

# Wilmer Tezara

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

2,217  
citations

471477

17  
h-index

434170

31  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2857  
citing authors

#	ARTICLE	IF	CITATIONS
1	Water stress inhibits plant photosynthesis by decreasing coupling factor and ATP. <i>Nature</i> , 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. <i>Annals of Botany</i> , 2009, 103, 561-579.	2.9	638
3	Photosynthetic Responses of the Tropical Spiny Shrub <i>Lycium nodosum</i> (Solanaceae) to Drought, Soil Salinity and Saline Spray. <i>Annals of Botany</i> , 2003, 92, 757-765.	2.9	112
4	Contribution of stem CO <sub>2</sub> fixation to whole-plant carbon balance in nonsucculent species. <i>Photosynthetica</i> , 2014, 52, 3-15.	1.7	88
5	Photosynthesis and photoinhibition in two xerophytic shrubs during drought. <i>Photosynthetica</i> , 2005, 43, 37-45.	1.7	57
6	Stomatal and non-stomatal limitations of photosynthesis in trees of a tropical seasonally flooded forest. <i>Physiologia Plantarum</i> , 2008, 134, 41-48.	5.2	53
7	Water relations and photosynthetic capacity of two species of <i>Calotropis</i> in a tropical semi-arid ecosystem. <i>Annals of Botany</i> , 2011, 107, 397-405.	2.9	46
8	ECOPHYSIOLOGICAL TRAITS OF ADULT TREES OF CRIOLLO COCOA CULTIVARS ( <i>THEOBROMA</i> )	0.9	42
9	COMPARATIVE PHOTOSYNTHESIS, WATER RELATIONS, GROWTH AND SURVIVAL RATES IN JUVENILE CRIOLLO CACAO CULTIVARS ( <i>THEOBROMA CACAO</i> ) DURING DRY AND WET SEASONS. <i>Experimental Agriculture</i> , 2012, 48, 513-522.	0.9	38
10	Physiological responses to drought and experimental water deficit and waterlogging of four clones of cacao ( <i>Theobroma cacao</i> L.) selected for cultivation in Venezuela. <i>Agricultural Water Management</i> , 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. <i>Photosynthetica</i> , 2005, 43, 203-210.	1.7	35
12	Seasonal Changes in Photosynthesis and Stomatal Conductance of Five Plant Species from a Semiarid Ecosystem. <i>Photosynthetica</i> , 1998, 35, 399-410.	1.7	34
13	Operation of the Xanthophyll Cycle and Degradation of D1 Protein in the Inducible CAM plant, <i>Talinum triangulare</i> , under Water Deficit. <i>Annals of Botany</i> , 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. <i>Acta Biologica Colombiana</i> , 2018, 23, 95-103.	0.4	24
15	Lack of downregulation of photosynthesis in a tropical root crop, cassava, grown under an elevated CO <sub>2</sub> concentration. <i>Functional Plant Biology</i> , 2002, 29, 805.	2.1	24
16	Nocturnal sap flow in the C3-CAM species, <i>Clusia minor</i> . <i>Trees - Structure and Function</i> , 2008, 22, 491-497.	1.9	23
17	Effects of a natural source of very high CO <sub>2</sub> concentration on the leaf gas exchange, xylem water potential and stomatal characteristics of plants of <i>Spatiphyllum cannifolium</i> and <i>Bauhinia multinervia</i> . <i>New Phytologist</i> , 1998, 138, 689-697.	7.3	22
18	Water-use efficiency is higher in green stems than in leaves of a tropical tree species. <i>Trees - Structure and Function</i> , 2018, 32, 1547-1558.	1.9	18

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19	Phenotypic plasticity to photon flux density of physiological, anatomical and growth traits in a modern Criollo cocoa clone. <i>Physiologia Plantarum</i> , 2019, 166, 821-832.	5.2	15
20	Does Criollo cocoa have the same ecophysiological characteristics than Forastero?. <i>Botanical Sciences</i> , 2016, 94, 563-574.	0.8	15
21	Changes with seasonal flooding in sap flow of the tropical flood-tolerant tree species, <i>Campsiandra laurifolia</i> . <i>Trees - Structure and Function</i> , 2008, 22, 551-558.	1.9	14
22	Variability in physiological responses of Venezuelan cacao to drought. <i>Experimental Agriculture</i> , 2020, 56, 407-421.	0.9	14
23	Ecophysiological responses to drought and salinity in the cosmopolitan invader <i>Nicotiana glauca</i> . <i>Brazilian Journal of Plant Physiology</i> , 2012, 24, 213-222.	0.5	14
24	Environmental drivers of leaf phenology in trees of the tropical species <i>Ficus obtusifolia</i> . <i>Brazilian Journal of Plant Physiology</i> , 2011, 23, 113-122.	0.5	9
25	Recycling of CO <sub>2</sub> during induction of CAM by drought in <i>Talinum paniculatum</i> (Portulacaceae). <i>Physiologia Plantarum</i> , 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. <i>Tree Physiology</i> , 2019, 39, 1561-1571.	3.1	8
27	Photosynthetic capacity and terpene production in populations of <i>Lippia graveolens</i> (Mexican) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Products, 2014, 57, 1-9.	5.2	7
28	Silicon dioxide nanofertilizers improve photosynthetic capacity of two Criollo cocoa clones ( <i>Theobroma cacao</i> L.). <i>Experimental Agriculture</i> , 2021, 57, 85-102.	0.9	6
29	Shade tree species affect gas exchange and hydraulic conductivity of cacao cultivars in an agroforestry system. <i>Tree Physiology</i> , 2021, 41, 240-253.	3.1	5
30	Photosynthetic activity of oil palm ( <i>Elaeis guineensis</i> ) and interspecific hybrid genotypes ( <i>Elaeis</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 110263.	3.6	5
31	Seasonal changes in gas exchange and yield of 21 genotypes of <i>Coffea arabica</i> ; <i>Botanical Sciences</i> , 2021, 1, .	0.8	1