

# Jane E Williamson

## List of Publications by Year in descending order

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108  
papers

3,451  
citations

147726

31  
h-index

161767

54  
g-index

116  
all docs

116  
docs citations

116  
times ranked

4089  
citing authors

#	ARTICLE	IF	CITATIONS
1	ENCORE: The Effect of Nutrient Enrichment on Coral Reefs. Synthesis of Results and Conclusions. <i>Marine Pollution Bulletin</i> , 2001, 42, 91-120.	2.3	371
2	Near-future levels of ocean acidification reduce fertilization success in a sea urchin. <i>Current Biology</i> , 2008, 18, R651-R652.	1.8	229
3	Larval settlement of the common Australian sea urchin <i>Heliocidaris erythrogramma</i> in response to bacteria from the surface of coralline algae. <i>Oecologia</i> , 2006, 149, 604-619.	0.9	218
4	OCEANIC VARIABILITY AND COASTAL TOPOGRAPHY SHAPE GENETIC STRUCTURE IN A LONG-DISPERSING SEA URCHIN. <i>Ecology</i> , 2007, 88, 3055-3064.	1.5	157
5	Trophic transfer of microplastics does not affect fish personality. <i>Animal Behaviour</i> , 2017, 123, 159-167.	0.8	110
6	It pays to cheat: tactical deception in a cephalopod social signalling system. <i>Biology Letters</i> , 2012, 8, 729-732.	1.0	91
7	Individual Variability in Reproductive Success Determines Winners and Losers under Ocean Acidification: A Case Study with Sea Urchins. <i>PLoS ONE</i> , 2012, 7, e53118.	1.1	88
8	Density-dependent sea urchin grazing: differential removal of species, changes in community composition and alternative community states. <i>Marine Ecology - Progress Series</i> , 2005, 298, 143-156.	0.9	86
9	Induction of Settlement of Larvae of the Sea Urchin <i>Holopneustes purpurascens</i> by Histamine From a Host Alga. <i>Biological Bulletin</i> , 2004, 206, 161-172.	0.7	83
10	Microplastics on beaches: ingestion and behavioural consequences for beachhoppers. <i>Marine Biology</i> , 2016, 163, 1.	0.7	82
11	The Drone Revolution of Shark Science: A Review. <i>Drones</i> , 2021, 5, 8.	2.7	66
12	Maternal provisioning for larvae and larval provisioning for juveniles in the toxopneustid sea urchin <i>Tripneustes gratilla</i> . <i>Marine Biology</i> , 2008, 155, 473-482.	0.7	65
13	Availability of two forms of dissolved nitrogen to the coral <i>Pocillopora damicornis</i> and its symbiotic zooxanthellae. <i>Marine Biology</i> , 1999, 133, 561-570.	0.7	64
14	Genetic structure of a recent climate change-driven range extension. <i>Molecular Ecology</i> , 2010, 19, 2011-2024.	2.0	64
15	Induction of metamorphosis in the sea urchin <i>Holopneustes purpurascens</i> by a metabolite complex from the algal host <i>Delisea pulchra</i> . <i>Biological Bulletin</i> , 2000, 198, 332-345.	0.7	62
16	Drone-Based High-Resolution Tracking of Aquatic Vertebrates. <i>Drones</i> , 2018, 2, 37.	2.7	58
17	Virome composition in marine fish revealed by meta-transcriptomics. <i>Virus Evolution</i> , 2021, 7, veab005.	2.2	58
18	Ocean acidification has lethal and sub-lethal effects on larval development of yellowfin tuna, <i>Thunnus albacares</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 482, 18-24.	0.7	54

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19	Hidden diversity and evolution of viruses in market fish. <i>Virus Evolution</i> , 2018, 4, vey031.	2.2	54
20	GoPro as an underwater photogrammetry tool for citizen science. <i>PeerJ</i> , 2016, 4, e1960.	0.9	49
21	DEMOGRAPHIC CONSEQUENCES OF AN ONTOGENETIC SHIFT BY A SEA URCHIN IN RESPONSE TO HOST PLANT CHEMISTRY. <i>Ecology</i> , 2004, 85, 1355-1371.	1.5	46
22	The potential impact of ocean acidification upon eggs and larvae of yellowfin tuna ( <i>Thunnus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.6	44
23	Blood cortisol concentrations predict boldness in juvenile mulloway ( <i>Argyrosomus japonicus</i> ). <i>Journal of Ethology</i> , 2012, 30, 225-232.	0.4	41
24	Settlement of larval blacklip abalone, <i>Haliotis rubra</i> , in response to green and red macroalgae. <i>Marine Biology</i> , 2005, 147, 1155-1163.	0.7	39
25	Resource use of great hammerhead sharks ( <i>Sphyrna mokarran</i> ) off eastern Australia. <i>Journal of Fish Biology</i> , 2019, 95, 1430-1440.	0.7	39
26	Ocean acidification impacts on sperm mitochondrial membrane potential bring sperm swimming behaviour near its tipping point. <i>Journal of Experimental Biology</i> , 2015, 218, 1084-1090.	0.8	38
27	How Reliable Is Structure from Motion (SfM) over Time and between Observers? A Case Study Using Coral Reef Bommies. <i>Remote Sensing</i> , 2017, 9, 740.	1.8	36
28	Use of JC-1 to assess mitochondrial membrane potential in sea urchin sperm. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 452, 91-100.	0.7	35
29	Larval development and metamorphosis of the Australian diadematid sea urchin <i>Centrostephanus rodgersii</i> . <i>Invertebrate Reproduction and Development</i> , 2005, 47, 197-204.	0.3	32
30	Dietary niche differentiation of five sympatric species of <i>Platycephalidae</i> . <i>Environmental Biology of Fishes</i> , 2011, 90, 429-441.	0.4	32
31	A global invader or a complex of regionally distributed species? Clarifying the status of an invasive calcareous tubeworm <i>Hydroides dianthus</i> (Verrill, 1873) (Polychaeta: Serpulidae) using DNA barcoding. <i>Marine Biology</i> , 2017, 164, 1.	0.7	32
32	Collaborative photo-identification and monitoring of grey nurse sharks ( <i>Carcharias taurus</i> ) at key aggregation sites along the eastern coast of Australia. <i>Marine and Freshwater Research</i> , 2010, 61, 971.	0.7	31
33	A video and photographic study of aggregation, swimming and respiratory behaviour changes in the Grey Nurse Shark ( <i>Carcharias taurus</i> ) in response to the presence of SCUBA divers. <i>Marine and Freshwater Behaviour and Physiology</i> , 2011, 44, 75-92.	0.4	31
34	Nutritional interaction in an alga-barnacle association. <i>Oecologia</i> , 1994, 99, 16-20.	0.9	29
35	Reproductive cycle of the sea urchin <i>Holopneustes purpurascens</i> (Temnopleuridae: Echinodermata). <i>Marine Biology</i> , 2002, 140, 519-532.	0.7	28
36	Metagenomic sequencing reveals a lack of virus exchange between native and invasive freshwater fish across the Murray-Darling Basin, Australia. <i>Virus Evolution</i> , 2021, 7, veab034.	2.2	27

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37	Going Batty: The Challenges and Opportunities of Using Drones to Monitor the Behaviour and Habitat Use of Rays. <i>Drones</i> , 2021, 5, 12.	2.7	27
38	Long-term changes in polychaete assemblages of Botany Bay (NSW, Australia) following a dredging event. <i>Marine Pollution Bulletin</i> , 2006, 52, 997-1010.	2.3	26
39	Sperm swimming in the polychaete <i>Galeolaria caespitosa</i> shows substantial inter-individual variability in response to future ocean acidification. <i>Marine Pollution Bulletin</i> , 2014, 78, 213-217.	2.3	26
40	Not all sawsharks are equal: species of co-existing sawsharks show plasticity in trophic consumption both within and between species. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 1769-1775.	0.7	26
41	Is <i>Hydroides brachyacantha</i> (Serpulidae : Annelida) a widespread species?. <i>Invertebrate Systematics</i> , 2016, 30, 41.	0.5	26
42	New disease outbreak affects two dominant sea urchin species associated with Australian temperate reefs. <i>Marine Ecology - Progress Series</i> , 2016, 551, 171-183.	0.9	26
43	Population Expansion and Genetic Structure in <i>Carcharhinus brevipinna</i> in the Southern Indo-Pacific. <i>PLoS ONE</i> , 2013, 8, e75169.	1.1	21
44	Diel vertical movement by mesograzers on seaweeds. <i>Marine Ecology - Progress Series</i> , 1998, 166, 301-306.	0.9	21
45	Effects of acclimatisation on behavioural repeatability in two behaviour assays of the guppy <i>Poecilia reticulata</i> . <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	0.6	20
46	Effects of on-deck holding conditions and air exposure on post-release behaviours of sharks revealed by a remote operated vehicle. <i>Journal of Experimental Marine Biology and Ecology</i> , 2019, 511, 10-18.	0.7	20
47	Remotely operated vehicles as alternatives to snorkellers for video-based marine research. <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 522, 151253.	0.7	20
48	Genetic structure and diversity of two highly vulnerable carcharhinids in Australian waters. <i>Endangered Species Research</i> , 2014, 24, 45-60.	1.2	19
49	Putting sea cucumbers on the map: projected holothurian bioturbation rates on a coral reef scale. <i>Coral Reefs</i> , 2021, 40, 559-569.	0.9	19
50	Age and growth parameters for three heavily exploited shark species off temperate eastern Australia. <i>ICES Journal of Marine Science</i> , 2014, 71, 559-573.	1.2	18
51	Revision of the genus <i>Hydroides</i> (Annelida: Serpulidae) from Australia. <i>Zootaxa</i> , 2015, 4009, 1-99.	0.2	18
52	Strontium mineralization of shark vertebrae. <i>Scientific Reports</i> , 2016, 6, 29698.	1.6	18
53	First insights into the function of the sawshark rostrum through examination of rostral tooth microwear. <i>Journal of Fish Biology</i> , 2017, 91, 1582-1602.	0.7	18
54	Recreational SCUBA diver interactions with the critically endangered Grey Nurse Shark <i>Carcharias taurus</i> . <i>Pacific Conservation Biology</i> , 2010, 16, 261.	0.5	17

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55	Population genetic analyses reveal female reproductive philopatry in the oviparous Port Jackson shark. <i>Marine and Freshwater Research</i> , 2019, 70, 986.	0.7	17
56	The role of visual and chemical cues in host detection by the symbiotic shrimp <i>Gnathophyloides mineri</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 414-415, 38-43.	0.7	16
57	Biology of angel sharks ( <i>Squatina</i> sp.) and sawsharks ( <i>Pristiophorus</i> sp.) caught in south-eastern Australian trawl fisheries and the New South Wales shark-meshing (bather-protection) program. <i>Marine and Freshwater Research</i> , 2017, 68, 207.	0.7	16
58	Resource partitioning in gurnard species using trophic analyses: The importance of temporal resolution. <i>Fisheries Research</i> , 2017, 186, 301-310.	0.9	16
59	Meta-Transcriptomic Identification of Divergent Amnoonviridae in Fish. <i>Viruses</i> , 2020, 12, 1254.	1.5	16
60	Stress profile influences learning approach in a marine fish. <i>PeerJ</i> , 2017, 5, e3445.	0.9	14
61	Ecological impacts and management implications of reef walking on a tropical reef flat community. <i>Marine Pollution Bulletin</i> , 2017, 114, 742-750.	2.3	12
62	Localized zinc distribution in shark vertebrae suggests differential deposition during ontogeny and across vertebral structures. <i>PLoS ONE</i> , 2018, 13, e0190927.	1.1	12
63	Barcoding and multi-locus phylogeography of the globally distributed calcareous tubeworm genus <i>Hydroides</i> Gunnerus, 1768 (Annelida, Polychaeta, Serpulidae). <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 732-745.	1.2	12
64	Divergence of the growth characteristics and longevity of coexisting <i>Platycephalidae</i> (Pisces). <i>Marine and Freshwater Research</i> , 2011, 62, 1308.	0.7	12
65	Facilitation cascade maintains a kelp community. <i>Marine Ecology - Progress Series</i> , 2014, 501, 1-10.	0.9	12
66	Morphometry and microanatomy of the barbels of the common sawshark <i>Pristiophorus cirratus</i> (Pristiophoridae): implications for pristiophorid behaviour. <i>Journal of Fish Biology</i> , 2017, 90, 1906-1925.	0.7	11
67	Drone-Based Tracking of the Fine-Scale Movement of a Coastal Stingray ( <i>Bathytoshia brevicaudata</i> ). <i>Remote Sensing</i> , 2021, 13, 40.	1.8	11
68	The role of herbivory and fouling on the invasive green alga <i>Caulerpa filiformis</i> in temperate Australian waters. <i>Marine and Freshwater Research</i> , 2008, 59, 279.	0.7	10
69	Fitness benefits of size-dependent diet switching in a marine herbivore. <i>Marine Biology</i> , 2012, 159, 1001-1010.	0.7	10
70	Diets and Resource Partitioning among Three Sympatric Gurnards in Northeastern Tasmanian Waters, Australia. <i>Marine and Coastal Fisheries</i> , 2017, 9, 305-319.	0.6	10
71	Spatiotemporal distributions of two sympatric sawsharks ( <i>Pristiophorus cirratus</i> and <i>P. nudipinnis</i> ) in south-eastern Australian waters. <i>Marine and Freshwater Research</i> , 2020, 71, 1342.	0.7	10
72	Superglue is Not Super: An Assessment of Superglue for Suturing Tag Incisions in a Cultured Marine Fish. <i>Journal of the World Aquaculture Society</i> , 2012, 43, 140-143.	1.2	9

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73	Ocean Futures for the World's Largest Yellowfin Tuna Population Under the Combined Effects of Ocean Warming and Acidification. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	9
74	Within-genus differences in catchability of elasmobranchs during trawling. <i>Fisheries Research</i> , 2019, 211, 141-147.	0.9	8
75	Seasonal and developmental diet shifts in sympatric and allopatric intertidal gobies determined by stomach content and stable isotope analysis. <i>Journal of Fish Biology</i> , 2020, 97, 1051-1062.	0.7	8
76	Struggling with age: Common sawsharks ( <i>Pristiophorus cirratus</i> ) defy age determination using a range of traditional methods. <i>Fisheries Research</i> , 2020, 231, 105706.	0.9	8
77	Biodiversity of intertidal marine flatworms (Polycladida, Platyhelminthes) in southeastern Australia. <i>Zootaxa</i> , 2021, 5024, 1-63.	0.2	8
78	Source, fate and management of recreational fishing marine debris. <i>Marine Pollution Bulletin</i> , 2022, 178, 113500.	2.3	8
79	Biometric relationships between body and otolith measurements in nine demersal fishes from north-eastern Tasmanian waters, Australia. <i>Journal of Applied Ichthyology</i> , 2018, 34, 801-805.	0.3	7
80	The Sawshark Redemption: Current knowledge and future directions for sawsharks (Pristiophoridae). <i>Fish and Fisheries</i> , 2020, 21, 1213-1237.	2.7	7
81	Trophic niche of Australian cownose rays ( <i>Rhinoptera neglecta</i> ) and whitespotted eagle rays ( <i>Aetobatus ocellatus</i> ) along the east coast of Australia. <i>Journal of Fish Biology</i> , 2022, 100, 970-978.	0.7	7
82	Small invertebrates inhabiting the crustose alga <i>Pseudolithoderma</i> sp. (Ralfsiaceae) in northern New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1996, 30, 221-232.	0.8	6
83	Social attitudes towards marine resource management in two Fijian villages. <i>Ecological Management and Restoration</i> , 2006, 7, 144-148.	0.7	6
84	Microsatellite DNA markers for analysis of population structure in the sea urchin <i>Centrostephanus rodgersii</i> . <i>Molecular Ecology Notes</i> , 2007, 7, 321-323.	1.7	6
85	Aspects of the reproductive biology of dusky, spinner and sandbar sharks (Family Carcharhinidae) from the Tasman Sea. <i>Marine and Freshwater Research</i> , 2016, 67, 513.	0.7	6
86	Influence of body size on tube feet morphology and attachment capacity in the sea urchin <i>Holopneustes purpurascens</i> (Temnopleuridae). <i>Marine Biology</i> , 2017, 164, 1.	0.7	6
87	Genetic and historical evidence of common sawsharks <i>Pristiophorus cirratus</i> in the waters of southern Queensland. <i>Journal of Fish Biology</i> , 2019, 95, 1342-1345.	0.7	6
88	Predicting Geographic Ranges of Marine Animal Populations Using Stable Isotopes: A Case Study of Great Hammerhead Sharks in Eastern Australia. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	6
89	Genetic differentiation in the threatened soft coral <i>Dendronephthya australis</i> in temperate eastern Australia. <i>Austral Ecology</i> , 2022, 47, 804-817.	0.7	6
90	Colonisation and persistence of patches of the crustose brown alga <i>Pseudolithoderma</i> sp.. <i>Journal of Experimental Marine Biology and Ecology</i> , 1996, 203, 191-208.	0.7	4

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91	The critical oxygen threshold of Yellowtail Kingfish ( <i>Seriola lalandi</i> ). <i>Aquaculture</i> , 2020, 516, 734519.	1.7	4
92	Hook-shaped enterolith and secondary cachexia in a free-living grey nurse shark ( <i>Carcharias taurus</i> ). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 507 Td (&amp;lt;</i>	0.6	4
93	Natural Products in Polyclad Flatworms. <i>Marine Drugs</i> , 2021, 19, 47.	2.2	4
94	Using cone beamCTscans to reveal headfirst ingestion and possible prey manipulation tactics in sawsharks. <i>Journal of Fish Biology</i> , 2021, 99, 271-274.	0.7	4
95	Novel use of pop-up satellite archival telemetry in sawsharks: insights into the movement of the common sawshark <i>Pristiophorus cirratus</i> (Pristiophoridae). <i>Animal Biotelemetry</i> , 2020, 8, .	0.8	3
96	Effect of freshwater discharge from Namgang Dam on ichthyoplankton assemblage structure in Jinju Bay, Korea. <i>Aquatic Living Resources</i> , 2021, 34, 18.	0.5	3
97	Can the Dynamic Colouration and Patterning of Bluelined Goatfish (Mullidae); <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (&amp;lt;</i> Behavior and Evolution, 2021, 96, 103-123.	0.9	3
98	Contrasting patterns of population structure in commercially fished sawsharks from southern Australian waters. <i>Reviews in Fish Biology and Fisheries</i> , 2021, 31, 359-379.	2.4	2
99	Assigning shark fin origin using species distribution models needs a reality check. <i>Biology Letters</i> , 2021, 17, 20200907.	1.0	2
100	Juvenile fish assemblages in the Jinju Bay region, Korea. <i>Fisheries and Aquatic Sciences</i> , 2020, 23, .	0.3	2
101	Positive Indirect Interactions in Marine Herbivores and Algae. , 0, , .		1
102	The complete mitochondrial genome of the Epaulette Shark, <i>Hemiscyllium ocellatum</i> (Bonnaterre). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 507 Td (&amp;lt;</i>	0.2	1
103	Characterization of 12 polymorphic microsatellite loci in the Port Jackson Shark, <i>Heterodontus portusjacksoni</i> (Meyer, 1793). <i>Marine Biodiversity</i> , 2019, 49, 505-508.	0.3	1
104	Phylogeny and form in fishes: Genetic and morphometric characteristics of dragonets ( <i>Foetorepus</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 507 Td (&amp;lt;</i>	0.6	1
105	Reproductive characteristics of <i>Ratabulus diversidens</i> and <i>Ambiserrula jugosa</i> (Pisces): <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (&amp;lt;</i> Biological Association of the United Kingdom, 2021, 101, 725-734.	0.4	1
106	Genetic structure of mourning cuttlefish ( <i>Sepia plangon</i> Gray, 1849) in Sydney Harbour, Australia. <i>Journal of Molluscan Studies</i> , 2015, , eyv051.	0.4	0
107	Patterns of mother-embryo isotope fractionation in batoids vary within and between species. <i>Journal of Fish Biology</i> , 2022, , .	0.7	0
108	Spawning and maturity traits of coexisting <i>Platycephalidae</i> ( <i>Platycephalus caeruleopunctatus</i> ), <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 507 Td (&amp;lt;</i> Journal of Fish Biology, 2022, 101, 491-504.	0.7	0