

Katrine Worsaae

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

2,284
citations

279701

23
h-index

265120

42
g-index

96
all docs

96
docs citations

96
times ranked

1659
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogenomic analyses of mud dragons (Kinorhyncha). <i>Molecular Phylogenetics and Evolution</i> , 2022, 168, 107375.	1.2	15
2	Microbiomes of microscopic marine invertebrates do not reveal signatures of phyllosymbiosis. <i>Nature Microbiology</i> , 2022, 7, 810-819.	5.9	26
3	Conservative route to genome compaction in a miniature annelid. <i>Nature Ecology and Evolution</i> , 2021, 5, 231-242.	3.4	51
4	Interstitial Annelida. <i>Diversity</i> , 2021, 13, 77.	0.7	17
5	Myoanatomy of three aberrant kinorhynch species: similar but different?. <i>Zoomorphology</i> , 2021, 140, 193-215.	0.4	4
6	Geographical sampling bias on the assessment of endemism areas for marine meiobenthic fauna. <i>Cladistics</i> , 2021, 37, 571-585.	1.5	13
7	Morphological convergence and adaptation in cave and pelagic scale worms (Polynoidae, Annelida). <i>Scientific Reports</i> , 2021, 11, 10718.	1.6	9
8	A new cave-dwelling genus and species of Nerillidae (Annelida) from the Ryukyu Islands, Japan. <i>Marine Biodiversity</i> , 2021, 51, 1.	0.3	3
9	Have the eyes of bioluminescent scale worms adapted to see their own light? A comparative study of eyes and vision in <i>Harmothoe imbricata</i> and <i>Lepidonotus squamatus</i> . <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	0
10	Myogenesis of <i>Siboglinum fiordicum</i> sheds light on body regionalisation in beard worms (Siboglinidae, Annelida). <i>Frontiers in Zoology</i> , 2021, 18, 44.	0.9	4
11	Muscular adaptations in swimming scale worms (Polynoidae, Annelida). <i>Royal Society Open Science</i> , 2021, 8, 210541.	1.1	6
12	Revisiting kinorhynch segmentation: variation of segmental patterns in the nervous system of three aberrant species. <i>Frontiers in Zoology</i> , 2021, 18, 54.	0.9	3
13	The neuromuscular system of the cyclostome bryozoan <i>Crisia eburnea</i> (Linnaeus, 1758). <i>Acta Zoologica</i> , 2020, 101, 133-146.	0.6	12
14	7.11.2 Saccocirridae Czerniavsky, 1881. , 2020, , 280-298.		0
15	Transitions in functional morphology from "large branchiopods" to Cladocera: Video and confocal microscopic studies of <i>Cyclestheria hislopi</i> (Cyclestherida) and <i>Sida crystallina</i> (Cladocera:) Tj ETQq1 1 0.784314 rgB6 /Overlock 10 T5		
16	Insights into mud dragon morphology (Kinorhyncha, Allomalorhagida): myoanatomy and neuroanatomy of <i>Dracoderes abei</i> and <i>Pycnophyes ilyocryptus</i> . <i>Organisms Diversity and Evolution</i> , 2020, 20, 467-493.	0.7	4
17	Anchialine biodiversity in the Turks and Caicos Islands: New discoveries and current faunal composition. <i>International Journal of Speleology</i> , 2020, 49, 71-86.	0.4	8
18	Diversity and evolution of the stygobitic <i>Speleonerilla</i> nom. nov. (Nerillidae, Annelida) with description of three new species from anchialine caves in the Caribbean and Lanzarote. <i>Marine Biodiversity</i> , 2019, 49, 2167-2192.	0.3	15

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19	Patterns of diversity and endemism of soft-bodied meiofauna in an oceanic island, Lanzarote, Canary Islands. <i>Marine Biodiversity</i> , 2019, 49, 2033-2055.	0.3	19
20	Saccocirridae (Annelida) from the Canary Islands with a description of <i>Saccocirrus slateri</i> sp. nov.. <i>Marine Biodiversity</i> , 2019, 49, 2125-2139.	0.3	6
21	Broad North Atlantic distribution of a meiobenthic annelid “ against all odds. <i>Scientific Reports</i> , 2019, 9, 15497.	1.6	17
22	Description of six new species of <i>Mesonerilla</i> (Nerillidae, Annelida) and an emended description of <i>M. intermedia</i> Wilke, 1953, from marine and cave environments. <i>Marine Biodiversity</i> , 2019, 49, 2141-2165.	0.3	9
23	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.	0.9	32
24	6. Amphinomida/Sipuncula. , 2019, , 177-216.		6
25	7. Pleistoannelida. , 2019, , 217-466.		0
26	Neuromuscular structure of the larva to early ancestrula stages of the cyclostome bryozoan <i>Crisia eburnea</i> . <i>Acta Zoologica</i> , 2019, 100, 268-281.	0.6	4
27	Nerves innervating copulatory organs show common FMRFamide, FVRamide, MIP and serotonin immunoreactivity patterns across Dinophilidae (Annelida) indicating their conserved role in copulatory behaviour. <i>BMC Zoology</i> , 2019, 4, .	0.3	2
28	Regeneration of the Rhopalium and the Rhopalial Nervous System in the Box Jellyfish <i>Tripedalia cystophora</i> . <i>Biological Bulletin</i> , 2018, 234, 22-36.	0.7	8
29	Phylogeny and systematics of Aphroditiformia. <i>Cladistics</i> , 2018, 34, 225-259.	1.5	42
30	Anophthalmia and elongation of body appendages in cave scale worms (Annelida: Aphroditiformia). <i>Zoologica Scripta</i> , 2018, 47, 106-121.	0.7	27
31	Convergent evolution of the ladder-like ventral nerve cord in Annelida. <i>Frontiers in Zoology</i> , 2018, 15, 36.	0.9	49
32	Nematode diversity of freshwater and anchialine caves of Western Cuba. <i>Proceedings of the Biological Society of Washington</i> , 2018, 131, 144-155.	0.3	8
33	The role of progenesis in the diversification of the interstitial annelid lineage Psammodrillidae. <i>Invertebrate Systematics</i> , 2018, 32, 774.	0.5	15
34	Two new meiofaunal species of <i>Trilobodrilus</i> (Dinophilidae, Annelida) from California, USA. <i>European Journal of Taxonomy</i> , 2018, , .	0.6	3
35	Genetic spatial structure of an anchialine cave annelid indicates connectivity within - but not between - islands of the Great Bahama Bank. <i>Molecular Phylogenetics and Evolution</i> , 2017, 109, 259-270.	1.2	29
36	Phylogeny and biogeography of the scaleless scale worm <i>Pisione</i> (Sigalionidae, Annelida). <i>Ecology and Evolution</i> , 2017, 7, 2894-2915.	0.8	6

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37	Morphology and evolution of the nervous system in Gnathostomulida (Gnathifera, Spiralia). <i>Organisms Diversity and Evolution</i> , 2017, 17, 447-475.	0.7	18
38	New insights on the musculature of filospemoid Gnathostomulida. <i>Zoomorphology</i> , 2017, 136, 413-424.	0.4	3
39	High diversity in neuropeptide immunoreactivity patterns among three closely related species of Dinophilidae (Annelida). <i>Journal of Comparative Neurology</i> , 2017, 525, 3596-3635.	0.9	25
40	Evolution of cave suspension feeding in Protodrilidae (Annelida). <i>Zoologica Scripta</i> , 2017, 46, 214-226.	0.7	21
41	Comparison of neuromuscular development in two dinophilid species (Annelida) suggests progenetic origin of <i>Dinophilus gyrocilii</i> . <i>Frontiers in Zoology</i> , 2016, 13, 49.	0.9	30
42	New species of <i>Pisionidens</i> (Sigalionidae, Annelida) from Akumal, MÃ©xico . <i>Zootaxa</i> , 2016, 4136, 165.	0.2	4
43	Nervous system and ciliary structures of Micrognathozoa (Gnathifera): evolutionary insight from an early branch in Spiralia. <i>Royal Society Open Science</i> , 2016, 3, 160289.	1.1	18
44	Molecular regionalization in the compact brain of the meiofaunal annelid <i>Dinophilus gyrocilii</i> (Dinophilidae). <i>EvoDevo</i> , 2016, 7, 20.	1.3	16
45	Neuromuscular study of early branching <i>Diuronotus aspetos</i> (Paucitubulatina) yields insights into the evolution of organs systems in Gastrotricha. <i>Zoological Letters</i> , 2016, 2, 21.	0.7	13
46	Neural reconstruction of bone-eating <i>Osedax</i> spp. (Annelida) and evolution of the siboglinid nervous system. <i>BMC Evolutionary Biology</i> , 2016, 16, 83.	3.2	21
47	In situ ingestion of microfibrils by meiofauna from sandy beaches. <i>Environmental Pollution</i> , 2016, 216, 584-590.	3.7	72
48	Detailed reconstruction of the nervous and muscular system of Lobatocerebridae with an evaluation of its annelid affinity. <i>BMC Evolutionary Biology</i> , 2015, 15, 277.	3.2	32
49	Articulating 'Archiannelids': Phylogenomics and Annelid Relationships, with Emphasis on Meiofaunal Taxa. <i>Molecular Biology and Evolution</i> , 2015, 32, 2860-2875.	3.5	128
50	Spiralian Phylogeny Informs the Evolution of Microscopic Lineages. <i>Current Biology</i> , 2015, 25, 2000-2006.	1.8	242
51	Morphology of a new interstitial <i>Psammodrillus</i> (Psammodrillidae, Annelida) from Sardinia, Italy. <i>Zoologischer Anzeiger</i> , 2015, 259, 13-21.	0.4	9
52	Description of the first anchialine gastropod from a YucatÃ¡n cenote, <i>Teinostoma brankovitsin</i> . sp. (Caenogastropoda: Tornidae), including an emended generic diagnosis. <i>Journal of Molluscan Studies</i> , 2015, , eyn049.	0.4	4
53	A Dwarf Male Reversal in Bone-Eating Worms. <i>Current Biology</i> , 2015, 25, 236-241.	1.8	29
54	Phylogeny and systematics of Protodrilidae (Annelida) inferred with total evidence analyses. <i>Cladistics</i> , 2015, 31, 250-276.	1.5	31

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55	Detailed reconstruction of the musculature in <i>Limnognathia maerski</i> (Micrognathozoa) and comparison with other Gnathifera. <i>Frontiers in Zoology</i> , 2014, 11, 71.	0.9	14
56	Gain of palps within a lineage of ancestrally burrowing annelids (<sc>S</sc>calibregmatidae). <i>Acta Zoologica</i> , 2014, 95, 421-429.	0.6	14
57	Molecular and morphological phylogeny of Saccocirridae (Annelida) reveals two cosmopolitan clades with specific habitat preferences. <i>Molecular Phylogenetics and Evolution</i> , 2014, 75, 202-218.	1.2	32
58	Response of the meiofaunal annelid <i>Saccocirrus pussicus</i> (Saccocirridae) to sandy beach morphodynamics. <i>Hydrobiologia</i> , 2014, 734, 1-16.	1.0	13
59	Saccocirridae (Annelida) from the southern and southeastern Brazilian coasts. <i>Marine Biodiversity</i> , 2014, 44, 313-325.	0.3	9
60	A new annelid species from whalebones in Greenland and aquaculture sites in Newfoundland: <i>Ophryotrocha cyclops</i> , sp. nov. (Eunicida: Dorvilleidae). <i>Zootaxa</i> , 2014, 3887, 555-68.	0.2	22
61	Evolution of cave <i><sc>A</sc>xiokebuita</i> and <i><sc>S</sc>pelebregma</i> (<sc>S</sc>calibregmatidae, <sc>A</sc>nnelida). <i>Zoologica Scripta</i> , 2013, 42, 623-636.	0.7	23
62	Protodrilus (Protodrilidae, Annelida) from the southern and southeastern Brazilian coasts. <i>Helgolander Marine Research</i> , 2013, 67, 733-748.	1.3	16
63	Description of three new species of <i>Protodrilus</i> (Annelida, Protodrilidae) from Central America. <i>Marine Biology Research</i> , 2013, 9, 676-691.	0.3	18
64	Musculature of <i>Seison nebalia</i> Grube, 1861 and <i>Paraseison annulatus</i> (Claus, 1876) revealed with CLSM: a comparative study of the gnathiferan key taxon <i>Seisonacea</i> (Rotifera). <i>Zoomorphology</i> , 2012, 131, 185-195.	0.4	19
65	Patterns of Diversity in Soft-Bodied Meiofauna: Dispersal Ability and Body Size Matter. <i>PLoS ONE</i> , 2012, 7, e33801.	1.1	106
66	The Potent Respiratory System of <i>Osedax mucofloris</i> (Siboglinidae, Annelida) - A Prerequisite for the Origin of Bone-Eating <i>Osedax</i> ?. <i>PLoS ONE</i> , 2012, 7, e35975.	1.1	17
67	An Anatomical Description of a Miniaturized Acorn Worm (Hemichordata, Enteropneusta) with Asexual Reproduction by Paratomy. <i>PLoS ONE</i> , 2012, 7, e48529.	1.1	49
68	Comparative studies of jaw morphology and ontogeny in two species of asexually reproducing Dorvilleidae (Annelida). <i>Zoologischer Anzeiger</i> , 2011, 250, 134-142.	0.4	1
69	Higher-level metazoan relationships: recent progress and remaining questions. <i>Organisms Diversity and Evolution</i> , 2011, 11, 151-172.	0.7	247
70	Jaw morphology and ontogeny in five species of <i>Ophryotrocha</i>. <i>Journal of Morphology</i> , 2010, 271, 324-339.	0.6	5
71	The simplicity of males: Dwarf males of four species of <i>Osedax</i> (Siboglinidae; Annelida) investigated by confocal laser scanning microscopy. <i>Journal of Morphology</i> , 2010, 271, 127-142.	0.6	45
72	Structure and occurrence of cyphonautes larvae (bryozoa, ectoprocta). <i>Journal of Morphology</i> , 2010, 271, 1094-1109.	0.6	31

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73	Anchialine fauna of the Corona lava tube (Lanzarote, Canary Islands): diversity, endemism and distribution. <i>Marine Biodiversity</i> , 2009, 39, 169-182.	0.3	41
74	Nerillidae (Annelida) from the Corona lava tube, Lanzarote, with description of <i>Meganerilla cesari</i> n. sp.. <i>Marine Biodiversity</i> , 2009, 39, 195-207.	0.3	22
75	<i>Mesonerilla neridae</i> sp. nov. (Nerillidae): First meiofaunal annelid from deep-sea hydrothermal vents. <i>Zoosymposia</i> , 2009, 2, 297-303.	0.3	7
76	Is <i>Diurodrilus</i> an annelid?. <i>Journal of Morphology</i> , 2008, 269, 1426-1455.	0.6	66
77	Acquisition of Dwarf Male "Harems" by Recently Settled Females of <i>Osedax roseus</i> n. sp. (Siboglinidae; Annelida). <i>Biological Bulletin</i> , 2008, 214, 67-82.	0.7	71
78	Description of two new interstitial species of Psammodrilidae (Annelida) from Bermuda. <i>Marine Biology Research</i> , 2006, 2, 431-445.	0.3	8
79	CLSM analysis of the phalloidin-stained muscle system in <i>Nerilla antennata</i> , <i>Nerillidium</i> sp. and <i>Trochonerilla mobilis</i> (Polychaeta; Nerillidae). <i>Journal of Morphology</i> , 2006, 267, 885-896.	0.6	29
80	Phylogenetic position of Nerillidae and Aberranta (Polychaeta, Annelida), analysed by direct optimization of combined molecular and morphological data. <i>Zoologica Scripta</i> , 2005, 34, 313-328.	0.7	36
81	Phylogeny of Nerillidae (Polychaeta, Annelida) as inferred from combined 18S rDNA and morphological data. <i>Cladistics</i> , 2005, 21, 143-162.	1.5	21
82	Evolution of interstitial Polychaeta (Annelida). <i>Hydrobiologia</i> , 2005, 535-536, 319-340.	1.0	49
83	Evolution of interstitial Polychaeta (Annelida). , 2005, , 319-340.		14
84	Nephridial and gonoduct distribution patterns in Nerillidae (Annelida: Polychaeta) examined by tubulin staining and cLSM. <i>Journal of Morphology</i> , 2004, 261, 259-269.	0.6	15
85	Palp morphology in two species of <i>Prionospio</i> (Polychaeta: Spionidae). <i>Hydrobiologia</i> , 2003, 496, 259-267.	1.0	2
86	The Systematic Significance of Palp Morphology in the Polydora Complex (Polychaeta: Spionidae). <i>Zoologischer Anzeiger</i> , 2001, 240, 47-59.	0.4	19
87	Monsters in the dark: systematics and biogeography of the stygobitic genus <i>Godzillius</i> (Crustacea: Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	1
88	Functional impact and trophic morphology of small, sand-sifting fishes on coral reefs. <i>Functional Ecology</i> , 0, , .	1.7	3