

# Sheree Yau

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8080393/publications.pdf>

Version: 2024-02-01

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	Virophage control of antarctic algal host-virus dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6163-6168.	7.1	252
2	An integrative study of a meromictic lake ecosystem in Antarctica. ISME Journal, 2011, 5, 879-895.	9.8	204
3	Key microbial drivers in Antarctic aquatic environments. FEMS Microbiology Reviews, 2013, 37, 303-335.	8.6	144
4	Psychrophiles. Annual Review of Earth and Planetary Sciences, 2013, 41, 87-115.	11.0	121
5	RSF1010-Like Plasmids in Australian Salmonella enterica Serovar Typhimurium and Origin of Their sul2-strA-strB Antibiotic Resistance Gene Cluster. Microbial Drug Resistance, 2010, 16, 249-252.	2.0	83
6	Community-Level Responses to Iron Availability in Open Ocean Plankton Ecosystems. Global Biogeochemical Cycles, 2019, 33, 391-419.	4.9	76
7	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
8	Population genomics of picophytoplankton unveils novel chromosome hypervariability. Science Advances, 2017, 3, e1700239.	10.3	73
9	Untangling the multiple monooxygenases of <i>Mycobacterium chubuense</i> strain NBB4, a versatile hydrocarbon degrader. Environmental Microbiology Reports, 2011, 3, 297-307.	2.4	51
10	Prasinovirus Attack of <i>Ostreococcus</i> Is Furtive by Day but Savage by Night. Journal of Virology, 2018, 92, .	3.4	42
11	A Viral Immunity Chromosome in the Marine Picoeukaryote, <i>Ostreococcus tauri</i> . PLoS Pathogens, 2016, 12, e1005965.	4.7	38
12	Genome Analyses of the Microalga <i>Picochlorum</i> Provide Insights into the Evolution of Thermotolerance in the Green Lineage. Genome Biology and Evolution, 2018, 10, 2347-2365.	2.5	36
13	Virus-host coexistence in phytoplankton through the genomic lens. Science Advances, 2020, 6, eaay2587.	10.3	30
14	Viruses of Polar Aquatic Environments. Viruses, 2019, 11, 189.	3.3	29
15	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
16	Simplified Transformation of <i>Ostreococcus tauri</i> Using Polyethylene Glycol. Genes, 2019, 10, 399.	2.4	14
17	<i>Mantoniella beaufortii</i> and <i>Mantoniella baffinensis</i> sp. nov. (Mamiellales), Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Phycology, 2020, 56, 37-51.	2.3	14
18	Rapidity of Genomic Adaptations to Prasinovirus Infection in a Marine Microalga. Viruses, 2018, 10, 441.	3.3	10

#	ARTICLE	IF	CITATIONS
19	Seasonal Dynamics of Algae-Infecting Viruses and Their Inferred Interactions with Protists. <i>Viruses</i> , 2019, 11, 1043.	3.3	10
20	Seasonal dynamics of natural <i>Ostreococcus</i> viral infection at the single cell level using <i>VirusFISH</i> . <i>Environmental Microbiology</i> , 2021, 23, 3009-3019.	3.8	10
21	Molecular ecology of Mamiellales and their viruses in the marine environment. <i>Perspectives in Phycology</i> , 2015, 2, 83-89.	1.9	5
22	Diversity and Evolution of Mamiellophyceae: Early-Diverging Phytoplanktonic Green Algae Containing Many Cosmopolitan Species. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 240.	2.6	4
23	Simple high-throughput annotation pipeline (SHAP). <i>Bioinformatics</i> , 2011, 27, 2431-2432.	4.1	3
24	Combining Nanopore and Illumina Sequencing Permits Detailed Analysis of Insertion Mutations and Structural Variations Produced by PEG-Mediated Transformation in <i>Ostreococcus tauri</i> . <i>Cells</i> , 2021, 10, 664.	4.1	3
25	Microbial communities in Antarctic lakes: Entirely new perspectives from metagenomics and metaproteomics. <i>Microbiology Australia</i> , 2011, 32, 157.	0.4	3