

# Michael J Sweet

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

78  
papers

1,649  
citations

26  
h-index

37  
g-index

90  
ext. papers

2,408  
ext. citations

4.7  
avg, IF

5.45  
L-index

#	Paper	IF	Citations
78	Bacterial assemblages differ between compartments within the coral holobiont. <i>Coral Reefs</i> , <b>2011</b> , 30, 39-52	4.2	123
77	A review of ghost gear entanglement amongst marine mammals, reptiles and elasmobranchs. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 111, 6-17	6.7	93
76	On the Importance of the Microbiome and Pathobiome in Coral Health and Disease. <i>Frontiers in Marine Science</i> , <b>2017</b> , 4,	4.5	90
75	Ciliate and bacterial communities associated with White Syndrome and Brown Band Disease in reef-building corals. <i>Environmental Microbiology</i> , <b>2012</b> , 14, 2184-99	5.2	70
74	Review: metal-based nanoparticles; size, function, and areas for advancement in applied microbiology. <i>Advances in Applied Microbiology</i> , <b>2012</b> , 80, 113-42	4.9	57
73	Algae as reservoirs for coral pathogens. <i>PLoS ONE</i> , <b>2013</b> , 8, e69717	3.7	52
72	Experimental antibiotic treatment identifies potential pathogens of white band disease in the endangered Caribbean coral <i>Acropora cervicornis</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20140094	4.4	50
71	Evidence of melanoma in wild marine fish populations. <i>PLoS ONE</i> , <b>2012</b> , 7, e41989	3.7	48
70	Diseases in coral aquaculture: causes, implications and preventions. <i>Aquaculture</i> , <b>2013</b> , 396-399, 124-135	4.4	47
69	Age-Related Shifts in Bacterial Diversity in a Reef Coral. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144902	3.7	47
68	Inducing broadcast coral spawning ex situ: Closed system mesocosm design and husbandry protocol. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 11066-11078	2.8	40
67	Bacterial assemblages shifts from healthy to yellow band disease states in the dominant reef coral <i>Montastraea faveolata</i> . <i>Environmental Microbiology Reports</i> , <b>2013</b> , 5, 90-6	3.7	36
66	Evidence for rapid, tide-related shifts in the microbiome of the coral <i>Coelastrea aspera</i> . <i>Coral Reefs</i> , <b>2017</b> , 36, 815-828	4.2	33
65	Decadal environmental memory in a reef coral?. <i>Marine Biology</i> , <b>2015</b> , 162, 479-483	2.5	32
64	A novel sponge disease caused by a consortium of micro-organisms. <i>Coral Reefs</i> , <b>2015</b> , 34, 871-883	4.2	32
63	Heat Waves Are a Major Threat to Turbid Coral Reefs in Brazil. <i>Frontiers in Marine Science</i> , <b>2020</b> , 7,	4.5	32
62	Development of bacterial biofilms on artificial corals in comparison to surface-associated microbes of hard corals. <i>PLoS ONE</i> , <b>2011</b> , 6, e21195	3.7	32

61	Characterisation of the bacterial and fungal communities associated with different lesion sizes of dark spot syndrome occurring in the coral <i>Stephanocoenia intersepta</i> . <i>PLoS ONE</i> , <b>2013</b> , 8, e62580	3.7	31
60	Combining ddPCR and environmental DNA to improve detection capabilities of a critically endangered freshwater invertebrate. <i>Scientific Reports</i> , <b>2019</b> , 9, 14064	4.9	30
59	Symbiotic Microbes from Marine Invertebrates: Driving a New Era of Natural Product Drug Discovery. <i>Diversity</i> , <b>2017</b> , 9, 49	2.5	30
58	Coral Probiotics: Premise, Promise, Prospects. <i>Annual Review of Animal Biosciences</i> , <b>2021</b> , 9, 265-288	13.7	30
57	White syndrome in <i>Acropora muricata</i> : nonspecific bacterial infection and ciliate histophagy. <i>Molecular Ecology</i> , <b>2015</b> , 24, 1150-9	5.7	29
56	Soil contamination with silver nanoparticles reduces Bishop pine growth and ectomycorrhizal diversity on pine roots. <i>Journal of Nanoparticle Research</i> , <b>2015</b> , 17, 448	2.3	29
55	Influence of accuracy, repeatability and detection probability in the reliability of species-specific eDNA based approaches. <i>Scientific Reports</i> , <b>2019</b> , 9, 580	4.9	28
54	Coral diseases in aquaria and in nature. <i>Journal of the Marine Biological Association of the United Kingdom</i> , <b>2012</b> , 92, 791-801	1.1	27
53	Silver nanoparticles: a microbial perspective. <i>Advances in Applied Microbiology</i> , <b>2011</b> , 77, 115-33	4.9	26
52	The role of viruses in coral health and disease. <i>Journal of Invertebrate Pathology</i> , <b>2017</b> , 147, 136-144	2.6	25
51	Dynamics of bacterial community development in the reef coral <i>Acropora muricata</i> following experimental antibiotic treatment. <i>Coral Reefs</i> , <b>2011</b> , 30, 1121-1133	4.2	21
50	Temporal and spatial patterns in waterborne bacterial communities of an island reef system. <i>Aquatic Microbial Ecology</i> , <b>2010</b> , 61, 1-11	1.1	21
49	Extending the natural adaptive capacity of coral holobionts. <i>Nature Reviews Earth &amp; Environment</i> ,	30.2	21
48	Ex situ co culturing of the sea urchin, <i>Mespilia globulus</i> and the coral <i>Acropora millepora</i> enhances early post-settlement survivorship. <i>Scientific Reports</i> , <b>2019</b> , 9, 12984	4.9	20
47	Compositional homogeneity in the pathobiome of a new, slow-spreading coral disease. <i>Microbiome</i> , <b>2019</b> , 7, 139	16.6	20
46	Customized Medicine for Corals. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	20
45	Coral microbiome manipulation elicits metabolic and genetic restructuring to mitigate heat stress and evade mortality. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	19
44	Mass mortality hits gorgonian forests at Montecristo Island. <i>Diseases of Aquatic Organisms</i> , <b>2018</b> , 131, 79-85	1.7	18

43	Diseases in marine invertebrates associated with mariculture and commercial fisheries. <i>Journal of Sea Research</i> , <b>2015</b> , 104, 16-32	1.9	15
42	Identification of a bacterial pathogen associated with Porites white patch syndrome in the Western Indian Ocean. <i>Molecular Ecology</i> , <b>2015</b> , 24, 4570-81	5.7	15
41	Flower Density Is More Important Than Habitat Type for Increasing Flower Visiting Insect Diversity. <i>International Journal of Ecology</i> , <b>2013</b> , 2013, 1-12	1.9	15
40	Reliable eDNA detection and quantification of the European weather loach ( <i>Misgurnus fossilis</i> ). <i>Journal of Fish Biology</i> , <b>2021</b> , 98, 399-414	1.9	15
39	Designer reefs and coral probiotics: great concepts but are they good practice?. <i>Biodiversity</i> , <b>2017</b> , 18, 19-22	0.7	14
38	Symbiodinium diversity within <i>Acropora muricata</i> and the surrounding environment. <i>Marine Ecology</i> , <b>2014</b> , 35, 343-353	1.4	13
37	Seasonality, DNA degradation and spatial heterogeneity as drivers of eDNA detection dynamics. <i>Science of the Total Environment</i> , <b>2021</b> , 768, 144466	10.2	13
36	Baseline reef health surveys at Bangka Island (North Sulawesi, Indonesia) reveal new threats. <i>PeerJ</i> , <b>2016</b> , 4, e2614	3.1	11
35	Insights into the Cultured Bacterial Fraction of Corals. <i>MSystems</i> , <b>2021</b> , 6, e0124920	7.6	11
34	The use of gamification in the teaching of disease epidemics and pandemics. <i>FEMS Microbiology Letters</i> , <b>2018</b> , 365,	2.9	10
33	An Experimental Framework for Selectively Breeding Corals for Assisted Evolution. <i>Frontiers in Marine Science</i> , <b>2021</b> , 8,	4.5	10
32	Environmental flexibility in <i>Oulastrea crispata</i> in a highly urbanised environment: a microbial perspective. <i>Coral Reefs</i> , <b>2020</b> , 39, 649-662	4.2	9
31	Improving the reliability of eDNA data interpretation. <i>Molecular Ecology Resources</i> , <b>2021</b> , 21, 1422-1433	8.4	9
30	Microsatellites for microbiologists. <i>Advances in Applied Microbiology</i> , <b>2012</b> , 81, 169-207	4.9	8
29	Development and application of eDNA-based tools for the conservation of white-clawed crayfish. <i>Science of the Total Environment</i> , <b>2020</b> , 748, 141394	10.2	8
28	Consensus Guidelines for Advancing Coral Holobiont Genome and Specimen Voucher Deposition. <i>Frontiers in Marine Science</i> , <b>2021</b> , 8,	4.5	8
27	Baseline coral disease surveys within three marine parks in Sabah, Borneo. <i>PeerJ</i> , <b>2015</b> , 3, e1391	3.1	7
26	eDNA-based monitoring: Advancement in management and conservation of critically endangered killifish species. <i>Environmental DNA</i> , <b>2020</b> , 2, 601-613	7.6	6

25	Completing the life cycle of a broadcast spawning coral in a closed mesocosm. <i>Invertebrate Reproduction and Development</i> , <b>2020</b> , 64, 244-247	0.7	6
24	Prevalence and Incidence of Black Band Disease of Scleractinian Corals in the Kepulauan Seribu Region of Indonesia. <i>Diversity</i> , <b>2016</b> , 8, 11	2.5	6
23	Sea urchin diseases: Effects from individuals to ecosystems. <i>Developments in Aquaculture and Fisheries Science</i> , <b>2020</b> , 43, 219-226	1.1	6
22	Investing in Blue Natural Capital to Secure a Future for the Red Sea Ecosystems. <i>Frontiers in Marine Science</i> , <b>2021</b> , 7,	4.5	6
21	Measuring Actions for Nature Development and Validation of a Pro-Nature Conservation Behaviour Scale. <i>Sustainability</i> , <b>2020</b> , 12, 4885	3.6	5
20	Minimum drift times infer trajectories of ghost nets found in the Maldives. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 154, 111037	6.7	4
19	Tracing the origin of olive ridley turtles entangled in ghost nets in the Maldives: A phylogeographic assessment of populations at risk. <i>Biological Conservation</i> , <b>2020</b> , 245, 108499	6.2	4
18	Reprint of 'Diseases in marine invertebrates associated with mariculture and commercial fisheries'. <i>Journal of Sea Research</i> , <b>2016</b> , 113, 28-44	1.9	4
17	Microbial communities associated with healthy and White syndrome-affected <i>Echinopora lamellosa</i> in aquaria and experimental treatment with the antibiotic ampicillin. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121780	3.7	4
16	Untangling the origin of ghost gear within the Maldivian archipelago and its impact on olive ridley ( <i>Lepidochelys olivacea</i> ) populations. <i>Endangered Species Research</i> , <b>2019</b> , 40, 309-320	2.5	4
15	Molecular changes in skin pigmented lesions of the coral trout <i>Plectropomus leopardus</i> . <i>Marine Environmental Research</i> , <b>2016</b> , 120, 130-5	3.3	4
14	Corals as canaries in the coalmine: Towards the incorporation of marine ecosystems into the 'One Health' concept. <i>Journal of Invertebrate Pathology</i> , <b>2021</b> , 186, 107538	2.6	4
13	Mapping a super-invader in a biodiversity hotspot, an eDNA-based success story. <i>Ecological Indicators</i> , <b>2021</b> , 126, 107637	5.8	4
12	Variation in size frequency distribution of coral populations under different fishing pressures in two contrasting locations in the Indian Ocean. <i>Marine Environmental Research</i> , <b>2017</b> , 131, 146-155	3.3	3
11	Comparative evaluation of neuro-linguistic programming. <i>British Journal of Guidance and Counselling</i> , <b>2019</b> , 47, 744-756	0.8	3
10	Geographically conserved rates of background mortality among common reef-building corals in Lhaviyani Atoll, Maldives, versus northern Great Barrier Reef, Australia. <i>Marine Biology</i> , <b>2015</b> , 162, 1579-1586	2.5	3
9	Corals as canaries in the coalmine: towards the incorporation of marine ecosystems into the One Health concept		3
8	Going with the flow: How corals in high-flow environments can beat the heat. <i>Molecular Ecology</i> , <b>2021</b> , 30, 2009-2024	5.7	3

7	A novel investigation of a blister-like syndrome in aquarium Echinopora lamellosa. <i>PLoS ONE</i> , <b>2014</b> , 9, e97018	3.7	2
6	Improving detection capabilities of a critically endangered freshwater invertebrate with environmental DNA using digital droplet PCR		2
5	A review of the diversity and impact of invasive non-native species in tropical marine ecosystems. <i>Marine Biodiversity Records</i> , <b>2021</b> , 14,	2	2
4	Current Knowledge of Coral Diseases Present Within the Red Sea. <i>Springer Oceanography</i> , <b>2019</b> , 387-400.	0.5	2
3	Rediscovery of the critically endangered 'scarce yellow sally stonefly' <i>Isogenus nubecula</i> in United Kingdom after a 22 year period of absence. <i>Zootaxa</i> , <b>2018</b> , 4394, 295-300	0.5	2
2	Development and application of eDNA-based tools for the conservation of white-clawed crayfish		1
1	A framework for selectively breeding corals for assisted evolution		1