

Livia S Freire

List of Publications by Year in descending order

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9
papers

86
citations

1684188

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1474206

9
g-index

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all docs

9
docs citations

9
times ranked

120
citing authors

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