

# Atienne Boucher

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8282032/publications.pdf>

Version: 2024-02-01

13  
papers

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528  
citing authors

#	ARTICLE	IF	CITATIONS
1	North America's oldest boreal trees are more efficient water users due to increased [CO <sub>2</sub> ], but do not grow faster. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2749-2754.	7.1	76
2	The influence of decision-making in tree ring-based climate reconstructions. Nature Communications, 2021, 12, 3411.	12.8	59
3	Peat deposits store more carbon than trees in forested peatlands of the boreal biome. Scientific Reports, 2021, 11, 2657.	3.3	47
4	Process models and model-data fusion in dendroecology. Frontiers in Ecology and Evolution, 2014, 2, .	2.2	41
5	Strong overestimation of water-use efficiency responses to rising CO <sub>2</sub> in tree-ring studies. Global Change Biology, 2020, 26, 4538-4558.	9.5	36
6	Modelling tree ring cellulose $\delta^{18}O$ variations in two temperature-sensitive tree species from North and South America. Climate of the Past, 2017, 13, 1515-1526.	3.4	20
7	Ecophysiological modeling of photosynthesis and carbon allocation to the tree stem in the boreal forest. Biogeosciences, 2017, 14, 4851-4866.	3.3	18
8	Decadal Variations in Eastern Canada's Taiga Wood Biomass Production Forced by Ocean-Atmosphere Interactions. Scientific Reports, 2017, 7, 2457.	3.3	11
9	Application and evaluation of the dendroclimatic process-based model MAIDEN during the last century in Canada and Europe. Climate of the Past, 2020, 16, 1043-1059.	3.4	11
10	Chemical destaining and the delta correction for blue intensity measurements of stained lake subfossil trees. Biogeosciences, 2020, 17, 4559-4570.	3.3	10
11	Underestimation of the Tambora effects in North American taiga ecosystems. Environmental Research Letters, 2018, 13, 034017.	5.2	7
12	Paludification reduces black spruce growth rate but does not alter tree water use efficiency in Canadian boreal forested peatlands. Forest Ecosystems, 2021, 8, 28.	3.1	5
13	A new snow module improves predictions of the isotope-enabled MAIDENiso forest growth model. Geoscientific Model Development, 2022, 15, 1931-1952.	3.6	2