

Vanessa Messmer

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,353
citations

394421

19
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361022

35
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all docs

37
docs citations

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times ranked

1688
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in Biodiversity and Functioning of Reef Fish Assemblages following Coral Bleaching and Coral Loss. <i>Diversity</i> , 2011, 3, 424-452.	1.7	213
2	Thirty Years of Research on Crown-of-Thorns Starfish (1986–2016): Scientific Advances and Emerging Opportunities. <i>Diversity</i> , 2017, 9, 41.	1.7	126
3	Habitat biodiversity as a determinant of fish community structure on coral reefs. <i>Ecology</i> , 2011, 92, 2285-2298.	3.2	124
4	Recent Advances in Understanding the Effects of Climate Change on Coral Reefs. <i>Diversity</i> , 2016, 8, 12.	1.7	98
5	Increasing ocean temperatures reduce activity patterns of a large commercially important coral reef fish. <i>Global Change Biology</i> , 2014, 20, 1067-1074.	9.5	82
6	Global warming may disproportionately affect larger adults in a predatory coral reef fish. <i>Global Change Biology</i> , 2017, 23, 2230-2240.	9.5	76
7	Known Predators of Crown-of-Thorns Starfish (<i>Acanthaster</i> spp.) and Their Role in Mitigating, If Not Preventing, Population Outbreaks. <i>Diversity</i> , 2017, 9, 7.	1.7	58
8	Phylogeography of colour polymorphism in the coral reef fish <i>Pseudochromis fuscus</i> , from Papua New Guinea and the Great Barrier Reef. <i>Coral Reefs</i> , 2005, 24, 392-402.	2.2	53
9	Refuge-Seeking Impairments Mirror Metabolic Recovery Following Fisheries-Related Stressors in the Spanish Flag Snapper (<i>Lutjanus carponotatus</i>) on the Great Barrier Reef. <i>Physiological and Biochemical Zoology</i> , 2014, 87, 136-147.	1.5	41
10	Reef Fishes in Biodiversity Hotspots Are at Greatest Risk from Loss of Coral Species. <i>PLoS ONE</i> , 2015, 10, e0124054.	2.5	40
11	Genetic consequences of introducing allopatric lineages of Bluestriped Snapper (<i>Lutjanus kasmira</i>) to Hawaii. <i>Molecular Ecology</i> , 2010, 19, 1107-1121.	3.9	37
12	A framework for understanding climate change impacts on coral reef social-ecological systems. <i>Regional Environmental Change</i> , 2016, 16, 1133-1146.	2.9	35
13	High gene flow across large geographic scales reduces extinction risk for a highly specialised coral feeding butterflyfish. <i>Molecular Ecology</i> , 2011, 20, no-no.	3.9	30
14	CONCORDANCE BETWEEN GENETIC AND SPECIES DIVERSITY IN CORAL REEF FISHES ACROSS THE PACIFIC OCEAN BIODIVERSITY GRADIENT. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3902-3917.	2.3	29
15	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
16	Contributions of pre- versus post-settlement processes to fluctuating abundance of crown-of-thorns starfishes (<i>Acanthaster</i> spp.). <i>Marine Pollution Bulletin</i> , 2018, 135, 332-345.	5.0	25
17	Rising temperatures may drive fishing-induced selection of low-performance phenotypes. <i>Scientific Reports</i> , 2017, 7, 40571.	3.3	25
18	Microsatellites Reveal Genetic Homogeneity among Outbreak Populations of Crown-of-Thorns Starfish (<i>Acanthaster</i> cf. <i>solaris</i>) on Australia's Great Barrier Reef. <i>Diversity</i> , 2017, 9, 16.	1.7	23

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19	Swim for it: Effects of simulated fisheries capture on the post-release behaviour of four Great Barrier Reef fishes. <i>Fisheries Research</i> , 2018, 206, 129-137.	1.7	19
20	Incidence and severity of injuries among juvenile crown-of-thorns starfish on Australia's Great Barrier Reef. <i>Coral Reefs</i> , 2019, 38, 1187-1195.	2.2	19
21	Habitat associations of settlement-stage crown-of-thorns starfish on Australia's Great Barrier Reef. <i>Coral Reefs</i> , 2020, 39, 1163-1174.	2.2	19
22	Genetic and Ecological Characterisation of Colour Dimorphism in a Coral Reef Fish. <i>Environmental Biology of Fishes</i> , 2005, 74, 175-183.	1.0	17
23	Variation in Incidence and Severity of Injuries among Crown-of-Thorns Starfish (<i>Acanthaster cf.</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10	1.7	17
24	Spawning time of <i>Acanthaster cf. solaris</i> on the Great Barrier Reef inferred using qPCR quantification of embryos and larvae: do they know it's Christmas?. <i>Marine Biology</i> , 2019, 166, 1.	1.5	17
25	Temporal variability in gametogenesis and spawning patterns of crown-of-thorns starfish within the outbreak initiation zone in the northern Great Barrier Reef. <i>Marine Biology</i> , 2021, 168, 1.	1.5	15
26	Body size and substrate type modulate movement by the western Pacific crown-of-thorns starfish, <i>Acanthaster solaris</i> . <i>PLoS ONE</i> , 2017, 12, e0180805.	2.5	15
27	Age and Growth of An Outbreaking <i>Acanthaster cf. solaris</i> Population within the Great Barrier Reef. <i>Diversity</i> , 2017, 9, 18.	1.7	14
28	Capacity for regeneration in crown of thorns starfish, <i>Acanthaster planci</i> . <i>Coral Reefs</i> , 2013, 32, 461-461.	2.2	11
29	Is predation of juvenile crown-of-thorns seastars (<i>Acanthaster cf. solaris</i>) by peppermint shrimp (<i>Lysmata vittata</i>) dependent on age, size, or diet?. <i>Coral Reefs</i> , 2021, 40, 641-649.	2.2	11
30	Reproductive investment and fecundity of Pacific crown-of-thorns starfish (<i>Acanthaster cf. solaris</i>) on the Great Barrier Reef. <i>Marine Biology</i> , 2021, 168, 1.	1.5	10
31	DNA-Based Detection and Patterns of Larval Settlement of the Corallivorous Crown-of-Thorns Sea Star (<i>Acanthaster</i> sp.). <i>Biological Bulletin</i> , 2021, 241, 271-285.	1.8	9
32	Experimental evaluation of diversity-productivity relationships in a coral reef fish assemblage. <i>Oecologia</i> , 2014, 176, 237-249.	2.0	6
33	Bleaching susceptibility of aquarium corals collected across northern Australia. <i>Coral Reefs</i> , 2020, 39, 663-673.	2.2	6
34	Limited genetic signal from potential cloning and selfing within wild populations of coral-eating crown-of-thorns seastars (<i>Acanthaster cf. solaris</i>). <i>Coral Reefs</i> , 2021, 40, 131-138.	2.2	2
35	Prevalence and severity of sublethal injuries in crown-of-thorns starfish relative to marine reserves in the Great Barrier Reef. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 0, , .	2.0	2
36	Microsatellite multiplex assay for the coral-eating crown-of-thorns starfish, <i>Acanthaster cf. planci</i> . <i>Conservation Genetics Resources</i> , 2015, 7, 627-630.	0.8	1

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37	Territoriality and condition of chevron butterflyfish (<i>Chaetodon trifascialis</i>) with varying coral cover on the great barrier reef, Australia. <i>Environmental Biology of Fishes</i> , 2021, 104, 53-69.	1.0	0