

# Katherine H Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10943942/publications.pdf>

Version: 2024-02-01

13  
papers

2,442  
citations

687363

13  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

3367  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicrobesOnline: an integrated portal for comparative and functional genomics. <i>Nucleic Acids Research</i> , 2010, 38, D396-D400.	14.5	408
2	Phage auxiliary metabolic genes and the redirection of cyanobacterial host carbon metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E757-64.	7.1	394
3	Genomic analysis of oceanic cyanobacterial myoviruses compared with T4-like myoviruses from diverse hosts and environments. <i>Environmental Microbiology</i> , 2010, 12, 3035-3056.	3.8	318
4	A novel method for accurate operon predictions in all sequenced prokaryotes. <i>Nucleic Acids Research</i> , 2005, 33, 880-892.	14.5	316
5	SARS-CoV-2 RNA concentrations in wastewater foreshadow dynamics and clinical presentation of new COVID-19 cases. <i>Science of the Total Environment</i> , 2022, 805, 150121.	8.0	192
6	The MicrobesOnline Web site for comparative genomics. <i>Genome Research</i> , 2005, 15, 1015-1022.	5.5	176
7	Operon formation is driven by co-regulation and not by horizontal gene transfer. <i>Genome Research</i> , 2005, 15, 809-819.	5.5	131
8	Wastewater surveillance of SARS-CoV-2 across 40 U.S. states from February to June 2020. <i>Water Research</i> , 2021, 202, 117400.	11.3	119
9	Ecology of uncultured <i>Prochlorococcus</i> clades revealed through single-cell genomics and biogeographic analysis. <i>ISME Journal</i> , 2013, 7, 184-198.	9.8	105
10	Energetic Consequences of Nitrite Stress in <i>Desulfovibrio vulgaris</i> Hildenborough, Inferred from Global Transcriptional Analysis. <i>Applied and Environmental Microbiology</i> , 2006, 72, 4370-4381.	3.1	92
11	Analysis of a Ferric Uptake Regulator (Fur) Mutant of <i>Desulfovibrio vulgaris</i> Hildenborough. <i>Applied and Environmental Microbiology</i> , 2007, 73, 5389-5400.	3.1	70
12	Genetic diversity in cultured and wild marine cyanomyoviruses reveals phosphorus stress as a strong selective agent. <i>ISME Journal</i> , 2013, 7, 1827-1841.	9.8	67
13	ProPortal: a resource for integrated systems biology of <i>Prochlorococcus</i> and its phage. <i>Nucleic Acids Research</i> , 2012, 40, D632-D640.	14.5	33