolution of eyes in Annelida. <i>Zoomorphology</i> , 2020, 139, 1-19.	0.8	3
5	Delimitation of cryptic species drastically reduces the geographical ranges of marine interstitial ghost-worms (<i>Stygocapitella</i> ; Annelida, Sedentaria). <i>Molecular Phylogenetics and Evolution</i> , 2020, 143, 106663.	2.7	27
6	Deceleration of morphological evolution in a cryptic species complex and its link to paleontological stasis. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 116-131.	2.3	26
7	7.11.2 Saccocirridae Czerniavsky, 1881. , 2020, , 280-298.		0
8	Within-family plasticity of nervous system architecture in Syllidae (Annelida, Errantia). <i>Frontiers in Zoology</i> , 2020, 17, 20.	2.0	6
9	7.5 Sedentaria: Opheliida/ Terebellida/Clitellata: incertae sedis. , 2020, , 275-284.		0
10	The central nervous system of Oweniidae (Annelida) and its implications for the structure of the ancestral annelid brain. <i>Frontiers in Zoology</i> , 2019, 16, 6.	2.0	32
11	7. Pleistoannelida. , 2019, , 217-466.		0
12	Anterior sense organs in <i>Sabellaria alveolata</i> (Annelida, Sedentaria, Spionida) with special reference to ultrastructure of photoreceptor elements presumably involved in shadow reflex. <i>Zoomorphology</i> , 2019, 138, 39-54.	0.8	4
13	Convergent evolution of the ladder-like ventral nerve cord in Annelida. <i>Frontiers in Zoology</i> , 2018, 15, 36.	2.0	49
14	Marine connectivity dynamics: clarifying cosmopolitan distributions of marine interstitial invertebrates and the meiofauna paradox. <i>Marine Biology</i> , 2018, 165, 1.	1.5	45
15	Ammonia excretion in the marine polychaete <i>Eurythoe complanata</i> (Annelida). <i>Journal of Experimental Biology</i> , 2017, 220, 425-436.	1.7	18
16	Fine structure of the cerebral eyes in <i>Flabelligera affinis</i> (Annelida, Sedentaria, Cirratuliformia): new data prove the existence of typical converse annelid multicellular eyes in a sedentary polychaete. <i>Zoomorphology</i> , 2017, 136, 307-325.	0.8	5
17	Structural analysis of the branchiae and dorsal cirri in <i>Eurythoe complanata</i> (Annelida,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 14	0.8	14
18	Two new species in the annelid genus <i>Stygocapitella</i> (Orbiniida, Parergodrilidae) with comments on their biogeography. <i>Zootaxa</i> , 2017, 4286, .	0.5	20

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19	Ultrastructural differences in presumed photoreceptive organs and molecular data as a means for species discrimination in Polygordius (Annelida, Protodriliformia, Polygordiidae). <i>Organisms Diversity and Evolution</i> , 2016, 16, 559-576.	1.6	6
20	The Evolution of Annelids Reveals Two Adaptive Routes to the Interstitial Realm. <i>Current Biology</i> , 2015, 25, 1993-1999.	3.9	133
21	Ultrastructure of pigmented eyes in Dorvilleidae (Annelida, Errantia, Eunicida) and their importance for understanding the evolution of eyes in polychaetes. <i>Acta Zoologica</i> , 2015, 96, 67-81.	0.8	11
22	Structure and Evolution of Invertebrate Nervous Systems. , 2015, , .		59
23	Annelida: Basal Groups And Pleistoannelida. , 2015, , 254-312.		19
24	Fine morphology of the jaw apparatus of <i>Puncturella noachina</i> (Fissurellidae, Vetigastropoda). <i>Journal of Morphology</i> , 2014, 275, 775-787.	1.2	7
25	Illuminating the Base of the Annelid Tree Using Transcriptomics. <i>Molecular Biology and Evolution</i> , 2014, 31, 1391-1401.	8.9	268
26	Immunohistochemical and ultrastructural analysis of the muscular and nervous systems in the interstitial polychaete <i>Polygordius appendiculatus</i> (Annelida). <i>Zoomorphology</i> , 2014, 133, 21-41.	0.8	12
27	Systematics, evolution and phylogeny of Annelida – a morphological perspective. <i>Memoirs of Museum Victoria</i> , 2014, 71, 247-269.	0.6	44
28	Morphology of the jaw apparatus in 8 species of Patellogastropoda (Mollusca, Gastropoda) with special reference to <i>Testudinalia tesulata</i> (Lottiidae). <i>Zoomorphology</i> , 2013, 132, 359-377.	0.8	14
29	Evolution of clitellate phaosomes from rhabdomeric photoreceptor cells of polychaetes – a study in the leech <i>Helobdella robusta</i> (Annelida, Sedentaria, Clitellata). <i>Frontiers in Zoology</i> , 2013, 10, 52.	2.0	16
30	Mitochondrial genomes to the rescue – Diurodrilidae in the myzostomid trap. <i>Molecular Phylogenetics and Evolution</i> , 2013, 68, 312-326.	2.7	35
31	In honor of Wilfried Westheide on the occasion of his 75th birthday. <i>Zoomorphology</i> , 2012, 131, 275-276.	0.8	0
32	Abyssal Fauveliopsidae (Annelida) from the South East Atlantic. <i>Journal of Natural History</i> , 2011, 45, 923-937.	0.5	11
33	Sipunculid-like ocellar tubes in a polychaete, <i>Fauveliopsis cf. adriatica</i> (Annelida, Fauveliopsidae): implications for eye evolution. <i>Invertebrate Biology</i> , 2011, 130, 115-128.	0.9	8
34	Phylogenomic analyses unravel annelid evolution. <i>Nature</i> , 2011, 471, 95-98.	27.8	357
35	Ultrastructure of the ventral pharynx in the interstitial annelid <i>Questa paucibranchiata</i> (Orbiniidae) and its phylogenetic significance. <i>Zoomorphology</i> , 2011, 130, 167-180.	0.8	3
36	Invertebrate neurophylogeny: suggested terms and definitions for a neuroanatomical glossary. <i>Frontiers in Zoology</i> , 2010, 7, 29.	2.0	281

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37	A systematic study of the cell wall composition of <i>Kluyveromyces lactis</i> . <i>Yeast</i> , 2010, 27, 647-660.	1.7	42
38	Musculature in polychaetes: comparison of <i>Myrianida prolifera</i> (Syllidae) and <i>Sphaerodoropsis</i> sp. (Sphaerodoridae). <i>Invertebrate Biology</i> , 2010, 129, 184-198.	0.9	30
39	Phylogenetic position of Sipuncula derived from multi-gene and phylogenomic data and its implication for the evolution of segmentation. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2010, 48, 197.	1.4	38
40	The "division of labour" model of eye evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 2809-2817.	4.0	78
41	Development and embryonic pattern of body wall musculature in the crassiditellate <i>Eisenia andrei</i> (Annelida, Clitellata). <i>Journal of Morphology</i> , 2009, 270, 1122-1136.	1.2	9
42	Pigmented eyes, photoreceptor-like sense organs and central nervous system in the polychaete <i>Scoloplos armiger</i> (Orbiniidae, Annelida) and their phylogenetic importance. <i>Journal of Morphology</i> , 2009, 270, 1296-1310.	1.2	19
43	Ultrastructure of pigmented adult eyes in errant polychaetes (Annelida): implications for annelid evolution. <i>Zoomorphology</i> , 2009, 128, 75-96.	0.8	26
44	Central nervous system and sense organs, with special reference to photoreceptor-like sensory elements, in <i>Polygordius appendiculatus</i> (Annelida), an interstitial polychaete with uncertain phylogenetic affinities. <i>Invertebrate Biology</i> , 2009, 128, 46-64.	0.9	15
45	Detecting possibly saturated positions in 18S and 28S sequences and their influence on phylogenetic reconstruction of Annelida (Lophotrochozoa). <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 628-645.	2.7	75
46	The parasitic polychaete known as <i>Asetocalamyzas laoncola</i> (Calamyzidae) is in fact the dwarf male of the spionid <i>Scolelepis laoncola</i> (comb. nov.). <i>Invertebrate Biology</i> , 2008, 127, 403-416.	0.9	42
47	Male genital organs in the eulittoral meiofaunal polychaete <i>Stygocapitella subterranea</i> (Annelida). <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> 126, 283-297.	0.8	10
48	Phylogeny of Eunicida (Annelida) and Exploring Data Congruence Using a Partition Addition Bootstrap Alteration (PABA) Approach. <i>Systematic Biology</i> , 2006, 55, 1-20.	5.6	137
49	Lateral organs in sedentary polychaetes (Annelida) - Ultrastructure and phylogenetic significance of an insufficiently known sense organ. <i>Acta Zoologica</i> , 2006, 88, 23-39.	0.8	38
50	Fine structure of the pharyngeal apparatus of the pelagosphere larva in <i>Phascolosoma agassizii</i> (Sipuncula) and its phylogenetic significance. <i>Zoomorphology</i> , 2006, 125, 109-117.	0.8	33
51	Photoreceptor cells and eyes in Annelida. <i>Arthropod Structure and Development</i> , 2006, 35, 211-230.	1.4	88
52	Three-dimensional reconstruction of the F-actin musculature of <i>Dorvillea kastjani</i> (Dorvilleidae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14</i>	0.6	16
53	Dinophilidae (Annelida) is most likely not a progenetic Eunicida: Evidence from 18S and 28S rDNA. <i>Molecular Phylogenetics and Evolution</i> , 2005, 37, 619-623.	2.7	28
54	The sister group relationship of Aeolosomatidae and Potamodrilidae (Annelida: "Polychaeta") - a molecular phylogenetic approach based on 18S rDNA and cytochrome oxidase I. <i>Zoologischer Anzeiger</i> , 2005, 243, 281-293.	0.9	48

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55	Reconstruction of the musculature of <i>Magelona cf. mirabilis</i> (Magelonidae) and <i>Prionospio cirrifera</i> (Spionidae) (Polychaeta, Annelida) by phalloidin labeling and cLSM. <i>Zoomorphology</i> , 2005, 124, 1-8.	0.8	48
56	Pharynx and intestine. <i>Hydrobiologia</i> , 2005, 535-536, 199-225.	2.0	48
57	Polychaete phylogeny based on morphological data – a comparison of current attempts. <i>Hydrobiologia</i> , 2005, 535-536, 341-356.	2.0	41
58	Sense organs in polychaetes (Annelida). <i>Hydrobiologia</i> , 2005, 535-536, 53-78.	2.0	78
59	The coelom and the origin of the annelid body plan. <i>Hydrobiologia</i> , 2005, 535-536, 127-137.	2.0	12
60	A scaleless scale worm: Molecular evidence for the phylogenetic placement of <i>Pisione remota</i> (Pisionidae, Annelida) Published in collaboration with the University of Bergen and the Institute of Marine Research, Norway, and the Marine Biological Laboratory, University of Copenhagen, Denmark. <i>Marine Biology Research</i> , 2005, 1, 243-253.	0.7	42
61	The coelom and the origin of the annelid body plan. , 2005, , 127-137.		2
62	Spermatogenesis and Spermatozoa in <i>Stygocapitella subterranea</i> (Annelida, Parergodrilidae), an Enigmatic Supralittoral Polychaete. <i>Zoomorphology</i> , 2005, 124, 137-148.	0.8	9
63	Polychaete phylogeny based on morphological data – a comparison of current attempts. , 2005, , 341-356.		17
64	Sense organs in polychaetes (Annelida). , 2005, , 53-78.		9
65	Pharynx and intestine. , 2005, , 199-225.		30
66	Phylogenetic inference regarding Parergodrilidae and <i>Hrabeiella periglandulata</i> ('Polychaeta'), <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Evolutionary Research</i> , 2004, 42, 270-280.	1.4	62
67	Ultrastructure of the spermatozoa of <i>Parenterodrilus taenioides</i> (Protodrilida: ?Polychaeta?) and its phylogenetic significance. <i>Zoomorphology</i> , 2004, 123, 139.	0.8	5
68	Morphology and ultrastructure of the anterior end of <i>Diplocirrus longisetosus</i> Marenzeller, 1890 (Flabelligeridae, Polychaeta, Annelida). <i>Hydrobiologia</i> , 2003, 496, 215-223.	2.0	7
69	Is <i>Hrabeiella periglandulata</i> (Annelida, "Polychaeta") the sister group of Clitellata? Evidence from an ultrastructural analysis of the dorsal pharynx in <i>H. periglandulata</i> and <i>Enchytraeus minutus</i> (Annelida, Clitellata). <i>Zoomorphology</i> , 2003, 122, 55-66.	0.8	32
70	Morphology and ultrastructure of the anterior end of <i>Diplocirrus longisetosus</i> Marenzeller, 1890 (Flabelligeridae, Polychaeta, Annelida). , 2003, , 215-223.		1
71	Ultrastructure of the Body Wall, Body Cavity, Nephridia and Spermatozoa in Four Species of the Chrysopetalidae (Annelida, –Polychaeta–). <i>Zoologischer Anzeiger</i> , 2002, 241, 37-55.	0.9	30
72	Analysis of the Central Nervous System and Sense Organs in <i>Potamodrilus fluviatilis</i> (Annelida:) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307</i>	0.9	24

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73	Male genital organs, spermatogenesis and spermatozoa in the enigmatic terrestrial polychaete <i>Parergodrilus heideri</i> (Annelida, Parergodrilidae). <i>Zoomorphology</i> , 2002, 121, 125-138.	0.8	36
74	Progenesis in Eunicida (Polychaeta, Annelida) separate evolutionary events? Evidence from molecular data. <i>Molecular Phylogenetics and Evolution</i> , 2002, 25, 190-199.	2.7	52
75	On the absence of circular muscle elements in the body wall of <i>Dysponetus pygmaeus</i> (Chrysopetalidae, Polychaeta, Annelida). <i>Acta Zoologica</i> , 2002, 83, 81-85.	0.8	50
76	The phylogenetic position of the Aeolosomatidae and Parergodrilidae, two enigmatic oligochaete-like taxa of the 'Polychaeta', based on molecular data from 18S rDNA sequences. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2002, 40, 155-163.	1.4	95
77	The excretory organs in <i>Sphaerodorum flavum</i> (Phyllodocida, Sphaerodoridae): a rare case of co-occurrence of protonephridia, coelom and blood vascular system in Annelida. <i>Zoomorphology</i> , 2001, 120, 191-203.	0.8	10
78	Immunohistochemical (cLSM) and ultrastructural analysis of the central nervous system and sense organs in <i>Aeolosoma hemprichi</i> (Annelida, Aeolosomatidae). <i>Zoomorphology</i> , 2000, 120, 65-78.	0.8	60
79	Sense organs and central nervous system in an enigmatic terrestrial polychaete, <i>Hrabeiella perighndulata</i> (Annelida) implications for annelid evolution. <i>Invertebrate Biology</i> , 2000, 119, 329-341.	0.9	23
80	Systematization of the Annelida: different approaches. <i>Hydrobiologia</i> , 1999, 402, 291-307.	2.0	69
81	Terrestrial polychaetes models for the evolution of the Clitellata (Annelida)?, 1999, 406, 87-99.		42
82	Terrestrial polychaetes models for the evolution of the Clitellata (Annelida)?, 1999, , 87-99.		13
83	Systematization of the Annelida: different approaches., 1999, , 291-307.		24
84	Ultrastructure of Nuchal Organs in Polychaetes (Annelida) New Results and Review. <i>Acta Zoologica</i> , 1997, 78, 123-143.	0.8	97
85	Dorsolateral Ciliary Folds in the Polychaete Foregut: Structure, Prevalence and Phylogenetic Significance. <i>Acta Zoologica</i> , 1996, 77, 33-49.	0.8	68
86	Ultrastructure of the Genital Organs in the Interstitial Syllid <i>Petitia amphophthalma</i> (Annelida,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	0.8	17
87	Spermatogenesis and sperm ultrastructure in the interstitial syllid <i>Petitia amphophthalma</i> (Annelida,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf</i>	0.3	16
88	Proacrosome and acrosome of the spermatozoon in <i>Acanthobdella peledina</i> (Annelida:) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	0.8	9 50 142
89	<i>Sinohesione genitaliphora</i> gen. et sp. n. (Polychaeta, Hesionidae), an interstitial annelid with unique dimorphous external genital organs. <i>Zoologica Scripta</i> , 1994, 23, 95-105.	1.7	11
90	Ultrastructure of Presumed Ocelli in <i>Parenterodrilus taenioides</i> (Polychaeta, Protodrilidae) and their Phylogenetic Significance. <i>Acta Zoologica</i> , 1993, 74, 247-256.	0.8	18

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91	Ultrastructure of Enteronephridia and General Description of the Alimentary Canal in <i>Trochonerilla mobilis</i> and <i>Nerillidium troglochaetoides</i> (Polychaeta, Nerillidae). <i>Acta Zoologica</i> , 1992, 73, 163-176.	0.8	15
92	Ultrastructural investigations of presumed photoreceptive organs in two <i>Saccocirrus</i> species (polychaeta, saccocirridae). <i>Journal of Morphology</i> , 1992, 211, 7-21.	1.2	26
93	Ultrahistopathology of enchytraeid oligochaetes (annelida) after exposure to pesticides – A means of identification of sublethal effects?. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1991, 100, 119-122.	0.2	6
94	Comparative electron microscopic investigation of the nuchal organs in <i>Protodriloides</i> , <i>Protodrilus</i> , and <i>Saccocirrus</i> (Annelida, Polychaeta). <i>Canadian Journal of Zoology</i> , 1990, 68, 325-338.	1.0	26
95	Anatomy and Ultrastructure of Ventral Pharyngeal Organs and their Phylogenetic Importance in Polychaeta (Annelida). IV. The Pharynx and Jaws of the Dorvilleidae. <i>Acta Zoologica</i> , 1987, 68, 83-105.	0.8	37
96	Ultrastructure of the nuchal organ in the interstitial polychaete <i>Stygocapitella subterranea</i> (Parergodrilidae). <i>Zoologica Scripta</i> , 1986, 15, 13-20.	1.7	28