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Publications

PUBLICATIONS

- **Spectral energy transfer on complex networks: a filtering approach.** *Scientific reports*
MacMillan, T., Ouellette, N. T.
2024; 14 (1): 20691
- **Direct numerical simulation of turbulence and microphysics in the Pi Chamber** *PHYSICAL REVIEW FLUIDS*
MacMillan, T., Shaw, R. A., Cantrell, W. H., Richter, D. H.
2022; 7 (2)
- **Lagrangian scale decomposition via the graph Fourier transform** *PHYSICAL REVIEW FLUIDS*
MacMillan, T., Ouellette, N. T.
2022; 7 (12)
- **The most robust representations of flow trajectories are Lagrangian coherent structures** *JOURNAL OF FLUID MECHANICS*
MacMillan, T., Richter, D. H.
2021; 927
- **A Lagrangian Cloud Model for the Study of Marine Fog** *BOUNDARY-LAYER METEOROLOGY*
Richter, D. H., MacMillan, T., Wainwright, C.
2021
- **Detection of evolving Lagrangian coherent structures: A multiple object tracking approach** *PHYSICAL REVIEW FLUIDS*
MacMillan, T., Ouellette, N. T., Richter, D. H.
2020; 5 (12)