Suzanne T. Williams

List of Publications by Year
in descending order

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	Discovery of protein-based natural hydrogel from the girdle of the â€˜sea cockroachâ€™ Chiton articulatus (Chitonida: Chitonidae). PeerJ, 2022, 10, e13386.	2.0	1
2	The marine gastropod Conomurex luhuanus (Strombidae) has high-resolution spatial vision and eyes with complex retinas. Journal of Experimental Biology, 2022, 225, .	1.7	4
3	The gene-rich genome of the scallop Pecten maximus. GigaScience, 2020, 9, .	6.4	53
4	Colour in bivalve shells: Using resonance Raman spectroscopy to compare pigments at different phylogenetic levels. Journal of Raman Spectroscopy, 2019, 50, 1527-1536.	2.5	7
5	The utility of micro-computed tomography for the non-destructive study of eye microstructure in snails. Scientific Reports, 2019, 9, 15411.	3.3	6
6	Phylogenetic distribution of shell colour in Bivalvia (Mollusca). Biological Journal of the Linnean Society, 2018, 125, 377-391.	1.6	10
7	Molluscan shell colour. Biological Reviews, 2017, 92, 1039-1058.	10.4	156
8	Curious bivalves: Systematic utility and unusual properties of anomalodesmatan mitochondrial genomes. Molecular Phylogenetics and Evolution, 2017, 110, 60-72.	2.7	24
9	Colorful seashells: Identification of haem pathway genes associated with the synthesis of porphyrin shell color in marine snails. Ecology and Evolution, 2017, 7, 10379-10397.	1.9	34
10	A review of contemporary patterns of endemism for shallow water reef fauna in the Red Sea. Journal of Biogeography, 2016, 43, 423-439.	3.0	150
11	Identification of Shell Colour Pigments in Marine Snails Clanculus pharaonius and C. margaritarius (Trochoidea; Gastropoda). PLoS ONE, 2016, 11, e0156664.	2.5	45
12	On some Vetigastropoda (Mollusca, Gastropoda) from the Plio-Pleistocene of the Philippines with descriptions of three new species. Zootaxa, 2014, 3755, 101-35.	0.5	5
13	Phylogeography unplugged: comparative surveys in the genomic era. Bulletin of Marine Science, 2014, 90, 13-46.	0.8	86
14	Diversification of chemosymbiotic bivalves: origins and relationships of deeper water Lucinidae. Biological Journal of the Linnean Society, 2014, 111, 401-420.	1.6	19
15	Evolution at a Different Pace: Distinctive Phylogenetic Patterns of Cone Snails from Two Ancient Oceanic Archipelagos. Systematic Biology, 2014, 63, 971-987.	5.6	14
16	The complete mitochondrial genome of a turbinid vetigastropod from MiSeq Illumina sequencing of genomic DNA and steps towards a resolved gastropod phylogeny. Gene, 2014, 533, 38-47.	2.2	86
17	New genus Arxellia with new species of Solariellidae (Gastropoda: Trochoidea) from New Caledonia, Papua New Guinea, Philippines, Western Australia, Vanuatu and TongaÂ. Zootaxa, 2014, 3826, 255-81.	0.5	8
18	Fast and easy method for total DNA extraction and gene amplification from larvae, spat and adult mussels Mytilus trossulus from the Baltic Sea. Oceanological and Hydrobiological Studies, 2013, 42, 486-489.	0.7	5

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19	Margarellinae: a new calliostomatid subfamily. Zoologica Scripta, 2013, 42, 227-227.	1.7	4
20	Global phylogeny and new classification of the Rapaninae (Gastropoda: Muricidae), dominant molluscan predators on tropical rocky seashores. Molecular Phylogenetics and Evolution, 2013, 66, 91-102.	2.7	38
21	Cenozoic climate change and diversification on the continental shelf and slope: evolution of gastropod diversity in the family Solariellidae (Trochoidea). Ecology and Evolution, 2013, 3, 887-917.	1.9	28
22	A molecular phylogenetic framework for the Ergalataxinae (Neogastropoda: Muricidae). Journal of Molluscan Studies, 2013, 79, 19-29.	1.2	14
23	Phylogenetic relationships elucidate colonization patterns in the intertidal grazers Osilinus Philippi, 1847 and Phorcus Risso, 1826 (Gastropoda: Trochidae) in the northeastern Atlantic Ocean and Mediterranean Sea. Molecular Phylogenetics and Evolution, 2012, 62, 35-45.	2.7	42
24	A global molecular phylogeny of 147 periwinkle species (Gastropoda, Littorininae). Zoologica Scripta, 2012, 41, 125-136.	1.7	64
25	Speciation and dietary specialization in Drupa, a genus of predatory marine snails (Gastropoda:) Tj ETQq1 1 0.784314 rgBT /Ov	1.7	10
26	Advances in molecular systematics of the vetigastropod superfamily Trochoidea. Zoologica Scripta, 2012, 41, 571-595.	1.7	43
27	The geographic scale of speciation in a marine snail with high dispersal potential. Journal of Biogeography, 2011, 38, 1016-1032.	3.0	58
28	SPECIATION AND DISPERSAL ALONG CONTINENTAL COASTLINES AND ISLAND ARCS IN THE INDO-WEST PACIFIC TURBINID GASTROPOD GENUSLUNELLA. Evolution; International Journal of Organic Evolution, 2011, 65, 1752-1771.	2.3	39
29	Molecular phylogeny and classification of the chemosymbiotic bivalve family Lucinidae (Mollusca:) Tj ETQq1 1 0.784314 rgBT /Overlock	2.3	39
30	Evolution of corallivory in the gastropod genus Drupella. Coral Reefs, 2011, 30, 977-990.	2.2	38
31	Global diversification of mangrove fauna: a molecular phylogeny of Littoraria (Gastropoda:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	2.7	77
32	A molecular phylogenetic framework for the Muricidae, a diverse family of carnivorous gastropods. Molecular Phylogenetics and Evolution, 2010, 56, 1025-1039.	2.7	71
33	Molecular systematics of the marine gastropod families Trochidae and Calliostomatidae (Mollusca:) Tj ETQq1 1 0.784314 rgBT /Overlo	2.7	89
34	Mudwhelks and mangroves: The evolutionary history of an ecological association (Gastropoda:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	2.7	80
35	DID TECTONIC ACTIVITY STIMULATE OLIGOâ€“MIOCENE SPECIATION IN THE INDOâ€WEST PACIFIC?. Evolution; International Journal of Organic Evolution, 2008, 62, 1618-1634.	2.3	136
36	Molecular systematics of Vetigastropoda: Trochidae, Turbinidae and Trochoidea redefined. Zoologica Scripta, 2008, 37, 483-506.	1.7	78

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37	A molecular phylogeny of the Rapaninae and Ergalataxinae (Neogastropoda: Muricidae). Journal of Molluscan Studies, 2008, 74, 215-221.	1.2	23
38	Predation and the geography of opercular thickness in turbinid gastropods. Journal of Molluscan Studies, 2007, 73, 67-73.	1.2	23
39	Safe and legal shipment of tissue samples: does it affect DNA quality?. Journal of Molluscan Studies, 2007, 73, 416-418.	1.2	31
40	Evolutionary relationships of the bivalve family Thyasiridae (Mollusca: Bivalvia), monophyly and superfamily status. Journal of the Marine Biological Association of the United Kingdom, 2007, 87, 565-574.	0.8	57
41	A molecular phylogeny of heterodont bivalves (Mollusca: Bivalvia: Heterodonta): new analyses of 18S and 28S rRNA genes. Zoologica Scripta, 2007, 36, 587-606.	1.7	119
42	Comparative phylogeography and species boundaries in Echinolittorina snails in the central Indo-West Pacific. Journal of Biogeography, 2006, 33, 990-1006.	3.0	127
43	Molecular phylogeny suggests polyphyly of both the turban shells (family Turbinidae) and the superfamily Trochoidea (Mollusca: Vetigastropoda). Molecular Phylogenetics and Evolution, 2006, 39, 33-51.	2.7	104
44	MOLECULAR PHYLOGENY OF THE LUCINOIDEA (BIVALVIA): NONâ€MONOPHYLY AND SEPARATE ACQUISITION OF BACTERIAL CHEMOSYMBIOSIS. Journal of Molluscan Studies, 2004, 70, 187-202.	1.2	71
45	The subfamily Littorininae (Gastropoda: Littorinidae) in the temperate Southern Hemisphere: the genera Nodilittorina, Austrolittorina and Afrolittorina. Records of the Australian Museum, 2004, 56, 75-122.	0.2	25
46	A molecular phylogeny of the Littorininae (Gastropoda: Littorinidae): unequal evolutionary rates, morphological parallelism, and biogeography of the Southern Ocean. Molecular Phylogenetics and Evolution, 2003, 28, 60-86.	2.7	153
47	The Marine Indo-West Pacific Break: Contrasting the Resolving Power of Mitochondrial and Nuclear Genes. Integrative and Comparative Biology, 2002, 42, 941-952.	2.0	76
48	Evidence for Three Major Clades within the Snapping Shrimp Genus Alpheus Inferred from Nuclear and Mitochondrial Gene Sequence Data. Molecular Phylogenetics and Evolution, 2001, 20, 375-389.	2.7	96
49	Mitochondrial Pseudogenes Are Pervasive and Often Insidious in the Snapping Shrimp Genus Alpheus. Molecular Biology and Evolution, 2001, 18, 1484-1493.	8.9	172
50	Species boundaries in the starfish genus Linckia. Marine Biology, 2000, 136, 137-148.	1.5	69
51	Phylogenetic relationships among giant clam species (Mollusca: Tridacnidae) determined by protein electrophoresis. Marine Biology, 1998, 132, 123-133.	1.5	24
52	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. Evolution; International Journal of Organic Evolution, 1998, 52, 87.	2.3	81
53	Genetic Structure of Giant Clam (Tridacna maxima) Populations in the West Pacific is Not Consistent with Dispersal by Present-Day Ocean Currents. Evolution; International Journal of Organic Evolution, 1997, 51, 768.	2.3	108
54	Indoâ€West Pacific patterns of genetic differentiation in the highâ€dispersal starfish Linckia laevigata. Molecular Ecology, 1997, 6, 559-573.	3.9	76

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55	Limitations in the genetic variation of hatchery produced batches of the giant clam, Tridacna gigas. Aquaculture, 1996, 139, 225-241.	3.5	27
56	Genetic uniformity of widely separated populations of the coral reef starfishLinckia laevigata from the East Indian and West Pacific Oceans, revealed by allozyme electrophoresis. Marine Biology, 1996, 126, 99-107.	1.5	41
57	Gene flow among giant clam (Tridacna gigas) populations in Pacific does not parallel ocean circulation. Marine Biology, 1995, 123, 781-787.	1.5	49
58	Genetic consequences of long larval life in the starfish Linckia laevigata (Echinodermata: Asteroidea) on the Great Barrier Reef. Marine Biology, 1993, 117, 71-77.	1.5	59
59	Genetic structure of giant clam (Tridacna maxima) populations from reefs in the Western Coral Sea. Coral Reefs, 1992, 11, 135-141.	2.2	33
60	No genetic differentiation of giant clam (Tridacna gigas) populations in the Great Barrier Reef, Australia. Marine Biology, 1992, 113, 373-377.	1.5	43
61	Origins and diversification of Indo-West Pacific marine fauna: evolutionary history and biogeography of turban shells (Gastropoda, Turbinidae). Biological Journal of the Linnean Society, 0, 92, 573-592.	1.6	61