Sheree Yau

List of Publications by Year
in descending order

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25 papers	1,354 citations	623734 14 h-index	580821 25 g-index
32 all docs	32 docs citations	32 times ranked	2150 citing authors

#	Article	IF	Citations
1	Diversity and Evolution of Mamiellophyceae: Early-Diverging Phytoplanktonic Green Algae Containing Many Cosmopolitan Species. Journal of Marine Science and Engineering, 2022, 10, 240.	2.6	4
2	Combining Nanopore and Illumina Sequencing Permits Detailed Analysis of Insertion Mutations and Structural Variations Produced by PEG-Mediated Transformation in Ostreococcus tauri. Cells, 2021, 10, 664.	4.1	3
3	Seasonal dynamics of natural Ostreococcus viral infection at the single cell level using <scp>VirusFISH</scp>. Environmental Microbiology, 2021, 23, 3009-3019.	3.8	10
4	Mantoniella beaufortii and Mantoniella baffinensis sp. nov. (Mamiellales,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (M Phycology, 2020, 56, 37-51.	2.3	14
5	Visualization of Viral Infection Dynamics in a Unicellular Eukaryote and Quantification of Viral Production Using Virus Fluorescence in situ Hybridization. Frontiers in Microbiology, 2020, 11, 1559.	3.5	16
6	Virus-host coexistence in phytoplankton through the genomic lens. Science Advances, 2020, 6, eaay2587.	10.3	30
7	Seasonal Dynamics of Algae-Infecting Viruses and Their Inferred Interactions with Protists. Viruses, 2019, 11, 1043.	3.3	10
8	Simplified Transformation of Ostreococcus tauri Using Polyethylene Glycol. Genes, 2019, 10, 399.	2.4	14
9	Communityâ€Level Responses to Iron Availability in Open Ocean Plankton Ecosystems. Global Biogeochemical Cycles, 2019, 33, 391-419.	4.9	76
10	Viruses of Polar Aquatic Environments. Viruses, 2019, 11, 189.	3.3	29
11	Prasinovirus Attack of Ostreococcus Is Furtive by Day but Savage by Night. Journal of Virology, 2018, 92, .	3.4	42
12	Rapidity of Genomic Adaptations to Prasinovirus Infection in a Marine Microalga. Viruses, 2018, 10, 441.	3.3	10
13	Genome Analyses of the Microalga Picochlorum Provide Insights into the Evolution of Thermotolerance in the Green Lineage. Genome Biology and Evolution, 2018, 10, 2347-2365.	2.5	36
14	Population genomics of picophytoplankton unveils novel chromosome hypervariability. Science Advances, 2017, 3, e1700239.	10.3	73
15	A Viral Immunity Chromosome in the Marine Picoeukaryote, Ostreococcus tauri. PLoS Pathogens, 2016, 12, e1005965.	4.7	38
16	Molecular ecology of Mamiellales and their viruses in the marine environment. Perspectives in Phycology, 2015, 2, 83-89.	1.9	5
17	Metagenomic insights into strategies of carbon conservation and unusual sulfur biogeochemistry in a hypersaline Antarctic lake. ISME Journal, 2013, 7, 1944-1961.	9.8	75
18	Key microbial drivers in Antarctic aquatic environments. FEMS Microbiology Reviews, 2013, 37, 303-335.	8.6	144

#	Article	IF	Citations
19	Psychrophiles. Annual Review of Earth and Planetary Sciences, 2013, 41, 87-115.	11.0	121
20	Untangling the multiple monooxygenases of Mycobacterium chubuense strain NBB4, a versatile hydrocarbon degrader. Environmental Microbiology Reports, 2011, 3, 297-307.	2.4	51
21	An integrative study of a meromictic lake ecosystem in Antarctica. ISME Journal, 2011, 5, 879-895.	9.8	204
22	Virophage control of antarctic algal hostâ€“virus dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6163-6168.	7.1	252
23	Simple high-throughput annotation pipeline (SHAP). Bioinformatics, 2011, 27, 2431-2432.	4.1	3
24	Microbial communities in Antarctic lakes: Entirely new perspectives from metagenomics and metaproteomics. Microbiology Australia, 2011, 32, 157.	0.4	3
25	RSF1010-Like Plasmids in AustralianSalmonella entericaSerovar Typhimurium and Origin of Theirsul2-strA-strBAntibiotic Resistance Gene Cluster. Microbial Drug Resistance, 2010, 16, 249-252.	2.0	83