

Shin-ya Miyagishima

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

241
citations

1039406

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1281420

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11
all docs

11
docs citations

11
times ranked

376
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.	3.3	93
2	Coordination of Polyploid Chromosome Replication with Cell Size and Growth in a Cyanobacterium. MBio, 2019, 10, .	1.8	37
3	The Unicellular Red Alga <i>Cyanidioschyzon merolae</i> The Simplest Model of a Photosynthetic Eukaryote. Plant and Cell Physiology, 2021, 62, 926-941.	1.5	24
4	Relationship between Cell Cycle and Diel Transcriptomic Changes in Metabolism in a Unicellular Red Alga. Plant Physiology, 2020, 183, 1484-1501.	2.3	17
5	Changes in the transcriptome, ploidy, and optimal light intensity of a cryptomonad upon integration into a kleptoplastic dinoflagellate. ISME Journal, 2020, 14, 2407-2423.	4.4	12
6	Responses of unicellular predators to cope with the phototoxicity of photosynthetic prey. Nature Communications, 2019, 10, 5606.	5.8	11
7	Day/Night Separation of Oxygenic Energy Metabolism and Nuclear DNA Replication in the Unicellular Red Alga <i>Cyanidioschyzon merolae</i> . MBio, 2019, 10, .	1.8	10
8	Taming chlorophylls by early eukaryotes underpinned algal interactions and the diversification of the eukaryotes on the oxygenated Earth. ISME Journal, 2019, 13, 1899-1910.	4.4	10
9	Integration of a <i>Galdieria</i> plasma membrane sugar transporter enables heterotrophic growth of the obligate photoautotrophic red alga <i>Cyanidioschyzon merolae</i> . Plant Direct, 2019, 3, e00134.	0.8	9
10	Holliday Junction Resolvase MOC1 Maintains Plastid and Mitochondrial Genome Integrity in Algae and Bryophytes. Plant Physiology, 2020, 184, 1870-1883.	2.3	9
11	Cell size for commitment to cell division and number of successive cell divisions in cyanidiallean red algae. Protoplasma, 2021, 258, 1103-1118.	1.0	9