IvÃ¡n Jauregui

List of Publications by Year in descending order

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16 papers	379 citations	933447 10 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	620 citing authors

#	Article	IF	Citations
1	Harvest index, a parameter conditioning responsiveness of wheat plants to elevated CO2. Journal of Experimental Botany, 2013, 64, 1879-1892.	4.8	111
2	Nitrogen assimilation and transpiration: key processes conditioning responsiveness of wheat to elevated [<scp>CO₂</scp>] and temperature. Physiologia Plantarum, 2015, 155, 338-354.	5.2	48
3	Rootâ€“shoot interactions explain the reduction of leaf mineral content in Arabidopsis plants grown under elevated [<scp>CO₂</scp>] conditions. Physiologia Plantarum, 2016, 158, 65-79.	5.2	42
4	Root and shoot performance of Arabidopsis thaliana exposed to elevated CO2: A physiologic, metabolic and transcriptomic response. Journal of Plant Physiology, 2015, 189, 65-76.	3.5	37
5	Variation in key leaf photosynthetic traits across wheat wild relatives is accession dependent not species dependent. New Phytologist, 2020, 228, 1767-1780.	7.3	23
6	Inhibition of endogenous urease activity by NBPT application reveals differential N metabolism responses to ammonium or nitrate nutrition in pea plants: a physiological study. Plant and Soil, 2013, 373, 813-827.	3.7	21
7	Whole plant chamber to examine sensitivity of cereal gas exchange to changes in evaporative demand. Plant Methods, 2018, 14, 97.	4.3	21
8	Overexpression of a pine Dof transcription factor in hybrid poplars: A comparative study in trees growing under controlled and natural conditions. PLoS ONE, 2017, 12, e0174748.	2.5	21
9	Unraveling the role of transient starch in the response of Arabidopsis to elevated CO2 under long-day conditions. Environmental and Experimental Botany, 2018, 155, 158-164.	4.2	13
10	Differential Flag Leaf and Ear Photosynthetic Performance Under Elevated (CO2) Conditions During Grain Filling Period in Durum Wheat. Frontiers in Plant Science, 2020, 11, 587958.	3.6	11
11	Alteration by thioredoxin f over-expression of primary carbon metabolism and its response to elevated CO2 in tobacco (Nicotiana tabacum L.). Environmental and Experimental Botany, 2015, 118, 40-48.	4.2	10
12	The physiological implications of urease inhibitors on N metabolism during germination of Pisum sativum and Spinacea oleracea seeds. Journal of Plant Physiology, 2012, 169, 673-681.	3.5	6
13	Influence of stage of development in the efficiency of nitrogen fertilization on poplar. Journal of Plant Nutrition, 2016, 39, 87-98.	1.9	6
14	Elevated CO2 improved the growth of a double nitrate reductase defective mutant of Arabidopsis thaliana: The importance of maintaining a high energy status. Environmental and Experimental Botany, 2017, 140, 110-119.	4.2	5
15	Short-Term Exposure to High Atmospheric Vapor Pressure Deficit (VPD) Severely Impacts Durum Wheat Carbon and Nitrogen Metabolism in the Absence of Edaphic Water Stress. Plants, 2021, 10, 120.	3.5	3
16	Could ammonium nutrition increase plant C-sink strength under elevated CO2 conditions?. Plant Science, 2022, 320, 111277.	3.6	1