

# Ryudo Ohbayashi

## List of Publications by Year in descending order

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14  
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times ranked

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