

Sophie Mazard

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,118
citations

623188

14
h-index

794141

19
g-index

20
all docs

20
docs citations

20
times ranked

2390
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecological Genomics of Marine Picocyanobacteria. <i>Microbiology and Molecular Biology Reviews</i> , 2009, 73, 249-299.	2.9	642
2	Global phylogeography of marine <i>Synechococcus</i> and <i>Prochlorococcus</i> reveals a distinct partitioning of lineages among oceanic biomes. <i>Environmental Microbiology</i> , 2008, 10, 147-161.	1.8	398
3	Unravelling the genomic mosaic of a ubiquitous genus of marine cyanobacteria. <i>Genome Biology</i> , 2008, 9, R90.	13.9	288
4	Multi-locus sequence analysis, taxonomic resolution and biogeography of marine <i>Synechococcus</i> . <i>Environmental Microbiology</i> , 2012, 14, 372-386.	1.8	123
5	Tiny Microbes with a Big Impact: The Role of Cyanobacteria and Their Metabolites in Shaping Our Future. <i>Marine Drugs</i> , 2016, 14, 97.	2.2	101
6	PCR Analysis of the Distribution of Unicellular Cyanobacterial Diazotrophs in the Arabian Sea. <i>Applied and Environmental Microbiology</i> , 2004, 70, 7355-7364.	1.4	97
7	Is the distribution of <i>Prochlorococcus</i> and <i>Synechococcus</i> ecotypes in the Mediterranean Sea affected by global warming?. <i>Biogeosciences</i> , 2011, 8, 2785-2804.	1.3	92
8	Functional Characterization of <i>Synechocystis</i> sp. Strain PCC 6803 <i>pst1</i> and <i>pst2</i> Gene Clusters Reveals a Novel Strategy for Phosphate Uptake in a Freshwater Cyanobacterium. <i>Journal of Bacteriology</i> , 2010, 192, 3512-3523.	1.0	81
9	High vertical and low horizontal diversity of <i>Prochlorococcus</i> ecotypes in the Mediterranean Sea in summer. <i>FEMS Microbiology Ecology</i> , 2007, 60, 189-206.	1.3	67
10	Bacterial SBP56 identified as a Cu-dependent methanethiol oxidase widely distributed in the biosphere. <i>ISME Journal</i> , 2018, 12, 145-160.	4.4	62
11	<i>PtrA</i> is required for coordinate regulation of gene expression during phosphate stress in a marine <i>Synechococcus</i> . <i>ISME Journal</i> , 2010, 4, 908-921.	4.4	42
12	Effects of low temperature on tropical and temperate isolates of marine <i>Synechococcus</i> . <i>ISME Journal</i> , 2016, 10, 1252-1263.	4.4	36
13	DISSECTING THE PHYSIOLOGICAL RESPONSE TO PHOSPHORUS STRESS IN MARINE <i>SYNECHOCOCCUS</i> ISOLATES (CYANOPHYCEAE). <i>Journal of Phycology</i> , 2012, 48, 94-105.	1.0	31
14	Development of a targeted metagenomic approach to study a genomic region involved in light harvesting in marine <i>Synechococcus</i> . <i>FEMS Microbiology Ecology</i> , 2014, 88, 231-249.	1.3	21
15	Stormwater influences phytoplankton assemblages within the diverse, but impacted Sydney Harbour estuary. <i>PLoS ONE</i> , 2018, 13, e0209857.	1.1	12
16	Unicellular Cyanobacteria Are Important Components of Phytoplankton Communities in Australia's Northern Oceanic Ecoregions. <i>Frontiers in Microbiology</i> , 2018, 9, 3356.	1.5	12
17	Stable Isotope Probing to Study Functional Components of Complex Microbial Ecosystems. <i>Methods in Molecular Biology</i> , 2014, 1096, 169-180.	0.4	4
18	Targeted Genomics of Flow Cytometrically Sorted Cultured and Uncultured Microbial Groups. <i>Methods in Molecular Biology</i> , 2014, 1096, 203-212.	0.4	4

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19	A Sample-to-Sequence Protocol for Genus Targeted Transcriptomic Profiling: Application to Marine <i>Synechococcus</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1592.	1.5	1