Margaret Miller

List of Publications by Year
in descending order

68 papers	3,607 citations	168829 31 h-index	169272 56 g-index
72 all docs	72 docs citations	72 times ranked	2930 citing authors

#	Article	IF	Citations
1	Site mediates performance in a coralâ€seeding trial. Restoration Ecology, 2023, 31, .	1.4	3
2	Settlement yields in largeâ€scale in situ culture of Caribbean coral larvae for restoration. Restoration Ecology, 2022, 30, e13512.	1.4	12
3	Neighboring colonies influence uptake of thermotolerant endosymbionts in threatened Caribbean coral recruits. Coral Reefs, 2021, 40, 867-879.	0.9	12
4	Caribbean reefs of the Anthropocene: Variance in ecosystem metrics indicates bright spots on coral depauperate reefs. Global Change Biology, 2020, 26, 4785-4799.	4.2	25
5	Molecular tools for coral reef restoration: Beyond biomarker discovery. Conservation Letters, 2020, 13, e12687.	2.8	44
6	Innate immune gene expression in Acropora palmata is consistent despite variance in yearly disease events. PLoS ONE, 2020, 15, e0228514.	1.1	12
7	Physiological and reproductive repercussions of consecutive summer bleaching events of the threatened Caribbean coral Orbicella faveolata. Coral Reefs, 2019, 38, 863-876.	0.9	54
8	Considerations for maximizing the adaptive potential of restored coral populations in the western Atlantic. Ecological Applications, 2019, 29, e01978.	1.8	163
9	Sediment associated with algal turfs inhibits the settlement of two endangered coral species. Marine Pollution Bulletin, 2019, 144, 189-195.	2.3	44
10	Microbiome differences in disease-resistant vs. susceptible Acropora corals subjected to disease challenge assays. Scientific Reports, 2019, 9, 18279.	1.6	54
11	Genotypic variation in disease susceptibility among cultured stocks of elkhorn and staghorn corals. PeerJ, 2019, 7, e6751.	0.9	33
12	Harnessing ecological processes to facilitate coral restoration. Frontiers in Ecology and the Environment, 2018, 16, 239-247.	1.9	84
13	Effects of thermal stress and nitrate enrichment on the larval performance of two Caribbean reef corals. Coral Reefs, 2018, 37, 173-182.	0.9	24
14	Clonal structure and variable fertilization success in Florida Keys broadcast-spawning corals. Coral Reefs, 2018, 37, 239-249.	0.9	27
15	Facilitation in Caribbean coral reefs: high densities of staghorn coral foster greater coral condition and reef fish composition. Oecologia, 2017, 184, 247-257.	0.9	26
16	Thermal stress exposure, bleaching response, and mortality in the threatened coral Acropora palmata. Marine Pollution Bulletin, 2017, 124, 189-197.	2.3	21
17	Tracking growth and survival of rescued boulder corals. Restoration Ecology, 2016, 24, 456-462.	1.4	1
18	How old are you? Genet age estimates in a clonal animal. Molecular Ecology, 2016, 25, 5628-5646.	2.0	43

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19	Coral recruitment dynamics and substrate mobility in a rubble-dominated back reef habitat. Bulletin of Marine Science, 2016, 92, 123-136.	0.4	21
20	Genet-specific spawning patterns in Acropora palmata. Coral Reefs, 2016, 35, 1393-1398.	0.9	15
21	Decadal comparison of a diminishing coral community: a study using demographics to advance inferences of community status. PeerJ, 2016, 4, e1643.	0.9	11
22	Reef-scale trends in FloridaAcroporaspp. abundance and the effects of population enhancement. PeerJ, 2016, 4, e2523.	0.9	16
23	Detecting sedimentation impacts to coral reefs resulting from dredging the Port of Miami, Florida USA. PeerJ, 2016, 4, e2711.	0.9	77
24	Coral Disturbance and Recovery in a Changing World. , 2015, , 217-230.		4
25	Enhanced susceptibility to predation in corals of compromised condition. PeerJ, 2015, 3, e1239.	0.9	13
26	Locationâ€Specific Metrics for Rapidly Estimating the Abundance and Condition of the Threatened Coral Acropora cervicornis. Restoration Ecology, 2014, 22, 299-303.	1.4	12
27	Endangered Species Act listing: three case studies of data deficiencies and consequences of ESA â€˜threatenedâ€™ listing on research output. Current Opinion in Environmental Sustainability, 2014, 7, 15-21.	3.1	5
28	Cryptic changes in the genetic structure of a highly clonal coral population and the relationship with ecological performance. Coral Reefs, 2014, 33, 595-606.	0.9	22
29	Negative indirect effects of neighbors on imperiled scleractinian corals. Coral Reefs, 2014, 33, 1047-1056.	0.9	21
30	Post-settlement survivorship in two Caribbean broadcasting corals. Coral Reefs, 2014, 33, 1041-1046.	0.9	22
31	Disease dynamics and potential mitigation among restored and wild staghorn coral,Acropora cervicornis. PeerJ, 2014, 2, e541.	0.9	62
32	Removal of corallivorous snails as a proactive tool for the conservation of acroporid corals. PeerJ, 2014, 2, e680.	0.9	20
33	Safety in Numbers? Abundance May Not Safeguard Corals from Increasing Carbon Dioxide. BioScience, 2013, 63, 967-974.	2.2	16
34	Recovery of <I>Acropora Palmata</I> in CuraÃ§ao: a Comparison with the Florida Keys. Bulletin of Marine Science, 2013, 89, 747-757.	0.4	4
35	Attributing mortality among drivers of population decline in Acropora palmata in the Florida Keys (USA). Coral Reefs, 2012, 31, 369-382.	0.9	70
36	Assessment of Host-Associated Genetic Differentiation among Phenotypically Divergent Populations of a Coral-Eating Gastropod across the Caribbean. PLoS ONE, 2012, 7, e47630.	1.1	14

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37	Inferring trends in a small-scale, data-limited tropical fishery based on fishery-independent data. Fisheries Research, 2011, 111, 40-52.	0.9	10
38	Host population genetic structure and zooxanthellae diversity of two reef-building coral species along the Florida Reef Tract and wider Caribbean. Coral Reefs, 2010, 29, 835-842.	0.9	93
39	Stabilization of Fragments to Enhance Asexual Recruitment in Acropora Palmata, a Threatened Caribbean Coral. Restoration Ecology, 2010, 18, 446-451.	1.4	22
40	Ocean acidification compromises recruitment success of the threatened Caribbean coral Acropora palmata. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20400-20404.	3.3	234
41	Recent Region-wide Declines in Caribbean Reef Fish Abundance. Current Biology, 2009, 19, 590-595.	1.8	238
42	Assessment of current rates of Diadema antillarum larval settlement. Coral Reefs, 2009, 28, 511-515.	0.9	33
43	Nuclear sequences reveal midâ€range isolation of an imperilled deepâ€water coral population. Molecular Ecology, 2009, 18, 2375-2389.	2.0	56
44	Alternate benthic assemblages on reef restoration structures and cascading effects on coral settlement. Marine Ecology - Progress Series, 2009, 387, 147-156.	0.9	32
45	Recruitment failure in Florida Keys Acropora palmata, a threatened Caribbean coral. Coral Reefs, 2008, 27, 697-705.	0.9	90
46	Apparent rapid fisheries escalation at a remote Caribbean island. Environmental Conservation, 2007, 34, 92-94.	0.7	9
47	Documenting hurricane impacts on coral reefs using two-dimensional video-mosaic technology. Marine Ecology, 2007, 28, 254-258.	0.4	37
48	Variation in life-history traits of the corallivorous gastropod Coralliophila abbreviata on three coral hosts. Marine Biology, 2007, 150, 1215-1225.	0.7	21
49	Coral disease outbreak at Navassa, a remote Caribbean island. Coral Reefs, 2007, 26, 97-101.	0.9	43
50	Visual discernment of sexual recruits is not feasible for Acropora palmata. Marine Ecology - Progress Series, 2007, 335, 227-231.	0.9	9
51	GEOGRAPHIC VARIATION IN CLONAL STRUCTURE IN A REEF-BUILDING CARIBBEAN CORAL,ACROPORA PALMATA. Ecological Monographs, 2006, 76, 503-519.	2.4	179
52	Pelagic conditions affect larval behavior, survival, and settlement patterns in the Caribbean coral Montastraea faveolata. Marine Ecology - Progress Series, 2006, 310, 119-128.	0.9	92
53	Regionally isolated populations of an imperiled Caribbean coral, Acropora palmata. Molecular Ecology, 2005, 14, 1377-1390.	2.0	263
54	Coral disease outbreak: pattern, prevalence and transmission in Acropora cervicornis. Marine Ecology - Progress Series, 2005, 301, 119-128.	0.9	164

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55	Ecology of a corallivorous gastropod, Coralliophila abbreviata, on two scleractinian hosts. I: Population structure of snails and corals. Marine Biology, 2003, 142, 1083-1091.	0.7	52
56	Ecology of a corallivorous gastropod, Coralliophila abbreviata, on two scleractinian hosts. II. Feeding, respiration and growth. Marine Biology, 2003, 142, 1093-1101.	0.7	37
57	Modeling and Monitoring Tools to Assess Recovery Status and Convergence Rates between Restored and Undisturbed Coral Reef Habitats. Restoration Ecology, 2003, 11, 448-456.	1.4	36
58	Using ecological processes to advance artificial reef goals. ICES Journal of Marine Science, 2002, 59, S27-S31.	1.2	48
59	Reefs of an uninhabited Caribbean island: fishes, benthic habitat, and opportunities to discern reef fishery impact. Biological Conservation, 2002, 106, 37-44.	1.9	27
60	Corallivorous snail removal: evaluation of impact on Acropora palmata. , 2001, 19, 293-295.		39
61	Coral recruitment and juvenile mortality as structuring factors for reef benthic communities in Biscayne National Park, USA. Coral Reefs, 2000, 19, 115-123.	0.9	109
62	Effects of nutrients versus herbivores on reef algae: A new method for manipulating nutrients on coral reefs. Limnology and Oceanography, 1999, 44, 1847-1861.	1.6	127
63	Coral-seagrass interaction in an anthropogenically enriched lagoon. Coral Reefs, 1999, 18, 368-368.	0.9	5
64	Patterns of Seagrass and Sediment Nutrient Distribution Suggest Anthropogenic Enrichment in Laamu Atoll, Republic of Maldives. Marine Pollution Bulletin, 1999, 38, 1152-1156.	2.3	17
65	Effects of fish predation and seaweed competition on the survival and growth of corals. Oecologia, 1998, 113, 231-238.	0.9	105
66	Hybridization within the species complex of the scleractinan coral Montastraea annularis. Marine Biology, 1997, 129, 561-572.	0.7	111
67	Coralâ€Seaweedâ€Grazerâ€Nutrient Interactions on Temperate Reefs. Ecological Monographs, 1996, 66, 323-344.	2.4	106
68	Larval longevity and competency patterns of Caribbean reef-building corals. PeerJ, 0, 8, e9705.	0.9	5