Heidi M Luter

List of Publications by Year
in descending order

36	1,362	516710 16	395702 33
papers	citations	h-index	g-index

37	37	37	1523
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diversity, structure and convergent evolution of the global sponge microbiome. Nature Communications, 2016, 7, 11870.	12.8	594
2	The response of a boreal deep-sea sponge holobiont to acute thermal stress. Scientific Reports, 2017, 7, 1660.	3.3	67
3	Eutrophication has no short-term effect on the Cymbastela stipitata holobiont. Frontiers in Microbiology, 2014, 5, 216.	3.5	60
4	Thermal and Sedimentation Stress Are Unlikely Causes of Brown Spot Syndrome in the Coral Reef Sponge, Ianthella basta. PLoS ONE, 2012, 7, e39779.	2.5	58
5	Exploring the Role of Microorganisms in the Disease-Like Syndrome Affecting the Sponge Ianthella basta. Applied and Environmental Microbiology, 2010, 76, 5736-5744.	3.1	56
6	Climate change alterations to ecosystem dominance: how might spongeâ€dominated reefs function?. Ecology, 2018, 99, 1920-1931.	3.2	56
7	Same, same but different: symbiotic bacterial associations in GBR sponges. Frontiers in Microbiology, 2012, 3, 444.	3.5	52
8	Biogeographic variation in the microbiome of the ecologically important sponge,Carteriospongia foliascens. PeerJ, 2015, 3, e1435.	2.0	42
9	Responses of corals to chronic turbidity. Scientific Reports, 2020, 10, 4762.	3.3	41
10	Microbiome analysis of a disease affecting the deep-sea sponge Geodia barretti. FEMS Microbiology Ecology, 2017, 93, .	2.7	36
11	Multiple approaches to microbial source tracking in tropical northern Australia. MicrobiologyOpen, 2014, 3, 860-874.	3.0	31
12	The marine sponge Ianthella basta can recover from stress-induced tissue regression. Hydrobiologia, 2012, 687, 227-235.	2.0	26
13	Prevalence of tissue necrosis and brown spot lesions in a common marine sponge. Marine and Freshwater Research, 2010, 61, 484.	1.3	25
14	Cryptic speciation and phylogeographic relationships in the elephant ear spongeIanthella basta(Porifera, Ianthellidae) from northern Australia. Zoological Journal of the Linnean Society, 2012, 166, 225-235.	2.3	22
15	Comparative toxicity of five dispersants to coral larvae. Scientific Reports, 2018, 8, 3043.	3.3	21
16	Crossâ€generational effects of climate change on the microbiome of a photosynthetic sponge. Environmental Microbiology, 2020, 22, 4732-4744.	3.8	21
17	Key biological responses over two generations of the sea urchin Echinometra sp. A under future ocean conditions. Marine Ecology - Progress Series, 2020, 637, 87-101.	1.9	17
18	Sponge Disease and Climate Change. , 2017, , 411-428.		15

#	Article	IF	Citations
19	Impacts of water quality on Acropora coral settlement: The relative importance of substrate quality and light. Science of the Total Environment, 2021, 777, 146079.	8.0	14
20	Qualitative variation in colour morphotypes of Ianthella basta (Porifera: Verongida). Hydrobiologia, 2012, 687, 191-203.	2.0	12
21	Effects of sediment resuspension on the larval stage of the model sponge Carteriospongia foliascens. Science of the Total Environment, 2019, 695, 133837.	8.0	12
22	The Effects of Crude Oil and Dispersant on the Larval Sponge Holobiont. MSystems, 2019, 4, .	3.8	11
23	Influence of size and spatial competition on the bioactivity of coral reef sponges. Biochemical Systematics and Ecology, 2010, 38, 146-153.	1.3	9
24	Assessing the risk of light reduction from natural sediment resuspension events and dredging activities in an inshore turbid reef environment. Marine Pollution Bulletin, 2021, 170, 112536.	5.0	9
25	Derivation of toxicity thresholds for gas condensate oils protective of tropical species using experimental and modelling approaches. Marine Pollution Bulletin, 2021, 172, 112899.	5.0	9
26	In situ responses of the sponge microbiome to ocean acidification. FEMS Microbiology Ecology, 2018, 94, .	2.7	6
27	Recruitment Variability of Coral Reef Sessile Communities of the Far North Great Barrier Reef. PLoS ONE, 2016, 11, e0153184.	2.5	6
28	Patterns of abundance and size across varying spatial scales for the coral reef sponge Coscinoderma matthewsi. Marine Ecology - Progress Series, 2009, 396, 27-33.	1.9	6
29	Cytotoxic and anti-microbial activity of the spongelotrochotasp. as a function of size and spatial competitors. Marine Biology Research, 2007, 3, 312-318.	0.7	5
30	Evidence for genetic structuring and limited dispersal ability in the Great Barrier Reef sponge Carteriospongia foliascens. Coral Reefs, 2020, 39, 39-46.	2.2	5
31	Simulated future conditions of ocean warming and acidification disrupt the microbiome of the calcifying foraminifera <scp>Marginopora vertebralis</scp> across life stages. Environmental Microbiology Reports, 2020, 12, 693-701.	2.4	5
32	Gene correlation networks reveal the transcriptomic response to elevated nitrogen in a photosynthetic sponge. Molecular Ecology, 2020, 29, 1452-1462.	3.9	4
33	Underwater Light Characteristics of Turbid Coral Reefs of the Inner Central Great Barrier Reef. Frontiers in Marine Science, 2021, 8, .	2.5	4
34	Phototrophic sponge productivity may not be enhanced in a high <scp>CO₂</scp> world. Global Change Biology, 2022, 28, 4900-4911.	9.5	3
35	The marine sponge Ianthella basta can recover from stress-induced tissue regression. , 2011, , 227-235.		2
36	Qualitative variation in colour morphotypes of Ianthella basta (Porifera: Verongida). , 2011, , 191-203.		0