

Aliñor Lavergne

List of Publications by Year in descending order

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

Version: 2024-02-01

16
papers

482
citations

687363

13
h-index

940533

16
g-index

28
all docs

28
docs citations

28
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	Observed and modelled historical trends in the water-use efficiency of plants and ecosystems. <i>Global Change Biology</i> , 2019, 25, 2242-2257.	9.5	85
2	Eco-evolutionary optimality as a means to improve vegetation and land-surface models. <i>New Phytologist</i> , 2021, 231, 2125-2141.	7.3	71
3	Compiled records of atmospheric CO2 concentrations and stable carbon isotopes to reconstruct climate and derive plant ecophysiological indices from tree rings. <i>Dendrochronologia</i> , 2020, 63, 125748.	2.2	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. <i>Dendrochronologia</i> , 2015, 36, 49-59.	2.2	39
5	Historical changes in the stomatal limitation of photosynthesis: empirical support for an optimality principle. <i>New Phytologist</i> , 2020, 225, 2484-2497.	7.3	39
6	Impacts of soil water stress on the acclimated stomatal limitation of photosynthesis: Insights from stable carbon isotope data. <i>Global Change Biology</i> , 2020, 26, 7158-7172.	9.5	33
7	Improvement of isotope-based climate reconstructions in Patagonia through a better understanding of climate influences on isotopic fractionation in tree rings. <i>Earth and Planetary Science Letters</i> , 2017, 459, 372-380.	4.4	25
8	Are the oxygen isotopic compositions of <i>Fitzroya cupressoides</i> and <i>Nothofagus pumilio</i> cellulose promising proxies for climate reconstructions in northern Patagonia?. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 767-776.	3.0	21
9	Comparisons of the Performance of $\delta^{13}C$ and $\delta^{18}O$ of <i>Fagus sylvatica</i> , <i>Pinus sylvestris</i> , and <i>Quercus petraea</i> in the Record of Past Climate Variations. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 1145-1160.	3.0	21
10	Modelling tree ring cellulose $\delta^{18}O$ variations in two temperature-sensitive tree species from North and South America. <i>Climate of the Past</i> , 2017, 13, 1515-1526.	3.4	20
11	Past Summer Temperatures Inferred From Dendrochronological Records of <i>Fitzroya cupressoides</i> on the Eastern Slope of the Northern Patagonian Andes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 32-45.	3.0	20
12	A comparison of some simple methods used to detect unstable temperature responses in tree-ring chronologies. <i>Dendrochronologia</i> , 2018, 48, 52-73.	2.2	15
13	Differences in carbon isotope discrimination between angiosperm and gymnosperm woody plants, and their geological significance. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 300, 215-230.	3.9	13
14	Global decadal variability of plant carbon isotope discrimination and its link to gross primary production. <i>Global Change Biology</i> , 2022, 28, 524-541.	9.5	13
15	Tree-ring cellulose $\delta^{18}O$ records similar large-scale climate influences as precipitation $\delta^{18}O$ in the Northwest Territories of Canada. <i>Climate Dynamics</i> , 2022, 58, 759-776.	3.8	10
16	A new snow module improves predictions of the isotope-enabled MAIDENiso forest growth model. <i>Geoscientific Model Development</i> , 2022, 15, 1931-1952.	3.6	2