Nate Mcdowell

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12163202/publications.pdf

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13	10,759	1040056	1125743
papers	citations	9 h-index	13 g-index

13	13	13	12101
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tree mortality in a warming world: causes, patterns, and implications. Environmental Research Letters, 2022, 17, 030201.	5.2	14
2	Soil moisture thresholds explain a shift from light-limited to water-limited sap velocity in the Central Amazon during the 2015â€“16 El NiÃ±o drought. Environmental Research Letters, 2022, 17, 064023.	5.2	5
3	Hydraulic architecture explains species moisture dependency but not mortality rates across a tropical rainfall gradient. Biotropica, 2021, 53, 1213-1225.	1.6	6
4	Predictability of tropical vegetation greenness using sea surface temperatures*. Environmental Research Communications, 2019, 1, 031003.	2.3	2
5	Drivers and mechanisms of tree mortality in moist tropical forests. New Phytologist, 2018, 219, 851-869.	7.3	341
6	Dry and hot: the hydraulic consequences of a climate changeâ€“type drought for Amazonian trees. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20180209.	4.0	49
7	Tree mortality from drought, insects, and their interactions in a changing climate. New Phytologist, 2015, 208, 674-683.	7.3	641
8	The role of interannual, seasonal, and synoptic climate on the carbon isotope ratio of ecosystem respiration at a semiarid woodland. Global Change Biology, 2011, 17, 2584-2600.	9.5	11
9	Assessing uncertainties in a secondâ€generation dynamic vegetation model caused by ecological scale limitations. New Phytologist, 2010, 187, 666-681.	7.3	271
10	A global overview of drought and heat-induced tree mortality reveals emerging climate change risks for forests. Forest Ecology and Management, 2010, 259, 660-684.	3.2	5,535
11	Mechanisms of plant survival and mortality during drought: why do some plants survive while others succumb to drought?. New Phytologist, 2008, 178, 719-739.	7.3	3,232
12	Function of Nicotiana tabacum Aquaporins as Chloroplast Gas Pores Challenges the Concept of Membrane CO₂ Permeability. Plant Cell, 2008, 20, 648-657.	6.6	268
13	Tobacco aquaporin NtAQP1 is involved in mesophyll conductance to CO2inÂvivo. Plant Journal, 2006, 48, 427-439.	5.7	384