AliÃ©nor Lavergne

List of Publications by Year
in descending order

16	482	687363 13	940533 16
papers	citations	h-index	g-index

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

#	Article	IF	Citations
1	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.	3.8	10
2	Global decadal variability of plant carbon isotope discrimination and its link to gross primary production. Global Change Biology, 2022, 28, 524-541.	9.5	13
3	A new snow module improves predictions of the isotope-enabled MAIDENiso forest growth model. Geoscientific Model Development, 2022, 15, 1931-1952.	3.6	2
4	Differences in carbon isotope discrimination between angiosperm and gymnosperm woody plants, and their geological significance. Geochimica Et Cosmochimica Acta, 2021, 300, 215-230.	3.9	13
5	Ecoâ€evolutionary optimality as a means to improve vegetation and landâ€surface models. New Phytologist, 2021, 231, 2125-2141.	7.3	71
6	Historical changes in the stomatal limitation of photosynthesis: empirical support for an optimality principle. New Phytologist, 2020, 225, 2484-2497.	7.3	39
7	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.	9.5	33
8	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.	2.2	55
9	Observed and modelled historical trends in the waterâ€use efficiency of plants and ecosystems. Global Change Biology, 2019, 25, 2242-2257.	9.5	85
10	A comparison of some simple methods used to detect unstable temperature responses in tree-ring chronologies. Dendrochronologia, 2018, 48, 52-73.	2.2	15
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.	3.0	20
12	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.	3.0	21
13	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.	4.4	25
14	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.	3.4	20
15	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.	3.0	21
16	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.	2.2	39