

Erin Wiley

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,170
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1492
citing authors

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