

Livia S Freire

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

86
citations

1684188
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9
docs citations

9
times ranked

120
citing authors

| # | 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 TKE-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 |