# Rebecca Vega Thurber

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8864030/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 57<br>papers | 8,039<br>citations | 147801<br>31<br>h-index | 168389<br>53<br>g-index |
| 64<br>all docs | 64<br>docs citations | 64<br>times ranked | 8307<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Functional metagenomic profiling of nine biomes. Nature, 2008, 452, 629-632. | 27.8 | 842 |
| 2 | Stress and stability: applying the Anna Karenina principle to animal microbiomes. Nature Microbiology, 2017, 2, 17121. | 13.3 | 661 |
| 3 | Metagenomic analysis of stressed coral holobionts. Environmental Microbiology, 2009, 11, 2148-2163. | 3.8 | 551 |
| 4 | Viruses manipulate the marine environment. Nature, 2009, 459, 207-212. | 27.8 | 549 |
| 5 | Laboratory procedures to generate viral metagenomes. Nature Protocols, 2009, 4, 470-483. | 12.0 | 530 |
| 6 | Overfishing and nutrient pollution interact with temperature to disrupt coral reefs down to microbial scales. Nature Communications, 2016, 7, 11833. | 12.8 | 417 |
| 7 | Minimum Information about an Uncultivated Virus Genome (MIUViG). Nature Biotechnology, 2019, 37, 29-37. | 17.5 | 414 |
| 8 | Viral and microbial community dynamics in four aquatic environments. ISME Journal, 2010, 4, 739-751. | 9.8 | 387 |
| 9 | Microbial Ecology of Four Coral Atolls in the Northern Line Islands. PLoS ONE, 2008, 3, e1584. | 2.5 | 383 |
| 10 | Rapid adaptive responses to climate change in corals. Nature Climate Change, 2017, 7, 627-636. | 18.8 | 327 |
| 11 | Coral-associated bacteria demonstrate phylosymbiosis and cophylogeny. Nature Communications, 2018, 9, 4921. | 12.8 | 264 |
| 12 | Biodiversity and biogeography of phages in modern stromatolites and thrombolites. Nature, 2008, 452, 340-343. | 27.8 | 251 |
| 13 | The future of coral reefs: a microbial perspective. Trends in Ecology and Evolution, 2010, 25, 233-240. | 8.7 | 242 |
| 14 | Metagenomic analysis indicates that stressors induce production of herpes-like viruses in the coral Porites compressa. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18413-18418. | 7.1 | 205 |
| 15 | Metagenomic signatures of 86 microbial and viral metagenomes. Environmental Microbiology, 2009, 11, 1752-1766. | 3.8 | 156 |
| 16 | Sewage pollution: mitigation is key for coral reef stewardship. Annals of the New York Academy of Sciences, 2015, 1355, 15-30. | 3.8 | 150 |
| 17 | Virusâ€“host interactions and their roles in coral reef health and disease. Nature Reviews Microbiology, 2017, 15, 205-216. | 28.6 | 144 |
| 18 | Survival and settlement success of coral planulae: independent and synergistic effects of macroalgae and microbes. Oecologia, 2009, 159, 325-336. | 2.0 | 125 |

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|---|---|---|---|
| 19 | Macroalgae Decrease Growth and Alter Microbial Community Structure of the Reef-Building Coral, Porites astreoides. PLoS ONE, 2012, 7, e44246. | 2.5 | 113 |
| 20 | Host-associated microbiomes drive structure and function of marine ecosystems. PLoS Biology, 2019, 17, e3000533. | 5.6 | 103 |
| 21 | Potential role of viruses in white plague coral disease. ISME Journal, 2014, 8, 271-283. | 9.8 | 101 |
| 22 | 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 |
| 23 | Phageâ€“bacteria network analysis and its implication for the understanding of coral disease. Environmental Microbiology, 2015, 17, 1203-1218. | 3.8 | 84 |
| 24 | Phylogenetic, genomic, and biogeographic characterization of a novel and ubiquitous marine invertebrate-associated Rickettsiales parasite, Candidatus Aquarickettsia rohweri, gen. nov., sp. nov. ISME Journal, 2019, 13, 2938-2953. | 9.8 | 82 |
| 25 | Current insights into phage biodiversity and biogeography. Current Opinion in Microbiology, 2009, 12, 582-587. | 5.1 | 81 |
| 26 | Bacterial predation in a marine host-associated microbiome. ISME Journal, 2016, 10, 1540-1544. | 9.8 | 77 |
| 27 | 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 |
| 28 | Increasing comparability among coral bleaching experiments. Ecological Applications, 2021, 31, e02262. | 3.8 | 68 |
| 29 | Multiple stressors interact primarily through antagonism to drive changes in the coral microbiome. Scientific Reports, 2019, 9, 6834. | 3.3 | 64 |
| 30 | Deciphering Coral Disease Dynamics: Integrating Host, Microbiome, and the Changing Environment. Frontiers in Ecology and Evolution, 2020, 8, . | 2.2 | 58 |
| 31 | 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 |
| 32 | Coralâ€bleaching responses to climate change across biological scales. Global Change Biology, 2022, 28, 4229-4250. | 9.5 | 44 |
| 33 | Apoptosis in early development of the sea urchin, Strongylocentrotus purpuratus. Developmental Biology, 2007, 303, 336-346. | 2.0 | 37 |
| 34 | A novel sister clade to the enterobacteria microviruses (family) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (<scp>M</scp>ic Microbiology, 2015, 17, 3708-3721. | 3.8 | 37 |
| 35 | 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 |
| 36 | Increased diversity and concordant shifts in community structure of coralâ€associated Symbiodiniaceae and bacteria subjected to chronic human disturbance. Molecular Ecology, 2020, 29, 2477-2491. | 3.9 | 26 |

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| 37 | 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 |
| 38 | The coral symbiont Candidatus Aquarickettsia is variably abundant in threatened Caribbean acroporids and transmitted horizontally. ISME Journal, 2022, 16, 400-411. | 9.8 | 21 |
| 39 | Different nitrogen sources speed recovery from corallivory and uniquely alter the microbiome of a reef-building coral. PeerJ, 2019, 7, e8056. | 2.0 | 20 |
| 40 | Natural experiments and long-term monitoring are critical to understand and predict marine hostâ€“microbe ecology and evolution. PLoS Biology, 2021, 19, e3001322. | 5.6 | 17 |
| 41 | Surgeonfish feces increase microbial opportunism in reef-building corals. Marine Ecology - Progress Series, 2019, 631, 81-97. | 1.9 | 17 |
| 42 | Coral Bleaching Phenotypes Associated With Differential Abundances of Nucleocytoplasmic Large DNA Viruses. Frontiers in Marine Science, 2020, 7, . | 2.5 | 16 |
| 43 | 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 |
| 44 | Nutrient Pollution and Predation Differentially Affect Innate Immune Pathways in the Coral Porites porites. Frontiers in Marine Science, 2020, 7, . | 2.5 | 13 |
| 45 | 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 |
| 46 | Tara Pacific Expeditionâ€™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 |
| 47 | Chronic low-level nutrient enrichment benefits coral thermal performance in a fore reef habitat. Coral Reefs, 2021, 40, 1637-1655. | 2.2 | 9 |
| 48 | Brain Meta-Transcriptomics from Harbor Seals to Infer the Role of the Microbiome and Virome in a Stranding Event. PLoS ONE, 2015, 10, e0143944. | 2.5 | 9 |
| 49 | The Long Arm of Species Loss: How Will Defaunation Disrupt Ecosystems Down to the Microbial Scale?. BioScience, 2019, 69, 443-454. | 4.9 | 8 |
| 50 | 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 |
| 51 | 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 |
| 52 | A review of coral bleaching specimen collection, preservation, and laboratory processing methods. PeerJ, 2021, 9, e11763. | 2.0 | 6 |
| 53 | Bacterial Predators in Host Microbiomes. Microbe Magazine, 2016, 11, 61-67. | 0.4 | 2 |
| 54 | 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 |

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|---|---|---|---|
| 55 | Draft Genome Sequence of Phocine Herpesvirus 1 Isolated from the Brain of a Harbor Seal. Microbiology Resource Announcements, 2019, 8, . | 0.6 | 0 |
| 56 | Viral discovery in the â€˜realmâ€™ of <scp>COVID</scp>â€19. Environmental Microbiology Reports, 2021, 13, 62-67. | 2.4 | 0 |
| 57 | Marine Aerosols: Measurements by the Tara Pacific Expedition. Bulletin of the American Meteorological Society, 2020, 101, 499-504. | 3.3 | 0 |