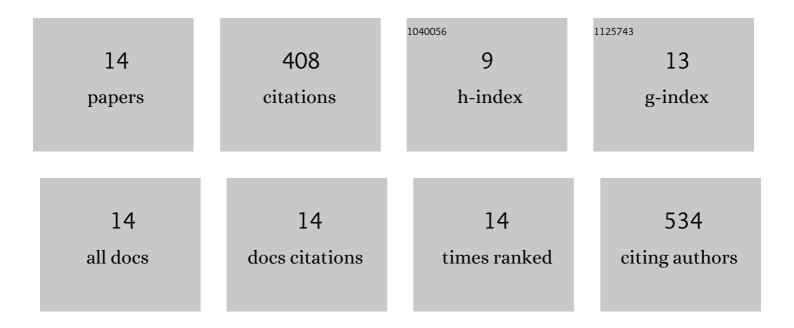
Ryudo Ohbayashi

List of Publications by Year in descending order

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| # | 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 | Lightâ€dependent and asynchronous replication of cyanobacterial multiâ€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 Cyanidioschyzon merolae. 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 Synechococcus elongatus 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 Synechococcus elongatus PCC 7942. Bio-protocol, 2018, 8, e2958. | 0.4 | 0 |