Maren Ziegler

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8252588/publications.pdf

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53	3,726	218592	168321
papers	citations	26 h-index	53 g-index

63	63	63	3888
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Projecting coral responses to intensifying marine heatwaves under ocean acidification. Global Change Biology, 2022, 28, 1753-1765.	4.2	32
2	Reefâ€building corals act as longâ€term sink for microplastic. Global Change Biology, 2022, 28, 33-45.	4.2	27
3	Rebuild the Academy: Supporting academic mothers during COVID-19 and beyond. PLoS Biology, 2021, 19, e3001100.	2.6	67
4	Insights into the Cultured Bacterial Fraction of Corals. MSystems, 2021, 6, e0124920.	1.7	45
5	A comparative baseline of coral disease in three regions along the Saudi Arabian coast of the central Red Sea. PLoS ONE, 2021, 16, e0246854.	1.1	14
6	Consensus Guidelines for Advancing Coral Holobiont Genome and Specimen Voucher Deposition. Frontiers in Marine Science, 2021, 8, .	1.2	23
7	Integrating environmental variability to broaden the research on coral responses to future ocean conditions. Global Change Biology, 2021, 27, 5532-5546.	4.2	23
8	Interactive effects of microplastic pollution and heat stress on reef-building corals. Environmental Pollution, 2021, 290, 118010.	3.7	37
9	Effects of Ocean Acidification on Resident and Active Microbial Communities of Stylophora pistillata. Frontiers in Microbiology, 2021, 12, 707674.	1.5	7
10	A framework for in situ molecular characterization of coral holobionts using nanopore sequencing. Scientific Reports, 2020, 10, 15893.	1.6	9
11	Coral-Associated Viral Assemblages From the Central Red Sea Align With Host Species and Contribute to Holobiont Genetic Diversity. Frontiers in Microbiology, 2020, 11, 572534.	1.5	16
12	Genomic Blueprint of Glycine Betaine Metabolism in Coral Metaorganisms and Their Contribution to Reef Nitrogen Budgets. iScience, 2020, 23, 101120.	1.9	30
13	Optical Feedback Loop Involving Dinoflagellate Symbiont and Scleractinian Host Drives Colorful Coral Bleaching. Current Biology, 2020, 30, 2433-2445.e3.	1.8	39
14	Adapting with Microbial Help: Microbiome Flexibility Facilitates Rapid Responses to Environmental Change. BioEssays, 2020, 42, e2000004.	1.2	146
15	Robustness to extinction and plasticity derived from mutualistic bipartite ecological networks. Scientific Reports, 2020, 10, 9783.	1.6	16
16	Salinity-Conveyed Thermotolerance in the Coral Model Aiptasia Is Accompanied by Distinct Changes of the Bacterial Microbiome. Frontiers in Marine Science, 2020, 7, .	1.2	7
17	Coral bacterial community structure responds to environmental change in a host-specific manner. Nature Communications, 2019, 10, 3092.	5.8	224
18	Ecophysiology of Reef-Building Corals in the Red Sea. Coral Reefs of the World, 2019, , 33-52.	0.3	8

#	Article	IF	Citations
19	Symbiodiniaceae Diversity in Red Sea Coral Reefs & Coral Bleaching. Coral Reefs of the World, 2019, , 69-89.	0.3	6
20	SymPortal: A novel analytical framework and platform for coral algal symbiont nextâ€generation sequencing ITS2 profiling. Molecular Ecology Resources, 2019, 19, 1063-1080.	2.2	205
21	Human Anti-fungal Th17 Immunity and Pathology Rely on Cross-Reactivity against Candida albicans. Cell, 2019, 176, 1340-1355.e15.	13.5	321
22	High levels of floridoside at high salinity link osmoadaptation with bleaching susceptibility in the cnidarian-algal endosymbiosis. Biology Open, 2019, 8, .	0.6	21
23	Relative Diazotroph Abundance in Symbiotic Red Sea Corals Decreases With Water Depth. Frontiers in Marine Science, 2019, 6, .	1.2	10
24	Carbohydrate composition of mucus from scleractinian corals from the central Red Sea. Coral Reefs, 2019, 38, 21-27.	0.9	23
25	Physicochemical Dynamics, Microbial Community Patterns, and Reef Growth in Coral Reefs of the Central Red Sea. Springer Oceanography, 2019, , 401-418.	0.2	1
26	Metaorganisms in extreme environments: do microbes play a role in organismal adaptation?. Zoology, 2018, 127, 1-19.	0.6	194
27	Patterns of Symbiodinium (Dinophyceae) diversity and assemblages among diverse hosts and the coral reef environment of Lizard Island, Australia. Journal of Phycology, 2018, 54, 447-460.	1.0	11
28	Status of coral reefs of Upolu (Independent State of Samoa) in the South West Pacific and recommendations to promote resilience and recovery of coastal ecosystems. Marine Pollution Bulletin, 2018, 129, 392-398.	2.3	8
29	Thermal refugia against coral bleaching throughout the northern Red Sea. Global Change Biology, 2018, 24, e474-e484.	4.2	177
30	Rare symbionts may contribute to the resilience of coralâ€“algal assemblages. ISME Journal, 2018, 12, 161-172.	4.4	174
31	An improved primer set and amplification protocol with increased specificity and sensitivity targeting the Symbiodinium ITS2 region. PeerJ, 2018, 6, e4816.	0.9	102
32	Desert plant bacteria reveal host influence and beneficial plant growth properties. PLoS ONE, 2018, 13, e0208223.	1.1	76
33	In situ observations of coral bleaching in the central Saudi Arabian Red Sea during the 2015/2016 global coral bleaching event. PLoS ONE, 2018, 13, e0195814.	1.1	82
34	Ecological and molecular characterization of a coral black band disease outbreak in the Red Sea during a bleaching event. PeerJ, 2018, 6, e5169.	0.9	32
35	Biogeography and molecular diversity of coral symbionts in the genus Symbiodinium around the Arabian Peninsula. Journal of Biogeography, 2017, 44, 674-686.	1.4	160
36	Invasive infections due to Saprochaete and Geotrichum species: Report of 23 cases from the FungiScope Registry. Mycoses, 2017, 60, 273-279.	1.8	78

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37	Bacterial community dynamics are linked to patterns of coral heat tolerance. Nature Communications, 2017, 8, 14213.	5.8	529
38	Stable mucus-associated bacterial communities in bleached and healthy corals of Porites lobata from the Arabian Seas. Scientific Reports, 2017, 7, 45362.	1.6	70
39	FungiScope^{â„¢}â€”Global Emerging Fungal Infection Registry. Mycoses, 2017, 60, 508-516.	1.8	47
40	Assessing the effects of iron enrichment across holobiont compartments reveals reduced microbial nitrogen fixation in the Red Sea coral Pocillopora verrucosa. Ecology and Evolution, 2017, 7, 6614-6621.	0.8	17
41	Laboratory-Cultured Strains of the Sea Anemone Exaiptasia Reveal Distinct Bacterial Communities. Frontiers in Marine Science, 2017, 4, .	1.2	30
42	High salinity conveys thermotolerance in the coral model Aiptasia. Biology Open, 2017, 6, 1943-1948.	0.6	42
43	Coral microbial community dynamics in response to anthropogenic impacts near a major city in the central Red Sea. Marine Pollution Bulletin, 2016, 105, 629-640.	2.3	197
44	Year-Long Monitoring of Physico-Chemical and Biological Variables Provide a Comparative Baseline of Coral Reef Functioning in the Central Red Sea. PLoS ONE, 2016, 11, e0163939.	1.1	59
45	Mesophotic coral depth acclimatization is a function of host-specific symbiont physiology. Frontiers in Marine Science, 2015, 2, .	1.2	66
46	Niche acclimatization in Red Sea corals is dependent on flexibility of host-symbiont association. Marine Ecology - Progress Series, 2015, 533, 149-161.	0.9	56
47	Limits to physiological plasticity of the coral Pocillopora verrucosa from the central Red Sea. Coral Reefs, 2014, 33, 1115-1129.	0.9	56
48	Thermal stress response in a dinoflagellate-bearing nudibranch and the octocoral on which it feeds. Coral Reefs, 2014, 33, 1085-1099.	0.9	11
49	Photosynthetic plasticity of endosymbionts in larger benthic coral reef Foraminifera. Journal of Experimental Marine Biology and Ecology, 2011, 407, 70-80.	0.7	37
50	Development of nitrergic neurons in the nervous system of the locust embryo. Journal of Comparative Neurology, 2010, 518, spc1-spc1.	0.9	12
51	Development of nitrergic neurons in the nervous system of the locust embryo. Journal of Comparative Neurology, 2009, 518, n/a-n/a.	0.9	10
52	Pleomothra Fragilis N. Sp. (Remipedia) from the Bahamas, with Remarks on Morphologic Reductions and Postnaupliar Development. Journal of Crustacean Biology, 2008, 28, 128-136.	0.3	13
53	Growth Response of Reef-Building Corals to Ocean Acidification Is Mediated by Interplay of Taxon-Specific Physiological Parameters. Frontiers in Marine Science, 0, 9, .	1.2	1