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List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

663
citations

840119

11
h-index

839053

18
g-index

18
all docs

18
docs citations

18
times ranked

1093
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordination of stem and leaf hydraulic conductance in southern California shrubs: a test of the hydraulic segmentation hypothesis. <i>New Phytologist</i> , 2014, 203, 842-850.	3.5	148
2	Multiple strategies for drought survival among woody plant species. <i>Functional Ecology</i> , 2016, 30, 517-526.	1.7	119
3	Can vessel dimension explain tolerance toward fungal vascular wilt diseases in woody plants? Lessons from Dutch elm disease and esca disease in grapevine. <i>Frontiers in Plant Science</i> , 2014, 5, 253.	1.7	109
4	Stomatal behaviour and stem xylem traits are coordinated for woody plant species under exceptional drought conditions. <i>Plant, Cell and Environment</i> , 2018, 41, 2617-2626.	2.8	60
5	Plant hydraulic responses to long-term dry season nitrogen deposition alter drought tolerance in a Mediterranean-type ecosystem. <i>Oecologia</i> , 2016, 181, 721-731.	0.9	32
6	The Effect of Ecophysiological Traits on Live Fuel Moisture Content. <i>Fire</i> , 2019, 2, 28.	1.2	32
7	Making the best of the worst of times: traits underlying combined shade and drought tolerance of <i>Ruscus aculeatus</i> and <i>Ruscus microglossum</i> (Asparagaceae). <i>Functional Plant Biology</i> , 2014, 41, 11.	1.1	22
8	A reporting format for leaf-level gas exchange data and metadata. <i>Ecological Informatics</i> , 2021, 61, 101232.	2.3	22
9	Testing the "microbubble effect"™ using the Cavitrone technique to measure xylem water extraction curves. <i>AoB PLANTS</i> , 2016, 8, .	1.2	21
10	Assessing climate change impacts on live fuel moisture and wildfire risk using a hydrodynamic vegetation model. <i>Biogeosciences</i> , 2021, 18, 4005-4020.	1.3	19
11	Responses of functional traits to seven-year nitrogen addition in two tree species: coordination of hydraulics, gas exchange and carbon reserves. <i>Tree Physiology</i> , 2021, 41, 190-205.	1.4	17
12	Stability of tropical forest tree carbon-water relations in a rainfall exclusion treatment through shifts in effective water uptake depth. <i>Global Change Biology</i> , 2021, 27, 6454-6466.	4.2	17
13	The influence of increasing atmospheric CO ₂ , temperature, and vapor pressure deficit on seawater-induced tree mortality. <i>New Phytologist</i> , 2022, 235, 1767-1779.	3.5	12
14	Declining carbohydrate content of Sitka-spruce trees dying from seawater exposure. <i>Plant Physiology</i> , 2021, 185, 1682-1696.	2.3	10
15	Seawater exposure causes hydraulic damage in dying Sitka-spruce trees. <i>Plant Physiology</i> , 2021, 187, 873-885.	2.3	10
16	Hydraulic architecture explains species moisture dependency but not mortality rates across a tropical rainfall gradient. <i>Biotropica</i> , 2021, 53, 1213-1225.	0.8	6
17	Severe declines in hydraulic capacity and associated carbon starvation drive mortality in seawater exposed Sitka-spruce (<i>Picea sitchensis</i>) trees. <i>Environmental Research Communications</i> , 2022, 4, 035005.	0.9	4
18	Plant Functional Traits Predict the Drought Response of Native California Plant Species. <i>International Journal of Plant Sciences</i> , 2020, 181, 256-265.	0.6	3