

# Matthew R Nitschke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6019728/publications.pdf>

Version: 2024-02-01

24  
papers

812  
citations

471061  
17  
h-index

580395  
25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

869  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reef-building corals thrive within hot-acidified and deoxygenated waters. <i>Scientific Reports</i> , 2017, 7, 2434.	1.6	91
2	Horizontal transmission of Symbiodinium cells between adult and juvenile corals is aided by benthic sediment. <i>Coral Reefs</i> , 2016, 35, 335-344.	0.9	64
3	The influence of symbiont type on photosynthetic carbon flux in a model cnidarian–dinoflagellate symbiosis. <i>Marine Biology</i> , 2014, 161, 711-724.	0.7	56
4	Description of <i>Freudenthalidium</i> gen. nov. and <i>Halluxium</i> gen. nov. to Formally Recognize Clades Fr3 and H as Genera in the Family Symbiodiniaceae (Dinophyceae). <i>Journal of Phycology</i> , 2020, 56, 923-940.	1.0	56
5	Revealing changes in the microbiome of Symbiodiniaceae under thermal stress. <i>Environmental Microbiology</i> , 2020, 22, 1294-1309.	1.8	48
6	Corals exhibit distinct patterns of microbial reorganisation to thrive in an extreme inshore environment. <i>Coral Reefs</i> , 2020, 39, 701-716.	0.9	47
7	A multi-trait systems approach reveals a response cascade to bleaching in corals. <i>BMC Biology</i> , 2017, 15, 117.	1.7	45
8	<i>Symbiodinium</i> mitigate the combined effects of hypoxia and acidification on a noncalcifying cnidarian. <i>Global Change Biology</i> , 2017, 23, 3690-3703.	4.2	41
9	Species-specific differences in thermal tolerance may define susceptibility to intracellular acidosis in reef corals. <i>Marine Biology</i> , 2015, 162, 717-723.	0.7	39
10	The effect of elevated temperature and substrate on free-living Symbiodinium cultures. <i>Coral Reefs</i> , 2015, 34, 161-171.	0.9	37
11	Utility of Photochemical Traits as Diagnostics of Thermal Tolerance amongst Great Barrier Reef Corals. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	37
12	An Indo-Pacific coral spawning database. <i>Scientific Data</i> , 2021, 8, 35.	2.4	34
13	Unlocking the phylogenetic diversity, primary habitats, and abundances of free-living Symbiodiniaceae on a coral reef. <i>Molecular Ecology</i> , 2021, 30, 343-360.	2.0	33
14	Revival of <i>Philozoon</i> Geddes for host-specialized dinoflagellates, <i>zooxanthellae</i> <sup>TM</sup> , in animals from coastal temperate zones of northern and southern hemispheres. <i>European Journal of Phycology</i> , 2022, 57, 166-180.	0.9	30
15	Cell Cycle Dynamics of Cultured Coral Endosymbiotic Microalgae ( <i>Symbiodinium</i> ) Across Different Types (Species) Under Alternate Light and Temperature Conditions. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 505-517.	0.8	29
16	Expanding the <i>Symbiodinium</i> (Dinophyceae, Suessiales) Toolkit Through Protoplast Technology. <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 588-597.	0.8	24
17	Mass coral bleaching of <i>P. versipora</i> in Sydney Harbour driven by the 2015–2016 heatwave. <i>Coral Reefs</i> , 2019, 38, 815-830.	0.9	20
18	Toward bio-optical phenotyping of reef-forming corals using Light-Induced Fluorescence Transient-Fast Repetition Rate fluorometry. <i>Limnology and Oceanography: Methods</i> , 2022, 20, 172-191.	1.0	17

#	ARTICLE	IF	CITATIONS
19	Coral Community Structure and Recruitment in Seagrass Meadows. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	14
20	Symbiolite formation: a powerful in vitro model to untangle the role of bacterial communities in the photosynthesis-induced formation of microbialites. <i>ISME Journal</i> , 2020, 14, 1533-1546.	4.4	14
21	Effects of Ocean Warming on the Underexplored Members of the Coral Microbiome. <i>Integrative and Comparative Biology</i> , 2022, 62, 1700-1709.	0.9	11
22	An LED-based multi-actinic illumination system for the high throughput study of photosynthetic light responses. <i>PeerJ</i> , 2018, 6, e5589.	0.9	10
23	Micronutrient content drives elementome variability amongst the Symbiodiniaceae. <i>BMC Plant Biology</i> , 2022, 22, 184.	1.6	9
24	Species-specific elementomes for scleractinian coral hosts and their associated Symbiodiniaceae. <i>Coral Reefs</i> , 2022, 41, 1115-1130.	0.9	5