

Maria da Gloria Esquivel

List of Publications by Year in descending order

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9

papers

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citations

1163117

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1474206

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docs citations

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times ranked

356

citing authors

#	ARTICLE	IF	CITATIONS
1	Rubisco mutants of <i>Chlamydomonas reinhardtii</i> display divergent photosynthetic parameters and lipid allocation. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 5569-5580.	3.6	14
2	Nitrogen balancing and xylose addition enhances growth capacity and protein content in <i>Chlorella minutissima</i> cultures. <i>Bioresource Technology</i> , 2016, 218, 129-133.	9.6	15
3	Rubisco mutants of <i>Chlamydomonas reinhardtii</i> enhance photosynthetic hydrogen production. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 5635-5643.	3.6	55
4	Substitutions at the opening of the Rubisco central solvent channel affect holoenzyme stability and CO ₂ /O ₂ specificity but not activation by Rubisco activase. <i>Photosynthesis Research</i> , 2013, 118, 209-218.	2.9	13
5	New national and regional bryophyte records, 21. <i>Journal of Bryology</i> , 2009, 31, 132-139.	1.2	38
6	Substitution of Tyrosine Residues at the Aromatic Cluster around the $\hat{I}^2A\hat{A}\hat{I}^2B$ Loop of Rubisco Small Subunit Affects the Structural Stability of the Enzyme and the in Vivo Degradation under Stress Conditions. <i>Biochemistry</i> , 2006, 45, 5745-5753.	2.5	27
7	Alanine-Scanning Mutagenesis of the Small-Subunit $\hat{I}^2A\hat{A}\hat{I}^2B$ Loop of Chloroplast Ribulose-1,5-Bisphosphate Carboxylase/Oxygenase: Substitution at Arg-71 Affects Thermal Stability and CO ₂ /O ₂ Specificity. <i>Biochemistry</i> , 2001, 40, 5615-5621.	2.5	38
8	An accurate method to quantify ribulose bisphosphate carboxylase content in plant tissue. <i>Plant, Cell and Environment</i> , 2000, 23, 1329-1340.	5.7	6
9	Protein degradation in C3 and C4 plants with particular reference to ribulose bisphosphate carboxylase and glycolate oxidase. <i>Journal of Experimental Botany</i> , 1998, 49, 807-816.	4.8	31