

Nerida G Wilson

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,409
citations

304602

22
h-index

233338

45
g-index

81
all docs

81
docs citations

81
times ranked

2631
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolving the evolutionary relationships of molluscs with phylogenomic tools. <i>Nature</i> , 2011, 480, 364-367.	13.7	359
2	Ocean barriers and glaciation: evidence for explosive radiation of mitochondrial lineages in the Antarctic sea slug <i>Doris kerguelensis</i> (Mollusca, Nudibranchia). <i>Molecular Ecology</i> , 2009, 18, 965-984.	2.0	144
3	Phylogenomic analyses of deep gastropod relationships reject Orthogastropoda. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141739.	1.2	144
4	Molecular phylogeny of extant Holothuroidea (Echinodermata). <i>Molecular Phylogenetics and Evolution</i> , 2017, 111, 110-131.	1.2	133
5	Barcoding against a paradox? Combined molecular species delineations reveal multiple cryptic lineages in elusive meiofaunal sea slugs. <i>BMC Evolutionary Biology</i> , 2012, 12, 245.	3.2	128
6	New deep-sea species of <i>Xenoturbella</i> and the position of Xenacoelomorpha. <i>Nature</i> , 2016, 530, 94-97.	13.7	124
7	Fixed, free, and fixed: The fickle phylogeny of extant Crinoidea (Echinodermata) and their Permian–Triassic origin. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 161-181.	1.2	93
8	Patterns, processes and vulnerability of Southern Ocean benthos: a decadal leap in knowledge and understanding. <i>Marine Biology</i> , 2013, 160, 2295-2317.	0.7	79
9	A Species Flock Driven by Predation? Secondary Metabolites Support Diversification of Slugs in Antarctica. <i>PLoS ONE</i> , 2013, 8, e80277.	1.1	76
10	Assessing the molluscan hypothesis Serialia (Monoplacophora+Polyplacophora) using novel molecular data. <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 187-193.	1.2	62
11	Spawning and development in <i>Osedax</i> boneworms (Siboglinidae, Annelida). <i>Marine Biology</i> , 2009, 156, 395-405.	0.7	59
12	Shagenes A and B, New Tricyclic Sesquiterpenes Produced by an Undescribed Antarctic Octocoral. <i>Organic Letters</i> , 2014, 16, 2630-2633.	2.4	55
13	Cryptic species of <i>Archinome</i> (Annelida: Amphinomida) from vents and seeps. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131876.	1.2	50
14	Species Selection Favors Dispersive Life Histories in Sea Slugs, but Higher Per-Offspring Investment Drives Shifts to Short-Lived Larvae. <i>Systematic Biology</i> , 2015, 64, 983-999.	2.7	44
15	The phylogeny of extant starfish (Asteroidea: Echinodermata) including <i>Xyloplax</i> , based on comparative transcriptomics. <i>Molecular Phylogenetics and Evolution</i> , 2017, 115, 161-170.	1.2	40
16	Stabilizing selection on individual pattern elements of aposematic signals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170926.	1.2	36
17	Ringiculid bubble snails recovered as the sister group to sea slugs (Nudipleura). <i>Scientific Reports</i> , 2016, 6, 30908.	1.6	35
18	Flexible colour patterns obscure identification and mimicry in Indo-Pacific <i>Chromodoris nudibranchs</i> (Gastropoda: Chromodorididae). <i>Molecular Phylogenetics and Evolution</i> , 2018, 124, 27-36.	1.2	34

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19	Distribution of Defensive Metabolites in Nudibranch Molluscs. <i>Journal of Chemical Ecology</i> , 2018, 44, 384-396.	0.9	34
20	Toxicity and taste: unequal chemical defences in a mimicry ring. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180457.	1.2	34
21	Regional differentiation and extensive hybridization between mitochondrial clades of the Southern Ocean giant sea spider <i>Colossendeis megalonyx</i> . <i>Royal Society Open Science</i> , 2015, 2, 140424.	1.1	30
22	A Dwarf Male Reversal in Bone-Eating Worms. <i>Current Biology</i> , 2015, 25, 236-241.	1.8	29
23	Detecting glacial refugia in the Southern Ocean. <i>Ecography</i> , 2020, 43, 1639-1656.	2.1	23
24	3D microanatomy of a gastropod 'worm', <i>Rhodope rousei</i> n. sp. (Heterobranchia) from southern Australia. <i>Journal of Molluscan Studies</i> , 2011, 77, 375-387.	0.4	22
25	Five new deep-sea species of nudibranchs (Gastropoda: Heterobranchia: Cladobranchia) from the Northeast Pacific. <i>Zootaxa</i> , 2018, 4526, 401-433.	0.2	22
26	The Antarctic Circumpolar Current isolates and connects: Structured circumpolarity in the sea star <i>Glabraster antarctica</i> . <i>Ecology and Evolution</i> , 2018, 8, 10621-10633.	0.8	21
27	Convergent camouflage and the non-monophyly of 'seadragons' (Syngnathidae: Teleostei): suggestions for a revised taxonomy of syngnathids. <i>Zoologica Scripta</i> , 2010, 39, 551-558.	0.7	20
28	The Florida amphioxus (Cephalochordata) hosts larvae of the tapeworm <i>Acanthobothrium brevis</i> : natural history, anatomy and taxonomic identification of the parasite. <i>Acta Zoologica</i> , 2009, 90, 75-86.	0.6	18
29	Bioluminescent signals spatially amplified by wavelength-specific diffusion through the shell of a marine snail. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2112-2121.	1.2	18
30	Marine Biodiversity in Temperate Western Australia: Multi-Taxon Surveys of Minden and Roe Reefs. <i>Diversity</i> , 2016, 8, 7.	0.7	18
31	Molecular phylogeny of <i>Chromodoris</i> (Mollusca, Nudibranchia) and the identification of a planar spawning clade. <i>Molecular Phylogenetics and Evolution</i> , 2005, 36, 722-727.	1.2	17
32	Here be dragons - phylogeography of <i>Pteraeolidia ianthina</i> (Angas, 1864) reveals multiple species of photosynthetic nudibranchs (Aeolidina: Nudibranchia). <i>Zoological Journal of the Linnean Society</i> , 2015, 175, 119-133.	1.0	17
33	Keikipukalides, Furanocembrane Diterpenes from the Antarctic Deep Sea Octocoral <i>Plumarella delicatissima</i> . <i>Journal of Natural Products</i> , 2018, 81, 117-123.	1.5	17
34	A spectacular new species of seadragon (Syngnathidae). <i>Royal Society Open Science</i> , 2015, 2, 140458.	1.1	16
35	Using ultraconserved elements to track the influence of sea-level change on leafy seadragon populations. <i>Molecular Ecology</i> , 2021, 30, 1364-1380.	2.0	16
36	Molecular Identification of Larvae of a Tetracystid Tapeworm (Platyhelminthes: Eucestoda) in a Razor Clam as an Alternative Intermediate Host in the Life Cycle of <i>Acanthobothrium brevis</i> . <i>Journal of Parasitology</i> , 2009, 95, 1215-1217.	0.3	15

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37	A tropical Australian refuge for photosymbiotic benthic fauna. <i>Coral Reefs</i> , 2019, 38, 669-676.	0.9	15
38	Polyphyly across oceans: a molecular phylogeny of the Chromodorididae (Mollusca, Nudibranchia). <i>Zoologica Scripta</i> , 2007, 37, 071030075725001-???	0.7	14
39	COMPARATIVE SPERM ULTRASTRUCTURE IN FIVE GENERA OF THE NUDIBRANCH FAMILY CHROMODORIDIDAE (GASTROPODA: OPISTHOBRANCHIA). <i>Journal of Molluscan Studies</i> , 2002, 68, 133-145.	0.4	13
40	Mimicry and mitonuclear discordance in nudibranchs: New insights from exon capture phylogenomics. <i>Ecology and Evolution</i> , 2020, 10, 11966-11982.	0.8	13
41	Field collection of <i>Laevipilina hyalina</i> McLean, 1979 from southern California, the most accessible living monoplacophoran. <i>Journal of Molluscan Studies</i> , 2009, 75, 195-197.	0.4	12
42	A new species of deep-sea <i>Dendronotus</i> Alder & Hancock (Mollusca:Nudibranchia) from California, with an expanded phylogeny of the genus. <i>Invertebrate Systematics</i> , 2011, 25, 60.	0.5	12
43	A biting commentary: Integrating tooth characters with molecular data doubles known species diversity in a lineage of sea slugs that consume "killer algae". <i>Molecular Phylogenetics and Evolution</i> , 2018, 126, 356-370.	1.2	12
44	Microanatomy of shelled <i>Kolonella</i> cf. <i>minutissima</i> (Laseron, 1951) (Gastropoda: "lower") Rhodopemorpha slugs. <i>Journal of Molluscan Studies</i> , 2014, 80, 518-540.	0.4	11
45	Australian Tropical Marine Micromolluscs: An Overwhelming Bias. <i>Diversity</i> , 2016, 8, 17.	0.7	11
46	Dating Antarctic ice sheet collapse: Proposing a molecular genetic approach. <i>Quaternary Science Reviews</i> , 2018, 179, 153-157.	1.4	11
47	Fromamide, a Highly Modified Linear Hexapeptide from an Antarctic Sponge, Inhibits <i>Plasmodium falciparum</i> Liver-Stage Development. <i>Journal of Natural Products</i> , 2019, 82, 2354-2358.	1.5	11
48	First Report of the Coral-Killing Sponge <i>Terpios hoshinota</i> Rützler and Muzik, 1993 in Western Australia: A New Threat to Kimberley Coral Reefs?. <i>Diversity</i> , 2019, 11, 184.	0.7	11
49	Barriers to gene flow in common seadragons (Syngnathidae: <i>Phyllopteryx taeniolatus</i>). <i>Conservation Genetics</i> , 2017, 18, 53-66.	0.8	10
50	A newly discovered radiation of endoparasitic gastropods and their coevolution with asteroid hosts in Antarctica. <i>BMC Evolutionary Biology</i> , 2019, 19, 180.	3.2	10
51	Due South: The evolutionary history of Sub-Antarctic and Antarctic Tritoniidae nudibranchs. <i>Molecular Phylogenetics and Evolution</i> , 2021, 162, 107209.	1.2	10
52	Phylogenetic placement of the enigmatic worm-like Rhodopemorpha slugs as basal Heterobranchia. <i>Journal of Molluscan Studies</i> , 2017, 83, 399-408.	0.4	9
53	Bathypylones: Terpenoids from an Antarctic Sea Pen, <i>Anthoptilum grandiflorum</i> (Verrill, 1879). <i>Marine Drugs</i> , 2019, 17, 513.	2.2	9
54	Phylotranscriptomics confirms <i>Alveopora</i> is sister to <i>Montipora</i> within the family Acroporidae. <i>Marine Genomics</i> , 2020, 50, 100703.	0.4	9

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55	Seven snail species hidden in one: Biogeographic diversity in an apparently widespread periwinkle in the Southern Ocean. <i>Journal of Biogeography</i> , 2022, 49, 1521-1534.	1.4	9
56	Is <i>Cadlinella ornatissima</i> a chromodorid? Sperm ultrastructure in an enigmatic nudibranch (Opisthobranchia, Mollusca). <i>Invertebrate Reproduction and Development</i> , 2002, 42, 179-188.	0.3	8
57	The <i>Chelidonura tsurugensis</i> "sandrana" (Gastropoda: Cephalaspidea) species complex: do reproductive decisions maintain colour polymorphism?. <i>Journal of Molluscan Studies</i> , 2012, 78, 166-172.	0.4	8
58	The Leafy Seadragon, <i>Phycodurus eques</i> , a Flagship Species with Low But Structured Genetic Variability. <i>Journal of Heredity</i> , 2017, 108, esw075.	1.0	8
59	An approach using ddRADseq and machine learning for understanding speciation in Antarctic Antarctophilinidae gastropods. <i>Scientific Reports</i> , 2021, 11, 8473.	1.6	8
60	Basal chromodorid sperm ultrastructure (Nudibranchia, Gastropoda, Mollusca). <i>Zoomorphology</i> , 2006, 125, 99-107.	0.4	7
61	Tropical Range Extension for the Temperate, Endemic South-Eastern Australian Nudibranch <i>Goniobranchus splendidus</i> (Angas, 1864). <i>Diversity</i> , 2016, 8, 16.	0.7	7
62	Phylogeography of recent <i>Plesiastrea</i> (Scleractinia: Plesiastreidae) based on an integrated taxonomic approach. <i>Molecular Phylogenetics and Evolution</i> , 2022, 172, 107469.	1.2	6
63	A species complex within the red-reticulate <i>Goniobranchus</i> Pease, 1866 (Nudibranchia: Doridina: Tj ETQq1 1 0.784314 rgBT /Overloc	0.3	5
64	An ocean yet to be discovered: increasing systematic knowledge of Indo-Pacific. <i>Invertebrate Systematics</i> , 2021, 35, 797-825.	0.5	5
65	Australindolones, New Aminopyrimidine Substituted Indolone Alkaloids from an Antarctic Tunicate <i>Synoicum</i> sp.. <i>Marine Drugs</i> , 2022, 20, 196.	2.2	5
66	One Antarctic slug to confuse them all: the underestimated diversity of <i>Doris kerguelensis</i> . <i>Invertebrate Systematics</i> , 2022, 36, 419.	0.5	5
67	Erecting a new family for <i>Spirostyliferina</i> , a truncatelloidean microgastropod, and further insights into truncatelloidean phylogeny. <i>Zoologica Scripta</i> , 2019, 48, 727-744.	0.7	4
68	Sperm ultrastructure of the Actinocyclus (Mollusca, Nudibranchia) and homology of the terminal region of nudibranch sperm. <i>Invertebrate Reproduction and Development</i> , 2005, 47, 1-9.	0.3	3
69	Correction to Phylogenomic analyses of deep gastropod relationships reject Orthogastropoda. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142941.	1.2	3
70	Population genetic structure of a broadcast-spawning coral across a tropical-temperate transition zone reveals regional differentiation and high-latitude reef isolation. <i>Journal of Biogeography</i> , 2021, 48, 3185-3195.	1.4	3
71	Evolutionary innovations in Antarctic brittle stars linked to glacial refugia. <i>Ecology and Evolution</i> , 2021, 11, 17428-17446.	0.8	3
72	Saved by the Shell: Molecular Analysis Detects the Cryptic Sea Hare, <i>Aplysia concava</i> G. B. Sowerby I, 1833 (Mollusca: Heterobranchia: Aplysiidae), from Oceania, with a Redescription. <i>Taxonomy</i> , 2021, 1, 48-59.	0.4	2

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73	Hypselodoris jacksoni, a new species from the south-western Pacific Ocean (Nudibranchia: Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 willani Rudman, 1982. Zootaxa, 2007, 1549, 29-42.	0.2	1
74	Reproductive variance in planar spawning<i>Chromodoris</i>species (Mollusca: Nudibranchia). Molluscan Research, 2013, 33, 265-271.	0.2	1
75	Description of a new species of Bursatella Blainville, 1817 (Gastropoda, Aplysiida, Aplysiidae) from southern Australia. Molluscan Research, 2020, 40, 369-378.	0.2	1
76	Crossing the polar frontâ€”Antarctic species discovery in the nudibranch genus Tritoniella (Gastropoda). Organisms Diversity and Evolution, 2022, 22, 431-456.	0.7	1
77	Nudibranchs. Current Biology, 2018, 28, R4-R5.	1.8	0
78	A new genus with two new capitate species of dimorphic soft corals (Octocorallia : Alcyoniidae) from north-western Australia. Invertebrate Systematics, 2019, , .	0.5	0