AliÃ©nor Lavergne

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4593446/publications.pdf

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16	482	686830 13	940134 16
papers	citations	h-index	g-index

28	28	28	630
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Observed and modelled historical trends in the waterâ€use efficiency of plants and ecosystems. Global Change Biology, 2019, 25, 2242-2257.	4.2	85
2	Ecoâ€evolutionary optimality as a means to improve vegetation and landâ€surface models. New Phytologist, 2021, 231, 2125-2141.	3.5	71
3	Compiled records of atmospheric CO2 concentrations and stable carbon isotopes to reconstruct climate and derive plant ecophysiological indices from tree rings. Dendrochronologia, 2020, 63, 125748.	1.0	55
4	Temporal changes in climatic limitation of tree-growth at upper treeline forests: Contrasted responses along the west-to-east humidity gradient in Northern Patagonia. Dendrochronologia, 2015, 36, 49-59.	1.0	39
5	Historical changes in the stomatal limitation of photosynthesis: empirical support for an optimality principle. New Phytologist, 2020, 225, 2484-2497.	3.5	39
6	Impacts of soil water stress on the acclimated stomatal limitation of photosynthesis: Insights from stable carbon isotope data. Global Change Biology, 2020, 26, 7158-7172.	4.2	33
7	Improvement of isotope-based climate reconstructions in Patagonia through a better understanding of climate influences on isotopic fractionation in tree rings. Earth and Planetary Science Letters, 2017, 459, 372-380.	1.8	25
8	Are the oxygen isotopic compositions of Fitzroya cupressoides and Nothofagus pumilio cellulose promising proxies for climate reconstructions in northern Patagonia?. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 767-776.	1.3	21
9	Comparisons of the Performance of Î´¹³C and Î´¹⁸O of <scp>Fagus sylvatica</scp>, <scp>Pinus sylvestris</scp>, and <scp>Quercus petraea</scp> in the Record of Past Climate Variations. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 1145-1160.	1.3	21
10	Modelling tree ring cellulose <i>Î´</i>¹⁸O variations in two temperature-sensitive tree species from North and South America. Climate of the Past, 2017, 13, 1515-1526.	1.3	20
11	Past Summer Temperatures Inferred From Dendrochronological Records of <scp>Fitzroya cupressoides</scp> on the Eastern Slope of the Northern Patagonian Andes. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 32-45.	1.3	20
12	A comparison of some simple methods used to detect unstable temperature responses in tree-ring chronologies. Dendrochronologia, 2018, 48, 52-73.	1.0	15
13	Differences in carbon isotope discrimination between angiosperm and gymnosperm woody plants, and their geological significance. Geochimica Et Cosmochimica Acta, 2021, 300, 215-230.	1.6	13
14	Global decadal variability of plant carbon isotope discrimination and its link to gross primary production. Global Change Biology, 2022, 28, 524-541.	4.2	13
15	Tree-ring cellulose Î´18O records similar large-scale climate influences as precipitation Î´18O in the Northwest Territories of Canada. Climate Dynamics, 2022, 58, 759-776.	1.7	10
16	A new snow module improves predictions of the isotope-enabled MAIDENiso forest growth model. Geoscientific Model Development, 2022, 15, 1931-1952.	1.3	2