Karl D Castillo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11912227/publications.pdf

Version: 2024-02-01

21	920	516710 16	713466 21
papers	citations	h-index	g-index

26	26	26	1101
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exposure duration modulates the response of Caribbean corals to global change stressors. Limnology and Oceanography, 2021, 66, 3100-3115.	3.1	9
2	High resolution spatiotemporal patterns of seawater temperatures across the Belize Mesoamerican Barrier Reef. Scientific Data, 2020, 7, 396.	5.3	4
3	Eukaryotic plankton communities across reef environments in Bocas del Toro Archipelago, PanamÃ¡. Coral Reefs, 2020, 39, 1453-1467.	2.2	2
4	Patterns of environmental variability influence coralâ€associated bacterial and algal communities on the Mesoamerican Barrier Reef. Molecular Ecology, 2020, 29, 2334-2348.	3.9	6
5	Meta-Analysis Reveals Reduced Coral Calcification Under Projected Ocean Warming but Not Under Acidification Across the Caribbean Sea. Frontiers in Marine Science, 2020, 7, .	2.5	20
6	Nearshore coral growth declining on the Mesoamerican Barrier Reef System. Global Change Biology, 2019, 25, 3932-3945.	9.5	21
7	Common Caribbean corals exhibit highly variable responses to future acidification and warming. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182840.	2.6	26
8	Differential disease incidence and mortality of inner and outer reef corals of the upper Florida Keys in association with a white syndrome outbreak. Bulletin of Marine Science, 2019, 95, 305-316.	0.8	47
9	Symbiodinium Functional Diversity in the Coral Siderastrea siderea Is Influenced by Thermal Stress and Reef Environment, but Not Ocean Acidification. Frontiers in Marine Science, 2018, 5, .	2.5	71
10	Corals sustain growth but not skeletal density across the Florida Keys Reef Tract despite ongoing warming. Global Change Biology, 2018, 24, 5205-5217.	9.5	22
11	Population structure and connectivity of the mountainous star coral, Orbicella faveolata, throughout the wider Caribbean region. Ecology and Evolution, 2017, 7, 9234-9246.	1.9	49
12	Thermal and pCO2 Stress Elicit Divergent Transcriptomic Responses in a Resilient Coral. Frontiers in Marine Science, 2016, 3, .	2.5	109
13	Heterotrophy mitigates the response of the temperate coral Oculina arbuscula to temperature stress. Ecology and Evolution, 2016, 6, 6758-6769.	1.9	30
14	Next-century ocean acidification and warming both reduce calcification rate, but only acidification alters skeletal morphology of reef-building coral Siderastrea siderea. Scientific Reports, 2016, 6, 29613.	3.3	30
15	Intrareef variations in Li/Mg and Sr/Ca sea surface temperature proxies in the Caribbean reefâ€building coral Siderastrea siderea. Paleoceanography, 2016, 31, 1315-1329.	3.0	34
16	Impacts of seawater saturation state (Î©A= 0.4â€“4.6) and temperature (10, 25 Â°C) on the dissolution kinetics of whole-shell biogenic carbonates. Geochimica Et Cosmochimica Acta, 2016, 192, 318-337.	3.9	72
17	Temperature Regimes Impact Coral Assemblages along Environmental Gradients on Lagoonal Reefs in Belize. PLoS ONE, 2016, 11, e0162098.	2.5	31
18	The reef-building coral Siderastrea siderea exhibits parabolic responses to ocean acidification and warming. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20141856.	2.6	117

#	Article	IF	Citations
19	Decline of forereef corals in response to recent warming linked to history of thermal exposure. Nature Climate Change, 2012, 2, 756-760.	18.8	104
20	Declining Coral Skeletal Extension for Forereef Colonies of Siderastrea siderea on the Mesoamerican Barrier Reef System, Southern Belize. PLoS ONE, 2011, 6, e14615.	2.5	43
21	Comparison of in situ and satelliteâ€derived (MODISâ€Aqua/Terra) methods for assessing temperatures on coral reefs. Limnology and Oceanography: Methods, 2010, 8, 107-117.	2.0	66