

# Marcio O Martins

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

559  
citations

840776

11  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

858  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of peroxidases in the compensation of cytosolic ascorbate peroxidase knockdown in rice plants under abiotic stress. <i>Plant, Cell and Environment</i> , 2011, 34, 1705-1722.	5.7	106
2	Superoxide dismutase and ascorbate peroxidase improve the recovery of photosynthesis in sugarcane plants subjected to water deficit and low substrate temperature. <i>Plant Physiology and Biochemistry</i> , 2013, 73, 326-336.	5.8	106
3	The knockdown of chloroplastic ascorbate peroxidases reveals its regulatory role in the photosynthesis and protection under photo-oxidative stress in rice. <i>Plant Science</i> , 2014, 214, 74-87.	3.6	81
4	Dissipation of excess photosynthetic energy contributes to salinity tolerance: A comparative study of salt-tolerant <i>Ricinus communis</i> and salt-sensitive <i>Jatropha curcas</i> . <i>Journal of Plant Physiology</i> , 2014, 171, 23-30.	3.5	61
5	Silenced rice in both cytosolic ascorbate peroxidases displays pre-acclimation to cope with oxidative stress induced by 3-aminotriazole-inhibited catalase. <i>Journal of Plant Physiology</i> , 2016, 201, 17-27.	3.5	34
6	Mitochondrial GPX1 silencing triggers differential photosynthesis impairment in response to salinity in rice plants. <i>Journal of Integrative Plant Biology</i> , 2016, 58, 737-748.	8.5	33
7	Salinity and osmotic stress trigger different antioxidant responses related to cytosolic ascorbate peroxidase knockdown in rice roots. <i>Environmental and Experimental Botany</i> , 2016, 131, 58-67.	4.2	29
8	Increased sink strength offsets the inhibitory effect of sucrose on sugarcane photosynthesis. <i>Journal of Plant Physiology</i> , 2017, 208, 61-69.	3.5	29
9	Aclimatao ao estresse salino em plantas de arroz induzida pelo prÃ©-tratamento com H2O2. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2011, 15, 416-423.	1.1	27
10	Cytosolic <sc>APX</sc> knockdown rice plants sustain photosynthesis by regulation of protein expression related to photochemistry, Calvin cycle and photorespiration. <i>Physiologia Plantarum</i> , 2014, 150, 632-645.	5.2	19
11	Proteomic and physiological approaches reveal new insights for uncover the role of rice thylakoidal APX in response to drought stress. <i>Journal of Proteomics</i> , 2019, 192, 125-136.	2.4	18
12	Soil microbiota community assembling in native plant species from Brazil's legal Amazon. <i>Symbiosis</i> , 2022, 86, 93-109.	2.3	9
13	Salinity affects indirectly nitrate acquisition associated with glutamine accumulation in cowpea roots. <i>Biologia Plantarum</i> , 2012, 56, 575-580.	1.9	7