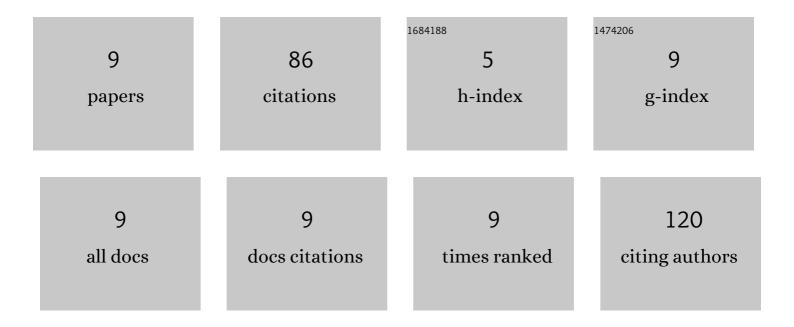
Livia S Freire

List of Publications by Year in descending order

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LIVIA S EDEIDE

#	Article	IF	CITATIONS
1	Critical flux Richardson number for Kolmogorov turbulence enabled by TKE transport. Quarterly Journal of the Royal Meteorological Society, 2019, 145, 1551-1558.	2.7	21
2	Effects of Vegetation and Topography on the Boundary Layer Structure above the Amazon Forest. Journals of the Atmospheric Sciences, 2020, 77, 2941-2957.	1.7	21
3	A TKEâ€Based Framework for Studying Disturbed Atmospheric Surface Layer Flows and Application to Vertical Velocity Variance Over Canopies. Geophysical Research Letters, 2018, 45, 6734-6740.	4.0	13
4	Large-Eddy Simulation of smooth and rough channel flows using a one-dimensional stochastic wall model. Computers and Fluids, 2021, 230, 105135.	2.5	9
5	A one-dimensional stochastic model of turbulence within and above plant canopies. Agricultural and Forest Meteorology, 2018, 250-251, 9-23.	4.8	7
6	Parameterized Vertical Concentration Profiles for Aerosols in the Marine Atmospheric Boundary Layer. Journal of Geophysical Research D: Atmospheres, 2018, 123, 9688-9702.	3.3	7
7	Large-Eddy Simulation of the Atmospheric Boundary Layer with Near-Wall Resolved Turbulence. Boundary-Layer Meteorology, 2022, 184, 25-43.	2.3	4
8	Effects of Path Averaging in a Sonic Anemometer on the Estimation of Turbulence-Kinetic-Energy Dissipation Rates. Boundary-Layer Meteorology, 2019, 173, 99-113.	2.3	3
9	Predicting Vertical Concentration Profiles in the Marine Atmospheric Boundary Layer With a Markov Chain Random Walk Model. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032731.	3.3	1