

Chang Jae Choi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2793020/publications.pdf>

Version: 2024-02-01

15
papers

2,043
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

3096
citing authors

#	ARTICLE	IF	CITATIONS
1	The Phaeodactylum genome reveals the evolutionary history of diatom genomes. <i>Nature</i> , 2008, 456, 239-244.	27.8	1,458
2	A distinct lineage of giant viruses brings a rhodopsin photosystem to unicellular marine predators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20574-20583.	7.1	120
3	Small phytoplankton dominate western North Atlantic biomass. <i>ISME Journal</i> , 2020, 14, 1663-1674.	9.8	74
4	Rapid effects of diverse toxic water pollutants on chlorophyll a fluorescence: Variable responses among freshwater microalgae. <i>Water Research</i> , 2012, 46, 2615-2626.	11.3	71
5	Classification and Nomenclature of Metacaspases and Paracaspases: No More Confusion with Caspases. <i>Molecular Cell</i> , 2020, 77, 927-929.	9.7	71
6	Contrasting Mixotrophic Lifestyles Reveal Different Ecological Niches in Two Closely Related Marine Protists. <i>Journal of Phycology</i> , 2020, 56, 52-67.	2.3	41
7	Quantitative biogeography of picoprasinophytes establishes ecotype distributions and significant contributions to marine phytoplankton. <i>Environmental Microbiology</i> , 2017, 19, 3219-3234.	3.8	38
8	Newly discovered deep-branching marine plastid lineages are numerically rare but globally distributed. <i>Current Biology</i> , 2017, 27, R15-R16.	3.9	35
9	Seasonality of the Microbial Community Composition in the North Atlantic. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	32
10	Insights into the loss factors of phytoplankton blooms: The role of cell mortality in the decline of two inshore <i>Alexandrium</i> blooms. <i>Limnology and Oceanography</i> , 2017, 62, 1742-1753.	3.1	30
11	Specialized proteomic responses and an ancient photoprotection mechanism sustain marine green algal growth during phosphate limitation. <i>Nature Microbiology</i> , 2018, 3, 781-790.	13.3	26
12	Seasonal and Geographical Transitions in Eukaryotic Phytoplankton Community Structure in the Atlantic and Pacific Oceans. <i>Frontiers in Microbiology</i> , 2020, 11, 542372.	3.5	22
13	Selective Uptake of Pelagic Microbial Community Members by Caribbean Reef Corals. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	10
14	Viruses infecting a warm water picoeukaryote shed light on spatial co-occurrence dynamics of marine viruses and their hosts. <i>ISME Journal</i> , 2021, 15, 3129-3147.	9.8	10
15	Effects of intensity and seasonal timing of disturbances on a rocky intertidal benthic community on the southern coast of Korea. <i>Ecological Research</i> , 2014, 29, 421-431.	1.5	5