

Rebecca Vega Thurber

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

8,039
citations

147801

31
h-index

168389

53
g-index

64
all docs

64
docs citations

64
times ranked

8307
citing authors

#	ARTICLE	IF	CITATIONS
1	The coral symbiont <i>Candidatus</i> Aquarickettsia is variably abundant in threatened Caribbean acroporids and transmitted horizontally. ISME Journal, 2022, 16, 400-411.	9.8	21
2	Coral bleaching responses to climate change across biological scales. Global Change Biology, 2022, 28, 4229-4250.	9.5	44
3	Increasing comparability among coral bleaching experiments. Ecological Applications, 2021, 31, e02262.	3.8	68
4	Viral discovery in the "realm" of COVID-19. Environmental Microbiology Reports, 2021, 13, 62-67.	2.4	0
5	Electron microscopy reveals viral-like particles and mitochondrial degradation in scombrid puffy snout syndrome. Diseases of Aquatic Organisms, 2021, 147, 25-31.	1.0	1
6	Thermal Stress Interacts With Surgeonfish Feces to Increase Coral Susceptibility to Dysbiosis and Reduce Tissue Regeneration. Frontiers in Microbiology, 2021, 12, 620458.	3.5	12
7	Chronic low-level nutrient enrichment benefits coral thermal performance in a fore reef habitat. Coral Reefs, 2021, 40, 1637-1655.	2.2	9
8	A review of coral bleaching specimen collection, preservation, and laboratory processing methods. PeerJ, 2021, 9, e11763.	2.0	6
9	Natural experiments and long-term monitoring are critical to understand and predict marine host-microbe ecology and evolution. PLoS Biology, 2021, 19, e3001322.	5.6	17
10	Nutrient Enrichment Predominantly Affects Low Diversity Microbiomes in a Marine Trophic Symbiosis between Algal Farming Fish and Corals. Microorganisms, 2021, 9, 1873.	3.6	7
11	Inconsistent Patterns of Microbial Diversity and Composition Between Highly Similar Sequencing Protocols: A Case Study With Reef-Building Corals. Frontiers in Microbiology, 2021, 12, 740932.	3.5	8
12	Tara Pacific Expedition's Atmospheric Measurements of Marine Aerosols across the Atlantic and Pacific Oceans: Overview and Preliminary Results. Bulletin of the American Meteorological Society, 2020, 101, E536-E554.	3.3	9
13	Nutrient Pollution and Predation Differentially Affect Innate Immune Pathways in the Coral Porites porites. Frontiers in Marine Science, 2020, 7, .	2.5	13
14	Coral Bleaching Phenotypes Associated With Differential Abundances of Nucleocytoplasmic Large DNA Viruses. Frontiers in Marine Science, 2020, 7, .	2.5	16
15	Coral-Associated Viral Assemblages From the Central Red Sea Align With Host Species and Contribute to Holobiont Genetic Diversity. Frontiers in Microbiology, 2020, 11, 572534.	3.5	16
16	Deciphering Coral Disease Dynamics: Integrating Host, Microbiome, and the Changing Environment. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	58
17	Coral Microbiomes Demonstrate Flexibility and Resilience Through a Reduction in Community Diversity Following a Thermal Stress Event. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	34
18	Increased diversity and concordant shifts in community structure of coral-associated Symbiodiniaceae and bacteria subjected to chronic human disturbance. Molecular Ecology, 2020, 29, 2477-2491.	3.9	26

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19	Marine Aerosols: Measurements by the Tara Pacific Expedition. Bulletin of the American Meteorological Society, 2020, 101, 499-504.	3.3	0
20	Phylogenetic, genomic, and biogeographic characterization of a novel and ubiquitous marine invertebrate-associated Rickettsiales parasite, <i>Candidatus Aquarickettsia rohweri</i> , gen. nov., sp. nov. ISME Journal, 2019, 13, 2938-2953.	9.8	82
21	Host-associated microbiomes drive structure and function of marine ecosystems. PLoS Biology, 2019, 17, e3000533.	5.6	103
22	The Tara Pacific expeditionâ€”A pan-ecosystemic approach of the â€œ-omicsâ€•complexity of coral reef holobionts across the Pacific Ocean. PLoS Biology, 2019, 17, e3000483.	5.6	48
23	The Long Arm of Species Loss: How Will Defaunation Disrupt Ecosystems Down to the Microbial Scale?. BioScience, 2019, 69, 443-454.	4.9	8
24	Draft Genome Sequence of Phocine Herpesvirus 1 Isolated from the Brain of a Harbor Seal. Microbiology Resource Announcements, 2019, 8, .	0.6	0
25	Multiple stressors interact primarily through antagonism to drive changes in the coral microbiome. Scientific Reports, 2019, 9, 6834.	3.3	64
26	Variable interaction outcomes of local disturbance and El NiÃ±o-induced heat stress on coral microbiome alpha and beta diversity. Coral Reefs, 2019, 38, 331-345.	2.2	24
27	Minimum Information about an Uncultivated Virus Genome (MIUViG). Nature Biotechnology, 2019, 37, 29-37.	17.5	414
28	Surgeonfish feces increase microbial opportunism in reef-building corals. Marine Ecology - Progress Series, 2019, 631, 81-97.	1.9	17
29	Different nitrogen sources speed recovery from corallivory and uniquely alter the microbiome of a reef-building coral. PeerJ, 2019, 7, e8056.	2.0	20
30	Coral-associated bacteria demonstrate phyllosymbiosis and cophylogeny. Nature Communications, 2018, 9, 4921.	12.8	264
31	Virusâ€•host interactions and their roles in coral reef health and disease. Nature Reviews Microbiology, 2017, 15, 205-216.	28.6	144
32	Stress and stability: applying the Anna Karenina principle to animal microbiomes. Nature Microbiology, 2017, 2, 17121.	13.3	661
33	Rapid adaptive responses to climate change in corals. Nature Climate Change, 2017, 7, 627-636.	18.8	327
34	A Vicious Circle? Altered Carbon and Nutrient Cycling May Explain the Low Resilience of Caribbean Coral Reefs. BioScience, 2016, 66, 470-476.	4.9	90
35	Overfishing and nutrient pollution interact with temperature to disrupt coral reefs down to microbial scales. Nature Communications, 2016, 7, 11833.	12.8	417
36	Bacterial predation in a marine host-associated microbiome. ISME Journal, 2016, 10, 1540-1544.	9.8	77

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37	Bacterial Predators in Host Microbiomes. <i>Microbe Magazine</i> , 2016, 11, 61-67.	0.4	2
38	Sewage pollution: mitigation is key for coral reef stewardship. <i>Annals of the New York Academy of Sciences</i> , 2015, 1355, 15-30.	3.8	150
39	A novel sister clade to the enterobacteria microviruses (family) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (<sc><i>M</i></sc>). <i>Microbiology</i> , 2015, 17, 3708-3721.	3.8	37
40	Phageâ€bacteria network analysis and its implication for the understanding of coral disease. <i>Environmental Microbiology</i> , 2015, 17, 1203-1218.	3.8	84
41	Brain Meta-Transcriptomics from Harbor Seals to Infer the Role of the Microbiome and Virome in a Stranding Event. <i>PLoS ONE</i> , 2015, 10, e0143944.	2.5	9
42	Potential role of viruses in white plague coral disease. <i>ISME Journal</i> , 2014, 8, 271-283.	9.8	101
43	Macroalgae Decrease Growth and Alter Microbial Community Structure of the Reef-Building Coral, <i>Porites astreoides</i> . <i>PLoS ONE</i> , 2012, 7, e44246.	2.5	113
44	Viral and microbial community dynamics in four aquatic environments. <i>ISME Journal</i> , 2010, 4, 739-751.	9.8	387
45	The future of coral reefs: a microbial perspective. <i>Trends in Ecology and Evolution</i> , 2010, 25, 233-240.	8.7	242
46	Survival and settlement success of coral planulae: independent and synergistic effects of macroalgae and microbes. <i>Oecologia</i> , 2009, 159, 325-336.	2.0	125
47	Viruses manipulate the marine environment. <i>Nature</i> , 2009, 459, 207-212.	27.8	549
48	Laboratory procedures to generate viral metagenomes. <i>Nature Protocols</i> , 2009, 4, 470-483.	12.0	530
49	Metagenomic signatures of 86 microbial and viral metagenomes. <i>Environmental Microbiology</i> , 2009, 11, 1752-1766.	3.8	156
50	Metagenomic analysis of stressed coral holobionts. <i>Environmental Microbiology</i> , 2009, 11, 2148-2163.	3.8	551
51	Current insights into phage biodiversity and biogeography. <i>Current Opinion in Microbiology</i> , 2009, 12, 582-587.	5.1	81
52	Biodiversity and biogeography of phages in modern stromatolites and thrombolites. <i>Nature</i> , 2008, 452, 340-343.	27.8	251
53	Functional metagenomic profiling of nine biomes. <i>Nature</i> , 2008, 452, 629-632.	27.8	842
54	Metagenomic analysis indicates that stressors induce production of herpes-like viruses in the coral <i>Porites compressa</i>. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18413-18418.	7.1	205

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55	Microbial Ecology of Four Coral Atolls in the Northern Line Islands. PLoS ONE, 2008, 3, e1584.	2.5	383
56	Apoptosis in early development of the sea urchin, <i>Strongylocentrotus purpuratus</i> . Developmental Biology, 2007, 303, 336-346.	2.0	37
57	Corals and Their Microbiomes Are Differentially Affected by Exposure to Elevated Nutrients and a Natural Thermal Anomaly. Frontiers in Marine Science, 0, 5, .	2.5	68