Christine H L SchÃ¶nberg

List of Publications by Year
in descending order

64 papers	2,390 citations	257450 24 h-index	214800 47 g-index
64 all docs	64 docs citations	64 times ranked	2081 citing authors

#	Article	IF	Citations
1	Avoiding Coral Reef Functional Collapse Requires Local and Global Action. Current Biology, 2013, 23, 912-918.	3.9	252
2	Ocean Acidification Accelerates Reef Bioerosion. PLoS ONE, 2012, 7, e45124.	2.5	173
3	A Standardised Vocabulary for Identifying Benthic Biota and Substrata from Underwater Imagery: The CATAMI Classification Scheme. PLoS ONE, 2015, 10, e0141039.	2.5	163
4	Bioerosion: the other ocean acidification problem. ICES Journal of Marine Science, 2017, 74, 895-925.	2.5	129
5	Sponge biomass and bioerosion rates increase under ocean warming and acidification. Global Change Biology, 2013, 19, 3581-3591.	9.5	113
6	Molecular evidence of cryptic speciation in the â€œcosmopolitanâ€•excavating sponge Cliona celata (Porifera, Clionaidae). Molecular Phylogenetics and Evolution, 2010, 56, 13-20.	2.7	101
7	Induced colonization of corals by a clionid bioeroding sponge. Coral Reefs, 2001, 20, 69-76.	2.2	90
8	Symbiodinium diversity among host clionaid sponges from Caribbean and Pacific reefs: Evidence of heteroplasmy and putative host-specific symbiont lineages. Molecular Phylogenetics and Evolution, 2011, 59, 81-88.	2.7	90
9	Molecular identity of the unique symbiotic dinoflagellates found in the bioeroding demosponge Cliona orientalis. Marine Ecology - Progress Series, 2005, 299, 157-166.	1.9	86
10	Substrate Effects on the Bioeroding Demosponge Cliona orientalis. 1. Bioerosion Rates. Marine Ecology, 2002, 23, 313-326.	1.1	73
11	Effects of ocean acidification and global warming on reef bioerosionâ€”lessons from a clionaid sponge. Aquatic Biology, 2013, 19, 111-127.	1.4	63
12	Bioeroding sponges common to the central Australian Great Barrier Reef: Descriptions of three new species, two new records, and additions to two previously described species. Senckenbergiana Maritima, 2000, 30, 161-221.	0.5	62
13	Effects of ocean warming and acidification on the energy budget of an excavating sponge. Global Change Biology, 2014, 20, 1043-1054.	9.5	55
14	Sponge bioerosion accelerated by ocean acidification across species and latitudes?. Helgoland Marine Research, 2014, 68, 253-262.	1.3	55
15	Happy relationships between marine sponges and sediments â€“ a review and some observations from Australia. Journal of the Marine Biological Association of the United Kingdom, 2016, 96, 493-514.	0.8	53
16	A history of sponge erosion: from past myths and hypotheses to recent approaches. , 2008, , 165-202.		49
17	Sponge and coral zooxanthellae in heat and light: preliminary results of photochemical efficiency monitored with pulse amplitude modulated fluorometry. Marine Ecology, 2008, 29, 247-258.	1.1	47
18	Small-scale distribution of Great Barrier reef bioeroding sponges in shallow water. Ophelia, 2001, 55, 39-54.	0.3	42

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19	Sponge gardens of Ningaloo Reef (Carnarvon Shelf, Western Australia) are biodiversity hotspots. Hydrobiologia, 2012, 687, 143-161.	2.0	40
20	Sponge bioerosion on changing reefs: ocean warming poses physiological constraints to the success of a photosymbiotic excavating sponge. Scientific Reports, 2017, 7, 10705.	3.3	40
21	Impacts of macroalgal competition and parrotfish predation on the growth of a common bioeroding sponge. Marine Ecology - Progress Series, 2012, 444, 133-142.	1.9	38
22	The Sponge Gardens of Ningaloo Reef, Western Australia. The Open Marine Biology Journal, 2010, 4, 3-11.	0.3	35
23	Substrate Effects on the Bioeroding Demosponge Cliona orientalis. 2. Substrate Colonisation and Tissue Growth. Marine Ecology, 2003, 24, 59-74.	1.1	29
24	Bioeroding Sponges and the Future of Coral Reefs. , 2017, , 179-372.		27
25	Monitoring Bioeroding Sponges: Using Rubble, Quadrat, or Intercept Surveys?. Biological Bulletin, 2015, 228, 137-155.	1.8	26
26	Self-cleaning surfaces in sponges. Marine Biodiversity, 2015, 45, 623-624.	1.0	25
27	No taxonomy needed: Sponge functional morphologies inform about environmental conditions. Ecological Indicators, 2021, 129, 107806.	6.3	25
28	Estimating the extent of endolithic tissue of a great barrier reef clionid sponge. Senckenbergiana Maritima, 2001, 31, 29-39.	0.5	23
29	Methods to quantify components of the excavating sponge <scp>C</scp>liona orientalis <scp>T</scp>hiele, 1900. Marine Ecology, 2013, 34, 193-206.	1.1	22
30	The Bioeroding SpongeAka paratypica, a Modern Tracemaking Analogue for the Paleozoic IchnogenusEntobia devonica. Ichnos, 2006, 13, 147-157.	0.5	21
31	Long-term macrobioerosion in the Mediterranean Sea assessed by micro-computed tomography. Biogeosciences, 2016, 13, 3461-3474.	3.3	21
32	Bioerosion rates of the sponge Cliona orientalis Thiele, 1900: spatial variation over short distances. Facies, 2009, 55, 203-211.	1.4	20
33	Dayâ€“night ecophysiology of the photosymbiotic bioeroding sponge Cliona orientalis Thiele, 1900. Marine Biology, 2016, 163, 1.	1.5	18
34	Asymmetric competition prevents the outbreak of an opportunistic species after coral reef degradation. Oecologia, 2016, 181, 161-173.	2.0	18
35	Pione lampa, a bioeroding sponge in a worm reef. Hydrobiologia, 2002, 482, 49-68.	2.0	17
36	The perks of being endolithic. Aquatic Biology, 2012, 17, 1-5.	1.4	17

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37	Where Topsent went wrong: Aka infesta a.k.a. Aka labyrinthica (Demospongiae:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Association of the United Kingdom, 2007, 87, 1459-1476.	0.8	16
38	Symbiotic plasticity of Symbiodinium in a common excavating sponge. Marine Biology, 2017, 164, 1.	1.5	16
39	Morphological and molecular systematics of the â€˜Cliona viridiscomplexâ€™ from south-eastern Brazil. Journal of the Marine Biological Association of the United Kingdom, 2016, 96, 313-322.	0.8	15
40	A new clionaid sponge infests live corals on the west coast of India (Porifera, Demospongiae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.2	15
41	Micro-computed tomography for studies on Entobia: transparent substrate versus modern technology. , 2008, , 147-164.		15
42	Cliona minuscula, sp. nov. (Hadromerida : Clionaidae) and other bioeroding sponges that only contain tylostyles. Zootaxa, 2006, 1312, 1.	0.5	14
43	Bioeroding sponge assemblages: the importance of substrate availability and sediment. Journal of the Marine Biological Association of the United Kingdom, 2019, 99, 343-358.	0.8	14
44	Photosynthesis by symbiotic sponges enhances their ability to erode calcium carbonate. Journal of Experimental Marine Biology and Ecology, 2019, 516, 140-149.	1.5	13
45	A sponge of the Cliona viridis complex invades and excavates corals of the Gulf of Mannar, south-eastern India. Marine and Freshwater Research, 2018, 69, 874.	1.3	12
46	Bioerosion Research Before and After 1996â€”A Discussion of What Has Changed Since the First International Bioerosion Workshop. Ichnos, 2006, 13, 99-102.	0.5	11
47	Life-history traits of a common Caribbean coral-excavating sponge,Cliona tenuis(Porifera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.5	11
48	Bleaching and mortality of a photosymbiotic bioeroding sponge under future carbon dioxide emission scenarios. Oecologia, 2018, 187, 25-35.	2.0	11
49	New mechanisms in demosponge spicule formation. Journal of the Marine Biological Association of the United Kingdom, 2001, 81, 345-346.	0.8	9
50	Studying interactions between excavating sponges and massive corals by the use of hybrid cores. Marine Ecology, 2017, 38, e12393.	1.1	9
51	Apartment-style living on a kebab sponge. Marine Biodiversity, 2016, 46, 331-332.	1.0	8
52	Coral-killing sponge Terpios hoshinota in Southeast Indiaâ€”bested by Acropora muricata?. Marine Biodiversity, 2019, 49, 1069-1070.	1.0	8
53	Characterization of Leucetta prolifera, a calcarean cyanosponge from south-western Australia, and its symbionts. Journal of the Marine Biological Association of the United Kingdom, 2016, 96, 541-552.	0.8	7
54	Borings, bodies and ghosts: spicules of the endolithic sponge Aka akis sp. nov. within the boring Entobia cretacea, Cretaceous, England. , 2008, , 235-248.		6

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55	Culture, demography and biogeography of sponge science: From past conferences to strategic research?. Marine Ecology, 2017, 38, e12416.	1.1	4
56	Marine Bioerosion. , 2014, , 449-461.		3
57	New Frontiers in Sponge Science â€“ the 2013 Fremantle Sponge Conference. Journal of the Marine Biological Association of the United Kingdom, 2016, 96, 217-219.	0.8	3
58	Psammobiosis and bioerosion: examining ecological strategies in sponges using the case example Coelocarteria singaporensis. Facies, 2019, 65, 1.	1.4	3
59	Bioeroding sponge species from the Wakatobi region of southeast Sulawesi, Indonesia. Zootaxa, 2021, 4996, 1-48.	0.5	3
60	Are Some Photosymbiotic Bioeroding Sponges More Bleaching-Tolerant than Hard Corals?. Journal of Marine Biology & Oceanography, 2018, 07, .	0.1	3
61	Sponge bioerosion versus aqueous pCO2: morphometric assessment of chips and etching fissures. Facies, 2019, 65, 1.	1.4	2
62	Close encounters in the substrate: when macroborers meet microborers. Facies, 2019, 65, 1.	1.4	1
63	Viewpoints in bioerosion researchâ€”are we really disagreeing? A reply to the comment by Silbiger and DeCarlo (2017). ICES Journal of Marine Science, 2017, 74, 2494-2500.	2.5	0
64	Delimiting boundaries between species: excavating sponges close to Cliona mucronata (Demospongiae). Systematics and Biodiversity, 2020, 18, 573-591.	1.2	0