

Ryudo Ohbayashi

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Acidophilic green algal genome provides insights into adaptation to an acidic environment. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8304-E8313.	7.1	93
2	Light-dependent and asynchronous replication of cyanobacterial multi-copy chromosomes. Molecular Microbiology, 2012, 83, 856-865.	2.5	68
3	A tightly inducible riboswitch system in <i>Synechocystis</i> sp. PCC 6803. Journal of General and Applied Microbiology, 2016, 62, 154-159.	0.7	45
4	Intensive DNA Replication and Metabolism during the Lag Phase in Cyanobacteria. PLoS ONE, 2015, 10, e0136800.	2.5	44
5	Diversification of DnaA dependency for DNA replication in cyanobacterial evolution. ISME Journal, 2016, 10, 1113-1121.	9.8	39
6	Coordination of Polyploid Chromosome Replication with Cell Size and Growth in a Cyanobacterium. MBio, 2019, 10, .	4.1	37
7	DNA replication depends on photosynthetic electron transport in cyanobacteria. FEMS Microbiology Letters, 2013, 344, 138-144.	1.8	19
8	Development of a Double Nuclear Gene-Targeting Method by Two-Step Transformation Based on a Newly Established Chloramphenicol-Selection System in the Red Alga <i>Cyanidioschyzon merolae</i> . Frontiers in Plant Science, 2017, 8, 343.	3.6	19
9	Relationship between Cell Cycle and Diel Transcriptomic Changes in Metabolism in a Unicellular Red Alga. Plant Physiology, 2020, 183, 1484-1501.	4.8	17
10	Evolutionary Changes in DnaA-Dependent Chromosomal Replication in Cyanobacteria. Frontiers in Microbiology, 2020, 11, 786.	3.5	12
11	Variety of DNA Replication Activity Among Cyanobacteria Correlates with Distinct Respiration Activity in the Dark. Plant and Cell Physiology, 2016, 58, pcw186.	3.1	8
12	ParA-like protein influences the distribution of multi-copy chromosomes in cyanobacterium <i>Synechococcus elongatus</i> PCC 7942. Microbiology (United Kingdom), 2018, 164, 45-56.	1.8	6
13	Specific binding of DnaA to the DnaA box motif in the cyanobacterium <i>Synechococcus elongatus</i> PCC 7942. Journal of General and Applied Microbiology, 2020, 66, 80-84.	0.7	1
14	Direct Visualization of the Multicopy Chromosomes in Cyanobacterium <i>Synechococcus elongatus</i> PCC 7942. Bio-protocol, 2018, 8, e2958.	0.4	0