Erin Wiley

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9211930/publications.pdf

Version: 2024-02-01

13	1,170	840776 11	1125743 13
papers	citations	h-index	g-index

13	13	13	1492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A reâ€evaluation of carbon storage in trees lends greater support for carbon limitation to growth. New Phytologist, 2012, 195, 285-289.	7.3	294
2	Non-structural carbohydrates in woody plants compared among laboratories. Tree Physiology, 2015, 35, tpv073.	3.1	163
3	Mechanisms of woody-plant mortality under rising drought, CO2 and vapour pressure deficit. Nature Reviews Earth & Environment, 2022, 3, 294-308.	29.7	163
4	The effects of defoliation on carbon allocation: can carbon limitation reduce growth in favour of storage?. Tree Physiology, 2013, 33, 1216-1228.	3.1	124
5	Identifying differences in carbohydrate dynamics of seedlings and mature trees to improve carbon allocation in models for trees and forests. Environmental and Experimental Botany, 2018, 152, 7-18.	4.2	115
6	Living on next to nothing: tree seedlings can survive weeks with very low carbohydrate concentrations. New Phytologist, 2018, 218, 107-118.	7.3	69
7	Recovery following defoliation involves shifts in allocation that favour storage and reproduction over radial growth in black oak. Journal of Ecology, 2017, 105, 412-424.	4.0	68
8	Nonstructural carbohydrate dynamics of lodgepole pine dying from mountain pine beetle attack. New Phytologist, 2016, 209, 550-562.	7.3	50
9	Dying piece by piece: carbohydrate dynamics in aspen (Populus tremuloides) seedlings under severe carbon stress. Journal of Experimental Botany, 2017, 68, 5221-5232.	4.8	49
10	Identifying the relevant carbohydrate storage pools available for remobilization in aspen roots. Tree Physiology, 2019, 39, 1109-1120.	3.1	42
11	Do Carbon Reserves Increase Tree Survival during Stress and Following Disturbance?. Current Forestry Reports, 2020, 6, 14-25.	7.4	18
12	Spruce shows greater sensitivity to recent warming than Douglas-fir in central British Columbia. Ecosphere, 2018, 9, e02221.	2.2	8
13	Splitting the Difference: Heterogeneous Soil Moisture Availability Affects Aboveground and Belowground Reserve and Mass Allocation in Trembling Aspen. Frontiers in Plant Science, 2021, 12, 654159.	3.6	7