

Benjamin Mueller

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

398
citations

933447

10
h-index

888059

17
g-index

25
all docs

25
docs citations

25
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface flow for colonial integration in reef-building corals. <i>Current Biology</i> , 2022, 32, 2596-2609.e7.	3.9	10
2	Nocturnal dissolved organic matter release by turf algae and its role in the microbialization of reefs. <i>Functional Ecology</i> , 2022, 36, 2104-2118.	3.6	4
3	Dissolved organic carbon (<sc>DOC</sc>) is essential to balance the metabolic demands of four dominant <sc>Northâ€Atlantic</sc> deepâ€sea sponges. <i>Limnology and Oceanography</i> , 2021, 66, 925-938.	3.1	21
4	Three-Dimensional Molecular Cartography of the Caribbean Reef-Building Coral <i>Orbicella faveolata</i> . <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	11
5	Processing of Naturally Sourced Macroalgal- and Coral-Dissolved Organic Matter (DOM) by High and Low Microbial Abundance Encrusting Sponges. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	16
6	Implications of 2D versus 3D surveys to measure the abundance and composition of benthic coral reef communities. <i>Coral Reefs</i> , 2021, 40, 1137-1153.	2.2	23
7	Space-filling and benthic competition on coral reefs. <i>PeerJ</i> , 2021, 9, e11213.	2.0	7
8	Depthâ€dependent detritus production in the sponge, <i>Halisarca caerulea</i>. <i>Limnology and Oceanography</i> , 2020, 65, 1200-1216.	3.1	24
9	Differential processing of dissolved and particulate organic matter by deep-sea sponges and their microbial symbionts. <i>Scientific Reports</i> , 2020, 10, 17515.	3.3	33
10	On giant shoulders: how a seamount affects the microbial community composition of seawater and sponges. <i>Biogeosciences</i> , 2020, 17, 3471-3486.	3.3	20
11	Spatioâ€temporal variation in stable isotope signatures ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) of sponges on the Saba Bank. <i>PeerJ</i> , 2018, 6, e5460.	2.0	7
12	First documentation of encrusting specimen of <i>Cliona delitrix</i> on CuraÃ§ao: a cause for concern?. <i>Marine Biodiversity Records</i> , 2017, 10, .	1.2	1
13	DOC concentrations across a depth-dependent light gradient on a Caribbean coral reef. <i>PeerJ</i> , 2017, 5, e3456.	2.0	3
14	Effect of light and nutrient availability on the release of dissolved organic carbon (DOC) by Caribbean turf algae. <i>Scientific Reports</i> , 2016, 6, 23248.	3.3	42
15	High dissolved organic carbon release by benthic cyanobacterial mats in a Caribbean reef ecosystem. <i>Scientific Reports</i> , 2015, 5, 8852.	3.3	58
16	Biofouling of inlet pipes affects water quality in running seawater aquaria and compromises sponge cell proliferation. <i>PeerJ</i> , 2015, 3, e1430.	2.0	14
17	Natural Diet of Coral-Excavating Sponges Consists Mainly of Dissolved Organic Carbon (DOC). <i>PLoS ONE</i> , 2014, 9, e90152.	2.5	93