

# Suzanne T. Williams

## List of Publications by Year in descending order

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61  
papers

3,410  
citations

101543

36  
h-index

149698

56  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2891  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial Pseudogenes Are Pervasive and Often Insidious in the Snapping Shrimp Genus <i>Alpheus</i> . <i>Molecular Biology and Evolution</i> , 2001, 18, 1484-1493.	8.9	172
2	Molluscan shell colour. <i>Biological Reviews</i> , 2017, 92, 1039-1058.	10.4	156
3	A molecular phylogeny of the Littorininae (Gastropoda: Littorinidae): unequal evolutionary rates, morphological parallelism, and biogeography of the Southern Ocean. <i>Molecular Phylogenetics and Evolution</i> , 2003, 28, 60-86.	2.7	153
4	A review of contemporary patterns of endemism for shallow water reef fauna in the Red Sea. <i>Journal of Biogeography</i> , 2016, 43, 423-439.	3.0	150
5	DID TECTONIC ACTIVITY STIMULATE OLIGO-MIOCENE SPECIATION IN THE INDO-WEST PACIFIC?. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 1618-1634.	2.3	136
6	Comparative phylogeography and species boundaries in <i>Echinolittorina</i> snails in the central Indo-West Pacific. <i>Journal of Biogeography</i> , 2006, 33, 990-1006.	3.0	127
7	A molecular phylogeny of heterodont bivalves (Mollusca: Bivalvia: Heterodonta): new analyses of 18S and 28S rRNA genes. <i>Zoologica Scripta</i> , 2007, 36, 587-606.	1.7	119
8	Genetic Structure of Giant Clam ( <i>Tridacna maxima</i> ) Populations in the West Pacific is Not Consistent with Dispersal by Present-Day Ocean Currents. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 768.	2.3	108
9	Molecular phylogeny suggests polyphyly of both the turban shells (family Turbinidae) and the superfamily Trochoidea (Mollusca: Vetigastropoda). <i>Molecular Phylogenetics and Evolution</i> , 2006, 39, 33-51.	2.7	104
10	Evidence for Three Major Clades within the Snapping Shrimp Genus <i>Alpheus</i> Inferred from Nuclear and Mitochondrial Gene Sequence Data. <i>Molecular Phylogenetics and Evolution</i> , 2001, 20, 375-389.	2.7	96
11	Molecular systematics of the marine gastropod families Trochidae and Calliostomatidae (Mollusca: Trochidae). <i>Molecular Phylogenetics and Evolution</i> , 2001, 20, 375-389.	2.7	89
12	Phylogeography unplugged: comparative surveys in the genomic era. <i>Bulletin of Marine Science</i> , 2014, 90, 13-46.	0.8	86
13	The complete mitochondrial genome of a turbinid vetigastropod from MiSeq Illumina sequencing of genomic DNA and steps towards a resolved gastropod phylogeny. <i>Gene</i> , 2014, 533, 38-47.	2.2	86
14	Evidence of a Biogeographic Break Between Populations of a High Dispersal Starfish: Congruent Regions Within the Indo-West Pacific Defined by Color Morphs, mtDNA, and Allozyme Data. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 87.	2.3	81
15	Mudwhelks and mangroves: The evolutionary history of an ecological association (Gastropoda: Trochidae). <i>Molecular Phylogenetics and Evolution</i> , 2001, 20, 375-389.	2.7	80
16	Molecular systematics of Vetigastropoda: Trochidae, Turbinidae and Trochoidea redefined. <i>Zoologica Scripta</i> , 2008, 37, 483-506.	1.7	78
17	Global diversification of mangrove fauna: a molecular phylogeny of <i>Littoraria</i> (Gastropoda: Trochidae). <i>Molecular Phylogenetics and Evolution</i> , 2001, 20, 375-389.	2.7	77
18	Indo-West Pacific patterns of genetic differentiation in the high-dispersal starfish <i>Linckia laevigata</i> . <i>Molecular Ecology</i> , 1997, 6, 559-573.	3.9	76

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19	The Marine Indo-West Pacific Break: Contrasting the Resolving Power of Mitochondrial and Nuclear Genes. <i>Integrative and Comparative Biology</i> , 2002, 42, 941-952.	2.0	76
20	MOLECULAR PHYLOGENY OF THE LUCINOIDEA (BIVALVIA): NON-MONOPHYLY AND SEPARATE ACQUISITION OF BACTERIAL CHEMOSYMBIOSIS. <i>Journal of Molluscan Studies</i> , 2004, 70, 187-202.	1.2	71
21	A molecular phylogenetic framework for the Muricidae, a diverse family of carnivorous gastropods. <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 1025-1039.	2.7	71
22	Species boundaries in the starfish genus <i>Linckia</i> . <i>Marine Biology</i> , 2000, 136, 137-148.	1.5	69
23	A global molecular phylogeny of 147 periwinkle species (Gastropoda, Littorininae). <i>Zoologica Scripta</i> , 2012, 41, 125-136.	1.7	64
24	Origins and diversification of Indo-West Pacific marine fauna: evolutionary history and biogeography of turban shells (Gastropoda, Turbinidae). <i>Biological Journal of the Linnean Society</i> , 0, 92, 573-592.	1.6	61
25	Genetic consequences of long larval life in the starfish <i>Linckia laevigata</i> (Echinodermata: Asteroidea) on the Great Barrier Reef. <i>Marine Biology</i> , 1993, 117, 71-77.	1.5	59
26	The geographic scale of speciation in a marine snail with high dispersal potential. <i>Journal of Biogeography</i> , 2011, 38, 1016-1032.	3.0	58
27	Evolutionary relationships of the bivalve family Thyasiridae (Mollusca: Bivalvia), monophyly and superfamily status. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 565-574.	0.8	57
28	The gene-rich genome of the scallop <i>Pecten maximus</i> . <i>GigaScience</i> , 2020, 9, .	6.4	53
29	Gene flow among giant clam ( <i>Tridacna gigas</i> ) populations in Pacific does not parallel ocean circulation. <i>Marine Biology</i> , 1995, 123, 781-787.	1.5	49
30	Identification of Shell Colour Pigments in Marine Snails <i>Clanculus pharaonius</i> and <i>C. margaritarius</i> (Trochoidea; Gastropoda). <i>PLoS ONE</i> , 2016, 11, e0156664.	2.5	45
31	No genetic differentiation of giant clam ( <i>Tridacna gigas</i> ) populations in the Great Barrier Reef, Australia. <i>Marine Biology</i> , 1992, 113, 373-377.	1.5	43
32	Advances in molecular systematics of the vetigastropod superfamily Trochoidea. <i>Zoologica Scripta</i> , 2012, 41, 571-595.	1.7	43
33	Phylogenetic relationships elucidate colonization patterns in the intertidal grazers <i>Osilinus Philippi</i> , 1847 and <i>Phorcus Risso</i> , 1826 (Gastropoda: Trochidae) in the northeastern Atlantic Ocean and Mediterranean Sea. <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 35-45.	2.7	42
34	Genetic uniformity of widely separated populations of the coral reef starfish <i>Linckia laevigata</i> from the East Indian and West Pacific Oceans, revealed by allozyme electrophoresis. <i>Marine Biology</i> , 1996, 126, 99-107.	1.5	41
35	SPECIATION AND DISPERSAL ALONG CONTINENTAL COASTLINES AND ISLAND ARCS IN THE INDO-WEST PACIFIC TURBINID GASTROPOD GENUS <i>LUNELLA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1752-1771.	2.3	39
36	Molecular phylogeny and classification of the chemosymbiotic bivalve family Lucinidae (Mollusca: Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.3	39

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37	Evolution of corallivory in the gastropod genus <i>Drupella</i> . <i>Coral Reefs</i> , 2011, 30, 977-990.	2.2	38
38	Global phylogeny and new classification of the Rapaninae (Gastropoda: Muricidae), dominant molluscan predators on tropical rocky seashores. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 91-102.	2.7	38
39	Colorful seashells: Identification of haem pathway genes associated with the synthesis of porphyrin shell color in marine snails. <i>Ecology and Evolution</i> , 2017, 7, 10379-10397.	1.9	34
40	Genetic structure of giant clam ( <i>Tridacna maxima</i> ) populations from reefs in the Western Coral Sea. <i>Coral Reefs</i> , 1992, 11, 135-141.	2.2	33
41	Safe and legal shipment of tissue samples: does it affect DNA quality?. <i>Journal of Molluscan Studies</i> , 2007, 73, 416-418.	1.2	31
42	Cenozoic climate change and diversification on the continental shelf and slope: evolution of gastropod diversity in the family Solariellidae (Trochoidea). <i>Ecology and Evolution</i> , 2013, 3, 887-917.	1.9	28
43	Limitations in the genetic variation of hatchery produced batches of the giant clam, <i>Tridacna gigas</i> . <i>Aquaculture</i> , 1996, 139, 225-241.	3.5	27
44	The subfamily Littorininae (Gastropoda: Littorinidae) in the temperate Southern Hemisphere: the genera <i>Nodilittorina</i> , <i>Austrolittorina</i> and <i>Afrolittorina</i> . <i>Records of the Australian Museum</i> , 2004, 56, 75-122.	0.2	25
45	Phylogenetic relationships among giant clam species (Mollusca: Tridacnidae) determined by protein electrophoresis. <i>Marine Biology</i> , 1998, 132, 123-133.	1.5	24
46	Curious bivalves: Systematic utility and unusual properties of anomalodesmatan mitochondrial genomes. <i>Molecular Phylogenetics and Evolution</i> , 2017, 110, 60-72.	2.7	24
47	Predation and the geography of opercular thickness in turbinid gastropods. <i>Journal of Molluscan Studies</i> , 2007, 73, 67-73.	1.2	23
48	A molecular phylogeny of the Rapaninae and Ergalataxinae (Neogastropoda: Muricidae). <i>Journal of Molluscan Studies</i> , 2008, 74, 215-221.	1.2	23
49	Diversification of chemosymbiotic bivalves: origins and relationships of deeper water Lucinidae. <i>Biological Journal of the Linnean Society</i> , 2014, 111, 401-420.	1.6	19
50	A molecular phylogenetic framework for the Ergalataxinae (Neogastropoda: Muricidae). <i>Journal of Molluscan Studies</i> , 2013, 79, 19-29.	1.2	14
51	Evolution at a Different Pace: Distinctive Phylogenetic Patterns of Cone Snails from Two Ancient Oceanic Archipelagos. <i>Systematic Biology</i> , 2014, 63, 971-987.	5.6	14
52	Speciation and dietary specialization in <i>Drupa</i> , a genus of predatory marine snails (Gastropoda: Turridae). <i>Journal of Molluscan Studies</i> , 2017, 83, 1-10.	1.7	10
53	Phylogenetic distribution of shell colour in <i>Bivalvia</i> (Mollusca). <i>Biological Journal of the Linnean Society</i> , 2018, 125, 377-391.	1.6	10
54	New genus <i>Arxellia</i> with new species of Solariellidae (Gastropoda: Trochoidea) from New Caledonia, Papua New Guinea, Philippines, Western Australia, Vanuatu and Tonga. <i>Zootaxa</i> , 2014, 3826, 255-81.	0.5	8

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55	Colour in bivalve shells: Using resonance Raman spectroscopy to compare pigments at different phylogenetic levels. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 1527-1536.	2.5	7
56	The utility of micro-computed tomography for the non-destructive study of eye microstructure in snails. <i>Scientific Reports</i> , 2019, 9, 15411.	3.3	6
57	Fast and easy method for total DNA extraction and gene amplification from larvae, spat and adult mussels <i>Mytilus trossulus</i> from the Baltic Sea. <i>Oceanological and Hydrobiological Studies</i> , 2013, 42, 486-489.	0.7	5
58	On some Vetigastropoda (Mollusca, Gastropoda) from the Plio-Pleistocene of the Philippines with descriptions of three new species. <i>Zootaxa</i> , 2014, 3755, 101-35.	0.5	5
59	Margarellinae: a new calliostomatid subfamily. <i>Zoologica Scripta</i> , 2013, 42, 227-227.	1.7	4
60	The marine gastropod <i>Conomurex luhuanus</i> (Strombidae) has high-resolution spatial vision and eyes with complex retinas. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	4
61	Discovery of protein-based natural hydrogel from the girdle of the "sea cockroach" <i>Chiton articulatus</i> (Chitonida: Chitonidae). <i>PeerJ</i> , 2022, 10, e13386.	2.0	1