Elisha M Wood-Charlson

List of Publications by Year
in descending order

33	1,872	430874	361022
papers	citations	18 h-index	35 g-index

41	41	41	2314
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A genomic catalog of Earthâ€™s microbiomes. Nature Biotechnology, 2021, 39, 499-509.	17.5	457
2	Planet Microbe: a platform for marine microbiology to discover and analyze interconnected â€˜omics and environmental data. Nucleic Acids Research, 2021, 49, D792-D802.	14.5	14
3	The ModelSEED Biochemistry Database for the integration of metabolic annotations and the reconstruction, comparison and analysis of metabolic models for plants, fungi and microbes. Nucleic Acids Research, 2021, 49, D575-D588.	14.5	119
4	Microbiome Metadata Standards: Report of the National Microbiome Data Collaborativeâ€™s Workshop and Follow-On Activities. MSystems, 2021, 6, .	3.8	28
5	Bioinformatic Teaching Resources â€“ For Educators, by Educators â€“ Using KBase, a Free, User-Friendly, Open Source Platform. Frontiers in Education, 2021, 6, .	2.1	4
6	Ontology-Enriched Specifications Enabling Findable, Accessible, Interoperable, and Reusable Marine Metagenomic Datasets in Cyberinfrastructure Systems. Frontiers in Microbiology, 2021, 12, 765268.	3.5	3
7	iVirus 2.0: Cyberinfrastructure-supported tools and data to power DNA virus ecology. ISME Communications, 2021, 1, .	4.2	13
8	The National Microbiome Data Collaborative: enabling microbiome science. Nature Reviews Microbiology, 2020, 18, 313-314.	28.6	42
9	iMicrobe: Tools and data-driven discovery platform for the microbiome sciences. GigaScience, 2019, 8, .	6.4	24
10	Thermal stress modifies the marine sponge virome. Environmental Microbiology Reports, 2019, 11, 690-698.	2.4	13
11	Novel T4 bacteriophages associated with black band disease in corals. Environmental Microbiology, 2019, 21, 1969-1979.	3.8	13
12	Reef invertebrate viromics: diversity, host specificity and functional capacity. Environmental Microbiology, 2018, 20, 2125-2141.	3.8	41
13	Prevalent and persistent viral infection in cultures of the coral algal endosymbiont Symbiodinium. Coral Reefs, 2017, 36, 773-784.	2.2	36
14	Diel cycling and long-term persistence of viruses in the oceanâ€™s euphotic zone. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11446-11451.	7.1	116
15	Implication of the host TGFÎ² pathway in the onset of symbiosis between larvae of the coral Fungia scutaria and the dinoflagellate Symbiodinium sp. (clade C1f). Coral Reefs, 2017, 36, 1263-1268.	2.2	19
16	The ASLO Storytellers Series Connecting with Our Keiki (Hawaiian for â€œChildrenâ€). Limnology and Oceanography Bulletin, 2017, 26, 92-93.	0.4	0
17	Coral-associated viral communities show high levels of diversity and host auxiliary functions. PeerJ, 2017, 5, e4054.	2.0	34
18	HoloVir: A Workflow for Investigating the Diversity and Function of Viruses in Invertebrate Holobionts. Frontiers in Microbiology, 2016, 7, 822.	3.5	49

#	Article	IF	Citations
19	CRISPR-Cas Defense System and Potential Prophages in Cyanobacteria Associated with the Coral Black Band Disease. Frontiers in Microbiology, 2016, 7, 2077.	3.5	13
20	A Shifting Tide: Recommendations for Incorporating Science Communication into Graduate Training. Limnology and Oceanography Bulletin, 2016, 25, 109-116.	0.4	13
21	Summer Bridge Program Establishes Nascent Pipeline to Expand and Diversify Hawaiâ€¯iâ€™s Undergraduate Geoscience EnÂrollment. Oceanography, 2016, 29, .	1.0	5
22	Translating Science into Stories. Limnology and Oceanography Bulletin, 2015, 24, 73-76.	0.4	6
23	Metagenomic characterization of viral communities in corals: mining biological signal from methodological noise. Environmental Microbiology, 2015, 17, 3440-3449.	3.8	75
24	Generating viral metagenomes from the coral holobiont. Frontiers in Microbiology, 2014, 5, 206.	3.5	54
25	The Characterization of RNA Viruses in Tropical Seawater Using Targeted PCR and Metagenomics. MBio, 2014, 5, e01210-14.	4.1	69
26	Abundance and morphology of virus-like particles associated with the coral Acropora hyacinthus differ between healthy and white syndrome-infected states. Marine Ecology - Progress Series, 2014, 510, 39-43.	1.9	26
27	Marine Symbioses: Metazoans and Microbes. , 2013, , 116-126.		1
28	Marine Viruses. , 2013, , 127-144.		4
29	Are we missing half of the viruses in the ocean?. ISME Journal, 2013, 7, 672-679.	9.8	164
30	Immunocytochemical evidence that symbiotic algae secrete potential recognition signal molecules in hospite. Marine Biology, 2010, 157, 1105-1111.	1.5	23
31	The diversity of C-type lectins in the genome of a basal metazoan, Nematostella vectensis. Developmental and Comparative Immunology, 2009, 33, 881-889.	2.3	54
32	Lectin/glycan interactions play a role in recognition in a coral/dinoflagellate symbiosis. Cellular Microbiology, 2006, 8, 1985-1993.	2.1	194
33	Temporal and spatial infection dynamics indicate recognition events in the early hours of a dinoflagellate/coral symbiosis. Marine Biology, 2006, 149, 713-719.	1.5	82