

# Robert W Thacker

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,702  
citations

331259

21  
h-index

344852

36  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2964  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity, structure and convergent evolution of the global sponge microbiome. <i>Nature Communications</i> , 2016, 7, 11870.	5.8	594
2	The sponge microbiome project. <i>GigaScience</i> , 2017, 6, 1-7.	3.3	193
3	Finding Our Way through Phenotypes. <i>PLoS Biology</i> , 2015, 13, e1002033.	2.6	178
4	Phylogenetic signal in the community structure of host-specific microbiomes of tropical marine sponges. <i>Frontiers in Microbiology</i> , 2014, 5, 532.	1.5	174
5	Complex interactions between marine sponges and their symbiotic microbial communities. <i>Limnology and Oceanography</i> , 2011, 56, 1577-1586.	1.6	141
6	Benthic cyanobacterial bloom impacts the reefs of South Florida (Broward County, USA). <i>Coral Reefs</i> , 2005, 24, 693-697.	0.9	126
7	Sponge "Microbe Symbioses. <i>Advances in Marine Biology</i> , 2012, 62, 57-111.	0.7	117
8	Impacts of Shading on Sponge-Cyanobacteria Symbioses: A Comparison between Host-Specific and Generalist Associations. <i>Integrative and Comparative Biology</i> , 2005, 45, 369-376.	0.9	111
9	Host-associated microbiomes drive structure and function of marine ecosystems. <i>PLoS Biology</i> , 2019, 17, e3000533.	2.6	103
10	Incidence and identity of photosynthetic symbionts in Caribbean coral reef sponge assemblages. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1683-1692.	0.4	99
11	Identification of the cellular site of polychlorinated peptide biosynthesis in the marine sponge <i>Dysidea</i> (Lamellodysidea) herbacea and symbiotic cyanobacterium <i>Oscillatoria spongelliae</i> by CARD-FISH analysis. <i>Marine Biology</i> , 2005, 147, 761-774.	0.7	98
12	Soaking it up: the complex lives of marine sponges and their microbial associates. <i>ISME Journal</i> , 2007, 1, 187-190.	4.4	86
13	Quality or quantity: is nutrient transfer driven more by symbiont identity and productivity than by symbiont abundance?. <i>ISME Journal</i> , 2013, 7, 1116-1125.	4.4	84
14	Nearly Complete 28S rRNA Gene Sequences Confirm New Hypotheses of Sponge Evolution. <i>Integrative and Comparative Biology</i> , 2013, 53, 373-387.	0.9	68
15	Productivity links morphology, symbiont specificity and bleaching in the evolution of Caribbean octocoral symbioses. <i>ISME Journal</i> , 2015, 9, 2620-2629.	4.4	67
16	Morphological, Chemical, and Genetic Diversity of Tropical Marine Cyanobacteria <i>Lyngbya</i> spp. and <i>Symploca</i> spp. (Oscillatoriales). <i>Applied and Environmental Microbiology</i> , 2004, 70, 3305-3312.	1.4	54
17	Molecular community profiling reveals impacts of time, space, and disease status on the bacterial community associated with the Caribbean sponge <i>Aplysina cauliformis</i> . <i>FEMS Microbiology Ecology</i> , 2014, 87, 268-279.	1.3	52
18	Evolutionary Insights from Sponges. <i>Science</i> , 2007, 316, 1854-1855.	6.0	47

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19	Amphipod herbivory on the freshwater cyanobacterium <i>Lyngbya wollei</i> : Chemical stimulants and morphological defenses. <i>Limnology and Oceanography</i> , 2006, 51, 1870-1875.	1.6	44
20	Host population genetics and biogeography structure the microbiome of the sponge <i>Cliona delitrix</i> . <i>Ecology and Evolution</i> , 2020, 10, 2007-2020.	0.8	41
21	Variability in chemical defense across a shallow to mesophotic depth gradient in the Caribbean sponge <i>Plakortis angulospiculatus</i> . <i>Coral Reefs</i> , 2016, 35, 11-22.	0.9	32
22	Microbial symbionts and ecological divergence of Caribbean sponges: A new perspective on an ancient association. <i>ISME Journal</i> , 2020, 14, 1571-1583.	4.4	26
23	Phototactic responses of larvae from the marine sponges <i>Neopetrosia proxima</i> and <i>Xestospongia bocatorensis</i> (Haplosclerida: Petrosiidae). <i>Invertebrate Biology</i> , 2010, 129, 121-128.	0.3	24
24	Variation in species diversity and functional traits of sponge communities near human populations in Bocas del Toro, Panama. <i>PeerJ</i> , 2015, 3, e1385.	0.9	21
25	Trade-Offs in Defensive Metabolite Production But Not Ecological Function in Healthy and Diseased Sponges. <i>Journal of Chemical Ecology</i> , 2012, 38, 451-462.	0.9	20
26	How a collaborative integrated taxonomic effort has trained new spongiologists and improved knowledge of Martinique Island (French Antilles, eastern Caribbean Sea) marine biodiversity. <i>PLoS ONE</i> , 2017, 12, e0173859.	1.1	19
27	Exploring Individual- to Population-Level Impacts of Disease on Coral Reef Sponges: Using Spatial Analysis to Assess the Fate, Dynamics, and Transmission of <i>Aplysina</i> Red Band Syndrome (ARBS). <i>PLoS ONE</i> , 2013, 8, e79976.	1.1	16
28	The Porifera Ontology (PORO): enhancing sponge systematics with an anatomy ontology. <i>Journal of Biomedical Semantics</i> , 2014, 5, 39.	0.9	12
29	Preliminary Assessment of Sponge Biodiversity on Saba Bank, Netherlands Antilles. <i>PLoS ONE</i> , 2010, 5, e9622.	1.1	12
30	Predator cues alter habitat use by the amphipod <i>Hyalella azteca</i> (Saussure). <i>Freshwater Science</i> , 2013, 32, 1148-1154.	0.9	11
31	Sponge-Microbe Interactions on Coral Reefs: Multiple Evolutionary Solutions to a Complex Environment. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	11
32	The Relationship Between Microbiomes and Selective Regimes in the Sponge Genus <i>Ircinia</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 607289.	1.5	6
33	<i>Vansoestia caribensis</i> gen. nov., sp. nov.: first report of the family lanthellidae (Verongida, Demospongiae) in the Caribbean. <i>Zootaxa</i> , 2015, 3956, 403.	0.2	4
34	TaxaGloss - A Glossary and Translation Tool for Biodiversity Studies. <i>Biodiversity Data Journal</i> , 2016, 4, e10732.	0.4	2
35	New shallow water species of Caribbean <i>Ircinia</i> Nardo, 1833 (Porifera: Irciniidae). <i>Zootaxa</i> , 2021, 5072, 301-323.	0.2	2