

Ayumi Minoda

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,038
citations

566801

15
h-index

713013

21
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all docs

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docs citations

23
times ranked

2302
citing authors

#	ARTICLE	IF	CITATIONS
1	Recovery of Au from dilute aqua regia solutions via adsorption on the lyophilized cells of a unicellular red alga <i>Galdieria sulphuraria</i> : A mechanism study. <i>Journal of Hazardous Materials</i> , 2022, 425, 127982.	6.5	8
2	Cell population behavior of the unicellular red alga <i>Galdieria sulphuraria</i> during precious metal biosorption. <i>Journal of Hazardous Materials</i> , 2022, 432, 128576.	6.5	5
3	Effect of lyophilization on the acid resistance of a unicellular red alga <i>Galdieria sulphuraria</i> during platinum recovery. <i>Journal of Hazardous Materials Advances</i> , 2021, 3, 100015.	1.2	4
4	Cellular accumulation of cesium in the unicellular red alga <i>Galdieria sulphuraria</i> under mixotrophic conditions. <i>Journal of Applied Phycology</i> , 2018, 30, 3057-3061.	1.5	16
5	Structure of the triose-phosphate/phosphate translocator reveals the basis of substrate specificity. <i>Nature Plants</i> , 2017, 3, 825-832.	4.7	51
6	Effective and selective recovery of gold and palladium ions from metal wastewater using a sulfothermophilic red alga, <i>Galdieria sulphuraria</i> . <i>Bioresource Technology</i> , 2016, 211, 759-764.	4.8	81
7	Profiling of lipid and glycogen accumulations under different growth conditions in the sulfothermophilic red alga <i>Galdieria sulphuraria</i> . <i>Bioresource Technology</i> , 2016, 200, 861-866.	4.8	44
8	Recovery of rare earth elements from the sulfothermophilic red alga <i>Galdieria sulphuraria</i> using aqueous acid. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 1513-1519.	1.7	86
9	Highly efficient single-cell analysis of microbial cells by time-resolved inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1598-1606.	1.6	59
10	Air-Drying of Cells, the Novel Conditions for Stimulated Synthesis of Triacylglycerol in a Green Alga, <i>Chlorella kessleri</i> . <i>PLoS ONE</i> , 2013, 8, e79630.	1.1	33
11	External Light Conditions and Internal Cell Cycle Phases Coordinate Accumulation of Chloroplast and Mitochondrial Transcripts in the Red Alga <i>Cyanidioschyzon merolae</i> . <i>DNA Research</i> , 2012, 19, 289-303.	1.5	25
12	Nitrate Assimilatory Genes and Their Transcriptional Regulation in a Unicellular Red Alga <i>Cyanidioschyzon merolae</i> : Genetic Evidence for Nitrite Reduction by a Sulfite Reductase-Like Enzyme. <i>Plant and Cell Physiology</i> , 2010, 51, 707-717.	1.5	86
13	Nucleus-Independent Control of the Rubisco Operon by the Plastid-Encoded Transcription Factor Ycf30 in the Red Alga <i>Cyanidioschyzon merolae</i> . <i>Plant Physiology</i> , 2010, 154, 1532-1540.	2.3	33
14	A Genomics Approach to Understanding the Biology of Thermo-Acidophilic Red Algae. <i>Cellular Origin and Life in Extreme Habitats</i> , 2007, , 503-518.	0.3	5
15	Microarray Profiling of Plastid Gene Expression in a Unicellular Red Alga, <i>Cyanidioschyzon merolae</i> . <i>Plant Molecular Biology</i> , 2005, 59, 375-385.	2.0	40
16	Improvement of Culture Conditions and Evidence for Nuclear Transformation by Homologous Recombination in a Red Alga, <i>Cyanidioschyzon merolae</i> 10D. <i>Plant and Cell Physiology</i> , 2004, 45, 667-671.	1.5	219
17	Genome sequence of the ultrasmall unicellular red alga <i>Cyanidioschyzon merolae</i> 10D. <i>Nature</i> , 2004, 428, 653-657.	13.7	1,016
18	Isolation of Cycloheximide-resistant Mutants of <i>Cyanidioschyzon merolae</i> . <i>Cytologia</i> , 2004, 69, 97-100.	0.2	9

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19	Involvement of sulfoquinovosyl diacylglycerol in the structural integrity and heat-tolerance of photosystem II. <i>Planta</i> , 2003, 217, 245-251.	1.6	74
20	Decrease in the efficiency of the electron donation to tyrosine Z of photosystem II in an SQDG-deficient mutant of <i>Chlamydomonas</i> . <i>FEBS Letters</i> , 2003, 553, 109-112.	1.3	62
21	Role of sulfoquinovosyl diacylglycerol for the maintenance of photosystem II in <i>Chlamydomonas reinhardtii</i> . <i>FEBS Journal</i> , 2002, 269, 2353-2358.	0.2	70
22	Bioremediation of Biophilic Radionuclides by Algae. , 0, , .		5
23	Label-free detection of polysulfides and glycogen of <i>Cyanidium caldarium</i> using ultra-multiplex coherent anti-Stokes Raman scattering microspectroscopy. <i>Journal of Raman Spectroscopy</i> , 0, , .	1.2	7