

# Helena Wiklund

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,710  
citations

236833

25  
h-index

302012

39  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into the abundance and diversity of abyssal megafauna in a polymetallic-nodule region in the eastern Clarion-Clipperton Zone. <i>Scientific Reports</i> , 2016, 6, 30492.	1.6	173
2	An End-to-End DNA Taxonomy Methodology for Benthic Biodiversity Survey in the Clarion-Clipperton Zone, Central Pacific Abyss. <i>Journal of Marine Science and Engineering</i> , 2016, 4, 2.	1.2	81
3	Stable isotope signatures and methane use by New Zealand cold seep benthos. <i>Marine Geology</i> , 2010, 272, 260-269.	0.9	78
4	DNA barcoding uncovers cryptic diversity in 50% of deep-sea Antarctic polychaetes. <i>Royal Society Open Science</i> , 2016, 3, 160432.	1.1	76
5	Phylogeny of scale-worms (Aphroditiformia, Annelida), assessed from 18SrRNA, 28SrRNA, 16SrRNA, mitochondrial cytochrome c oxidase subunit I (COI), and morphology. <i>Molecular Phylogenetics and Evolution</i> , 2012, 65, 490-500.	1.2	74
6	Phylogeny, evolution and mitochondrial gene order rearrangement in scale worms (Aphroditiformia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	67
7	Three new species of Ophryotrocha (Annelida: Dorvilleidae) from a whale-fall in the North-East Atlantic. <i>Zootaxa</i> , 2009, 2228, 43-56.	0.2	65
8	Managing a sustainable deep-sea "blue economy" requires knowledge of what actually lives there. <i>ELife</i> , 2018, 7, .	2.8	58
9	The discovery of a natural whale fall in the Antarctic deep sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 92, 87-96.	0.6	54
10	A chemosynthetic weed: the tubeworm <i>Sclerolinum contortum</i> is a bipolar, cosmopolitan species. <i>BMC Evolutionary Biology</i> , 2015, 15, 280.	3.2	54
11	Phylogeny of Aphroditiformia (Polychaeta) based on molecular and morphological data. <i>Molecular Phylogenetics and Evolution</i> , 2005, 37, 494-502.	1.2	48
12	Bone-eating worms from the Antarctic: the contrasting fate of whale and wood remains on the Southern Ocean seafloor. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131390.	1.2	48
13	Cryptic speciation at organic-rich marine habitats: a new bacteriovore annelid from whale-fall and fish farms in the North-East Atlantic. <i>Zoological Journal of the Linnean Society</i> , 2009, 155, 774-785.	1.0	47
14	High symbiont diversity in the bone-eating worm <i>Osedax mucofloris</i> from shallow whale-falls in the North Atlantic. <i>Environmental Microbiology</i> , 2010, 12, 2355-2370.	1.8	47
15	Abyssal fauna of the UK-1 polymetallic nodule exploration area, Clarion-Clipperton Zone, central Pacific Ocean: Cnidaria. <i>Biodiversity Data Journal</i> , 2016, 4, e9277.	0.4	46
16	Systematics and biodiversity of <i>Ophryotrocha</i> (Annelida, Dorvilleidae) with descriptions of six new species from deep-sea whale-fall and wood-fall habitats in the north-east Pacific. <i>Systematics and Biodiversity</i> , 2012, 10, 243-259.	0.5	44
17	A new genus and species of abyssal sponge commonly encrusting polymetallic nodules in the Clarion-Clipperton Zone, East Pacific Ocean. <i>Systematics and Biodiversity</i> , 2017, 15, 507-519.	0.5	40
18	Abyssal fauna of the UK-1 polymetallic nodule exploration claim, Clarion-Clipperton Zone, central Pacific Ocean: Echinodermata. <i>Biodiversity Data Journal</i> , 2016, 4, e7251.	0.4	38

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19	Implications of population connectivity studies for the design of marine protected areas in the deep sea: An example of a demosponge from the Clarion-Clipperton Zone. <i>Molecular Ecology</i> , 2018, 27, 4657-4679.	2.0	37
20	Environment, ecology, and potential effectiveness of an area protected from deep-sea mining (Clarion) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.5	36
21	Phylogeny of Hesionidae (Aciculata, Polychaeta), assessed from morphology, 18S rDNA, 28S rDNA, 16S rDNA and COI. <i>Zoologica Scripta</i> , 2007, 36, 99-107.	0.7	34
22	Genetic connectivity from the Arctic to the Antarctic: <i>Sclerolinum contortum</i> and <i>Nicomache lokii</i> (Annelida) are both widespread in reducing environments. <i>Scientific Reports</i> , 2018, 8, 4810.	1.6	33
23	Two new Antarctic <i>Ophryotrocha</i> (Annelida: Dorvilleidae) described from shallow-water whale bones. <i>Polar Biology</i> , 2013, 36, 1031-1045.	0.5	29
24	Abyssal fauna of polymetallic nodule exploration areas, eastern Clarion-Clipperton Zone, central Pacific Ocean: Annelida: Capitellidae, Opheliidae, Scalibregmatidae, and Traviidae. <i>ZooKeys</i> , 2019, 883, 1-82.	0.5	29
25	First clues on the ecology of whale falls in the deep Atlantic Ocean: results from an experiment using cow carcasses. <i>Marine Ecology</i> , 2015, 36, 82-90.	0.4	28
26	First account on the diversity of <i>Ophryotrocha</i> (Annelida, Dorvilleidae) from a mammal-fall in the deep-Atlantic Ocean with the description of three new species. <i>Systematics and Biodiversity</i> , 2015, 13, 555-570.	0.5	26
27	<i>Vrijenhoekia balaenophila</i> , a new hesionid polychaete from a whale fall off California. <i>Zoological Journal of the Linnean Society</i> , 2008, 152, 625-634.	1.0	25
28	Abyssal fauna of the UK-1 polymetallic nodule exploration area, Clarion-Clipperton Zone, central Pacific Ocean: Mollusca. <i>ZooKeys</i> , 2017, 707, 1-46.	0.5	23
29	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
30	The phylogenetic relationships between Amphinomidae, Archinomidae and Euprosinidae (Amphinomida: Aciculata: Polychaeta), inferred from molecular data. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2008, 88, 509-513.	0.4	21
31	The Current State of Eunicida (Annelida) Systematics and Biodiversity. <i>Diversity</i> , 2021, 13, 74.	0.7	21
32	Molecular taxonomy of <i>Osedax</i> (Annelida: Siboglinidae) in the Southern Ocean. <i>Zoologica Scripta</i> , 2014, 43, 405-417.	0.7	19
33	Phylogenetic relationships within Nephtyidae (Polychaeta, Annelida). <i>Zoologica Scripta</i> , 2010, 39, 394-405.	0.7	18
34	Distributional Patterns of Polychaetes Across the West Antarctic Based on DNA Barcoding and Particle Tracking Analyses. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	16
35	High diversity and pan-oceanic distribution of deep-sea polychaetes: <i>Prionospio</i> and <i>Aurospio</i> (Annelida: Spionidae) in the Atlantic and Pacific Ocean. <i>Organisms Diversity and Evolution</i> , 2020, 20, 171-187.	0.7	16
36	Polynoid polychaetes of the Mid-Atlantic Ridge and a new holothurian association. <i>Marine Biology Research</i> , 2013, 9, 547-553.	0.3	14

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37	Taxonomy and phylogeny of mud owls (Annelida: Sternaspidae), including a new synonymy and new records from the Southern Ocean, North East Atlantic Ocean and Pacific Ocean: challenges in morphological delimitation. <i>Marine Biodiversity</i> , 2019, 49, 2659-2697.	0.3	14
38	The identity of juvenile Polynoidae (Annelida) in the Southern Ocean revealed by DNA taxonomy, with notes on the status of <i>Herdmanella gracilis</i> Ehlers sensu Augener. <i>Memoirs of Museum Victoria</i> , 2014, 71, 203-216.	0.6	14
39	<i>Chiridota heheva</i> – the cosmopolitan holothurian. <i>Marine Biodiversity</i> , 2020, 50, 1.	0.3	13
40	Biogeography and Connectivity Across Habitat Types and Geographical Scales in Pacific Abyssal Scavenging Amphipods. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	12
41	<i>Neanthes goodayi</i> sp. nov. (Annelida, Nereididae), a remarkable new annelid species living inside deep-sea polymetallic nodules. <i>European Journal of Taxonomy</i> , 0, 760, 160-185.	0.6	12
42	The London Workshop on the Biogeography and Connectivity of the Clarion-Clipperton Zone. <i>Research Ideas and Outcomes</i> , 0, 2, .	1.0	9
43	ï¿½Benthic megafauna of the western Clarion-Clipperton Zone, Pacific Ocean. <i>ZooKeys</i> , 0, 1113, 1-110.	0.5	9
44	A new species of <i>Raricirrus</i> (Annelida: Cirratuliformia) from deep-water sunken wood off California. <i>Zootaxa</i> , 2017, 4353, 51-68.	0.2	8
45	Four new species and further records of Dorvilleidae (Annelida, Polychaeta) from deep-sea organic substrata, NE Atlantic. <i>European Journal of Taxonomy</i> , 0, 736, 44-81.	0.6	8
46	Annelids of the eastern Australian abyss collected by the 2017 RV "Investigator"™ voyage. <i>ZooKeys</i> , 2021, 1020, 1-198.	0.5	8
47	Is the Antarctic <i>Ophryotrocha orensanzi</i> (Annelida: Dorvilleidae) a circumpolar non-specialized opportunist?. <i>Systematics and Biodiversity</i> , 2017, 15, 105-114.	0.5	6
48	Six new species of Macellicephala (Annelida: Polynoidae) from the Southern Ocean and south Atlantic with re-description of type species. <i>Zootaxa</i> , 2018, 4455, 1-34.	0.2	5
49	Mitochondrial genome and polymorphic microsatellite markers from the abyssal sponge <i>Plenaster craigi</i> Lim & Wiklund, 2017: tools for understanding the impact of deep-sea mining. <i>Marine Biodiversity</i> , 2018, 48, 621-630.	0.3	3
50	7.12.2 Dorvilleidae Chamberlin, 1919. , 2020, , 361-382.		1