

Nate Mcdowell

List of Publications by Year in descending order

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

Version: 2024-02-01

13
papers

10,759
citations

1040056

9
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

12101
citing authors

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