

# Maria da Gloria Esquivel

## List of Publications by Citations

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9

papers

205

citations

8

h-index

9

g-index

9

ext. papers

226

ext. citations

5.3

avg, IF

2.23

L-index

#	Paper	IF	Citations
9	Rubisco mutants of <i>Chlamydomonas reinhardtii</i> enhance photosynthetic hydrogen production. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 5635-43	5.7	42
8	Alanine-scanning mutagenesis of the small-subunit beta A-beta B loop of chloroplast ribulose-1,5-bisphosphate carboxylase/oxygenase: substitution at Arg-71 affects thermal stability and CO <sub>2</sub> /O <sub>2</sub> specificity. <i>Biochemistry</i> , <b>2001</b> , 40, 5615-21	3.2	36
7	New national and regional bryophyte records, 21. <i>Journal of Bryology</i> , <b>2009</b> , 31, 132-139	1.1	34
6	Protein degradation in C3 and C4 plants with particular reference to ribulose bisphosphate carboxylase and glycolate oxidase. <i>Journal of Experimental Botany</i> , <b>1998</b> , 49, 807-816	7	30
5	Substitution of tyrosine residues at the aromatic cluster around the betaA-betaB loop of rubisco small subunit affects the structural stability of the enzyme and the in vivo degradation under stress conditions. <i>Biochemistry</i> , <b>2006</b> , 45, 5745-53	3.2	25
4	Nitrogen balancing and xylose addition enhances growth capacity and protein content in <i>Chlorella minutissima</i> cultures. <i>Bioresource Technology</i> , <b>2016</b> , 218, 129-33	11	12
3	Substitutions at the opening of the Rubisco central solvent channel affect holoenzyme stability and CO <sub>2</sub> /O <sub>2</sub> specificity but not activation by Rubisco activase. <i>Photosynthesis Research</i> , <b>2013</b> , 118, 209-18	3.7	11
2	Rubisco mutants of <i>Chlamydomonas reinhardtii</i> display divergent photosynthetic parameters and lipid allocation. <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 5569-5580	5.7	10
1	An accurate method to quantify ribulose bisphosphate carboxylase content in plant tissue. <i>Plant, Cell and Environment</i> , <b>2000</b> , 23, 1329-1340	8.4	5