

Jennifer M Donelson

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

4,615
citations

201674

27
h-index

168389

53
g-index

56
all docs

56
docs citations

56
times ranked

4957
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasticity to ocean warming is influenced by transgenerational, reproductive, and developmental exposure in a coral reef fish. <i>Evolutionary Applications</i> , 2022, 15, 249-261.	3.1	16
2	Molecular Response of the Brain to Cross-Generational Warming in a Coral Reef Fish. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	6
3	Effects of elevated temperature on the performance and survival of pacific crown-of-thorns starfish (<i>Acanthaster cf. solaris</i>). <i>Marine Biology</i> , 2022, 169, 1.	1.5	5
4	Editorial: Adaptation and Phenotypic Plasticity to Climate Change. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	0
5	Parents exposed to warming produce offspring lower in weight and condition. <i>Ecology and Evolution</i> , 2022, 12, .	1.9	6
6	Thermal sensitivity of juvenile rabbitfishes <i>Siganus doliatus</i> and <i>S. lineatus</i> (Siganidae): a key role for habitat?. <i>Coral Reefs</i> , 2021, 40, 1307-1320.	2.2	1
7	Sex- and time-specific parental effects of warming on reproduction and offspring quality in a coral reef fish. <i>Evolutionary Applications</i> , 2021, 14, 1145-1158.	3.1	15
8	Metabolic Responses of Pacific Crown-of-Thorns Sea Stars (<i>Acanthaster</i> sp.) to Acute Warming. <i>Biological Bulletin</i> , 2021, 241, 347-358.	1.8	9
9	Elevated CO ₂ and heatwave conditions affect the aerobic and swimming performance of juvenile Australasian snapper. <i>Marine Biology</i> , 2020, 167, 1.	1.5	19
10	Predator-prey interactions and metabolic rates are altered in stable and unstable groups in a social fish. <i>Oikos</i> , 2020, 129, 842-852.	2.7	3
11	Elevated temperature and CO ₂ have positive effects on the growth and survival of larval Australasian snapper. <i>Marine Environmental Research</i> , 2020, 161, 105054.	2.5	9
12	An Epigenetic Signature for Within-Generational Plasticity of a Reef Fish to Ocean Warming. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	31
13	The effects of water temperature on the juvenile performance of two tropical damselfishes expatriating to temperate reefs. <i>Scientific Reports</i> , 2019, 9, 13937.	3.3	25
14	Developmental effects of heatwave conditions on the early life stages of a coral reef fish. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	16
15	Beyond buying time: the role of plasticity in phenotypic adaptation to rapid environmental change. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180174.	4.0	371
16	Understanding interactions between plasticity, adaptation and range shifts in response to marine environmental change. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180186.	4.0	145
17	Elevated CO ₂ and food ration affect growth but not the size-based hierarchy of a reef fish. <i>Scientific Reports</i> , 2019, 9, 19706.	3.3	6
18	Reproductive gene expression in a coral reef fish exposed to increasing temperature across generations. , 2018, 6, cox077.		19

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19	Temperature influences habitat preference of coral reef fishes: Will generalists become more specialised in a warming ocean?. <i>Global Change Biology</i> , 2018, 24, 3158-3169.	9.5	17
20	“Stick with your own kind, or hang with the locals?” Implications of shoaling strategy for tropical reef fish on a range expansion frontline. <i>Global Change Biology</i> , 2018, 24, 1663-1672.	9.5	32
21	The epigenetic landscape of transgenerational acclimation to ocean warming. <i>Nature Climate Change</i> , 2018, 8, 504-509.	18.8	124
22	In hot water: sustained ocean warming reduces survival of a low-latitude coral reef fish. <i>Marine Biology</i> , 2018, 165, 1.	1.5	42
23	Managing consequences of climate-driven species redistribution requires integration of ecology, conservation and social science. <i>Biological Reviews</i> , 2018, 93, 284-305.	10.4	154
24	Transgenerational plasticity and climate change experiments: Where do we go from here?. <i>Global Change Biology</i> , 2018, 24, 13-34.	9.5	320
25	Molecular Response to Extreme Summer Temperatures Differs Between Two Genetically Differentiated Populations of a Coral Reef Fish. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	29
26	Phenotypic and molecular consequences of stepwise temperature increase across generations in a coral reef fish. <i>Molecular Ecology</i> , 2018, 27, 4516-4528.	3.9	37
27	Food ration does not influence the effect of elevated CO2 on antipredator behaviour of a reef fish. <i>Marine Ecology - Progress Series</i> , 2018, 586, 155-165.	1.9	20
28	Limited capacity for developmental thermal acclimation in three tropical wrasses. <i>Coral Reefs</i> , 2017, 36, 609-621.	2.2	4
29	Effects of climate change on coral grouper (<i>Plectropomus</i> spp.) and possible adaptation options. <i>Reviews in Fish Biology and Fisheries</i> , 2017, 27, 297-316.	4.9	28
30	Rapid adaptive responses to climate change in corals. <i>Nature Climate Change</i> , 2017, 7, 627-636.	18.8	327
31	Potential for adaptation to climate change in a coral reef fish. <i>Global Change Biology</i> , 2017, 23, 307-317.	9.5	87
32	Thermosensitive period of sex determination in the coral-reef damselfish <i>Acanthochromis polyacanthus</i> and the implications of projected ocean warming. <i>Coral Reefs</i> , 2017, 36, 131-138.	2.2	4
33	Extended exposure to elevated temperature affects escape response behaviour in coral reef fishes. <i>PeerJ</i> , 2017, 5, e3652.	2.0	14
34	Duration of Exposure to Elevated Temperature Affects Competitive Interactions in Juvenile Reef Fishes. <i>PLoS ONE</i> , 2016, 11, e0164505.	2.5	13
35	Predicting range-shift success potential for tropical marine fishes using external morphology. <i>Biology Letters</i> , 2016, 12, 20160505.	2.3	19
36	Transgenerational plasticity of reproduction depends on rate of warming across generations. <i>Evolutionary Applications</i> , 2016, 9, 1072-1081.	3.1	80

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37	Development in a warm future ocean may enhance performance in some species. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 472, 119-125.	1.5	15
38	Molecular processes of transgenerational acclimation to a warming ocean. <i>Nature Climate Change</i> , 2015, 5, 1074-1078.	18.8	128
39	Transgenerational plasticity mitigates the impact of global warming to offspring sex ratios. <i>Global Change Biology</i> , 2015, 21, 2954-2962.	9.5	50
40	Reproductive Acclimation to Increased Water Temperature in a Tropical Reef Fish. <i>PLoS ONE</i> , 2014, 9, e97223.	2.5	70
41	Rabbitfish sentinels: first report of coordinated vigilance in conspecific marine fishes. <i>Coral Reefs</i> , 2014, 33, 253-253.	2.2	10
42	Elevated CO2 affects the behavior of an ecologically and economically important coral reef fish. <i>Marine Biology</i> , 2013, 160, 2137-2144.	1.5	94
43	Evidence for developmental thermal acclimation in the damselfish, <i>Pomacentrus moluccensis</i> . <i>Coral Reefs</i> , 2013, 32, 85-90.	2.2	30
44	Rapid transgenerational acclimation of a tropical reef fish to climate change. <i>Nature Climate Change</i> , 2012, 2, 30-32.	18.8	368
45	Climate change may affect fish through an interaction of parental and juvenile environments. <i>Coral Reefs</i> , 2012, 31, 753-762.	2.2	17
46	Parental environment mediates impacts of increased carbon dioxide on a coral reef fish. <i>Nature Climate Change</i> , 2012, 2, 858-861.	18.8	245
47	Thermal sensitivity does not determine acclimation capacity for a tropical reef fish. <i>Journal of Animal Ecology</i> , 2012, 81, 1126-1131.	2.8	65
48	Ocean acidification does not affect the early life history development of a tropical marine fish. <i>Marine Ecology - Progress Series</i> , 2011, 423, 211-221.	1.9	119
49	Acclimation to predicted ocean warming through developmental plasticity in a tropical reef fish. <i>Global Change Biology</i> , 2011, 17, 1712-1719.	9.5	156
50	Effects of elevated water temperature and food availability on the reproductive performance of a coral reef fish. <i>Marine Ecology - Progress Series</i> , 2010, 401, 233-243.	1.9	190
51	Effects of ocean acidification on the early life history of a tropical marine fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3275-3283.	2.6	157
52	Parental effects on offspring life histories: when are they important?. <i>Biology Letters</i> , 2009, 5, 262-265.	2.3	68
53	Ocean acidification impairs olfactory discrimination and homing ability of a marine fish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1848-1852.	7.1	587
54	Elevated temperature restricts growth potential of the coral reef fish <i>Acanthochromis polyacanthus</i> . <i>Coral Reefs</i> , 2008, 27, 927-931.	2.2	115

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55	Parental condition affects early life-history of a coral reef fish. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 360, 109-116.	1.5	69