

Alejandro Morales

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,145
citations

687363

13
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1567
citing authors

#	ARTICLE	IF	CITATIONS
1	The relationship between leaf area growth and biomass accumulation in <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 167.	3.6	236
2	Dynamic photosynthesis in different environmental conditions. <i>Journal of Experimental Botany</i> , 2015, 66, 2415-2426.	4.8	173
3	Spatio-temporal patterns of chlorophyll fluorescence and physiological and structural indices acquired from hyperspectral imagery as compared with carbon fluxes measured with eddy covariance. <i>Remote Sensing of Environment</i> , 2013, 133, 102-115.	11.0	164
4	Fluctuating Light Takes Crop Photosynthesis on a Rollercoaster Ride. <i>Plant Physiology</i> , 2018, 176, 977-989.	4.8	164
5	Metabolic and diffusional limitations of photosynthesis in fluctuating irradiance in <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , 2016, 6, 31252.	3.3	76
6	Photosynthetic Acclimation to Fluctuating Irradiance in Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 268.	3.6	66
7	In Silico Analysis of the Regulation of the Photosynthetic Electron Transport Chain in C3 Plants. <i>Plant Physiology</i> , 2018, 176, 1247-1261.	4.8	53
8	Dynamic modelling of limitations on improving leaf CO ₂ assimilation under fluctuating irradiance. <i>Plant, Cell and Environment</i> , 2018, 41, 589-604.	5.7	53
9	Elevated CO ₂ increases photosynthesis in fluctuating irradiance regardless of photosynthetic induction state. <i>Journal of Experimental Botany</i> , 2017, 68, 5629-5640.	4.8	38
10	A dynamic model of potential growth of olive (<i>Olea europaea</i> L.) orchards. <i>European Journal of Agronomy</i> , 2016, 74, 93-102.	4.1	30
11	Effects of water supply on carbon and water exchange of olive trees. <i>European Journal of Agronomy</i> , 2012, 40, 1-7.	4.1	28
12	OliveCan: A Process-Based Model of Development, Growth and Yield of Olive Orchards. <i>Frontiers in Plant Science</i> , 2018, 9, 632.	3.6	25
13	High Stomatal Conductance in the Tomato <i>Flacca</i> Mutant Allows for Faster Photosynthetic Induction. <i>Frontiers in Plant Science</i> , 2020, 11, 1317.	3.6	20
14	A high throughput method for quantifying number and size distribution of <i>Arabidopsis</i> seeds using large particle flow cytometry. <i>Plant Methods</i> , 2020, 16, 27.	4.3	7
15	Genetic diversity reveals synergistic interaction between yield components could improve the sink size and yield in rice. <i>Food and Energy Security</i> , 2022, 11, .	4.3	6
16	Detection and quantification of broadleaf weeds in turfgrass using close-range multispectral imagery with pixel- and object-based classification. <i>International Journal of Remote Sensing</i> , 2021, 42, 8035-8055.	2.9	4
17	Transpiration and photosynthesis of holm oak trees in southern Spain. <i>Trees, Forests and People</i> , 2021, 5, 100115.	1.9	2