Wilmer Tezara

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Water stress inhibits plant photosynthesis by decreasing coupling factor and ATP. Nature, 1999, 401, 914-917.	27.8	773
2	Causes of decreased photosynthetic rate and metabolic capacity in water-deficient leaf cells: a critical evaluation of mechanisms and integration of processes. Annals of Botany, 2009, 103, 561-579.	2.9	638
3	Photosynthetic Responses of the Tropical Spiny Shrub Lycium nodosum (Solanaceae) to Drought, Soil Salinity and Saline Spray. Annals of Botany, 2003, 92, 757-765.	2.9	112
4	Contribution of stem CO ₂ fixation to whole-plant carbon balance in nonsucculent species. Photosynthetica, 2014, 52, 3-15.	1.7	88
5	Photosynthesis and photoinhibition in two xerophytic shrubs during drought. Photosynthetica, 2005, 43, 37-45.	1.7	57
6	Stomatal and nonâ€ s tomatal limitations of photosynthesis in trees of a tropical seasonally flooded forest. Physiologia Plantarum, 2008, 134, 41-48.	5.2	53
7	Water relations and photosynthetic capacity of two species of Calotropis in a tropical semi-arid ecosystem. Annals of Botany, 2011, 107, 397-405.	2.9	46

8 ECOPHYSIOLOGICAL TRAITS OF ADULT TREES OF CRIOLLO COCOA CULTIVARS (<i>THEOBROMA) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50

9	COMPARATIVE PHOTOSYNTHESIS, WATER RELATIONS, GROWTH AND SURVIVAL RATES IN JUVENILE CRIOLLO CACAO CULTIVARS (<i>THEOBROMA CACAO</i>) DURING DRY AND WET SEASONS. Experimental Agriculture, 2012, 48, 513-522.	0.9	38
10	Physiological responses to drought and experimental water deficit and waterlogging of four clones of cacao (Theobroma cacao L.) selected for cultivation in Venezuela. Agricultural Water Management, 2016, 171, 80-88.	5.6	36
11	Water relations, chlorophyll a fluorescence, and contents of saccharides in tree species of a tropical forest in response to flood. Photosynthetica, 2005, 43, 203-210.	1.7	35
12	Seasonal Changes in Photosynthesis and Stomatal Conductance of Five Plant Species from a Semiarid Ecosystem. Photosynthetica, 1998, 35, 399-410.	1.7	34
13	Operation of the Xanthophyll Cycle and Degradation of D1 Protein in the Inducible CAM plant, Talinum triangulare, under Water Deficit. Annals of Botany, 2003, 92, 393-399.	2.9	33
14	Photosynthetic response to low and high light of cacao growing without shade in an area of low evaporative demand. Acta Biologica Colombiana, 2018, 23, 95-103.	0.4	24
15	Lack of downregulation of photosynthesis in a tropical root crop, cassava, grown under an elevated CO2 concentration. Functional Plant Biology, 2002, 29, 805.	2.1	24
16	Nocturnal sap flow in the C3-CAM species, Clusia minor. Trees - Structure and Function, 2008, 22, 491-497.	1.9	23
17	Effects of a natural source of very high CO2 concentration on the leaf gas exchange, xylem water potential and stomatal characteristics of plants of Spatiphylum cannifolium and Bauhinia multinervia. New Phytologist, 1998, 138, 689-697.	7.3	22
18	Water-use efficiency is higher in green stems than in leaves of a tropical tree species. Trees - Structure and Function, 2018, 32, 1547-1558.	1.9	18

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#	Article	IF	CITATIONS
19	Phenotypic plasticity to photon flux density of physiological, anatomical and growth traits in a modern Criollo cocoa clone. Physiologia Plantarum, 2019, 166, 821-832.	5.2	15
20	Does Criollo cocoa have the same ecophysiological characteristics than Forastero?. Botanical Sciences, 2016, 94, 563-574.	0.8	15
21	Changes with seasonal flooding in sap flow of the tropical flood-tolerant tree species, Campsiandra laurifolia. Trees - Structure and Function, 2008, 22, 551-558.	1.9	14
22	Variability in physiological responses of Venezuelan cacao to drought. Experimental Agriculture, 2020, 56, 407-421.	0.9	14
23	Ecophysiological responses to drought and salinity in the cosmopolitan invader Nicotiana glauca. Brazilian Journal of Plant Physiology, 2012, 24, 213-222.	0.5	14
24	Environmental drivers of leaf phenology in trees of the tropical species Ficus obtusifolia. Brazilian Journal of Plant Physiology, 2011, 23, 113-122.	0.5	9
25	Recycling of CO2 during induction of CAM by drought in Talinum paniculatum (Portulacaceae). Physiologia Plantarum, 1996, 98, 471-476.	5.2	8
26	Seasonal gas exchange and resource-use efficiency in evergreen versus deciduous species from a tropical dry forest. Tree Physiology, 2019, 39, 1561-1571.	3.1	8
27	Photosynthetic capacity and terpene production in populations of Lippia graveolens (Mexican) Tj ETQq1 1 0.7843 Products, 2014, 57, 1-9.	14 rgBT /0 5.2	Overlock 10 7
28	Silicon dioxide nanofertilizers improve photosynthetic capacity of two Criollo cocoa clones (<i>Theobroma cacao</i> L.). Experimental Agriculture, 2021, 57, 85-102.	0.9	6
29	Shade tree species affect gas exchange and hydraulic conductivity of cacao cultivars in an agroforestry system. Tree Physiology, 2021, 41, 240-253.	3.1	5
30	Photosynthetic activity of oil palm (Elaeis guineensis) and interspecific hybrid genotypes (Elaeis) Tj ETQqO 0 0 rgB 110263.	Г /Overloc 3.6	k 10 Tf 50 3 5
31	Seasonal changes in gas exchange and yield of 21 genotypes of Coffea arabica . Botanical Sciences, 2021, 1, .	0.8	1