Lena Pfister

List of Publications by Year
in descending order

8 papers	113 citations	1307594 7 h-index	1588992 8 g-index
10 all docs	10 docs citations	10 times ranked	59 citing authors

#	Article	IF	Citations
1	Thermal Submeso Motions in the Nocturnal Stable Boundary Layer. Part 2: Generating Mechanisms and Implications. Boundary-Layer Meteorology, 2021, 180, 203-224.	2.3	13
2	Thermal Submesoscale Motions in the Nocturnal Stable Boundary Layer. Part 1: Detection and Mean Statistics. Boundary-Layer Meteorology, 2021, 180, 187-202.	2.3	13
3	The NY-Ã…lesund TurbulencE Fiber Optic eXperiment (NYTEFOX): investigating the Arctic boundary layer, Svalbard. Earth System Science Data, 2021, 13, 3439-3452.	9.9	6
4	Small-Scale Variability in the Nocturnal Boundary Layer. Boundary-Layer Meteorology, 2020, 174, 81-98.	2.3	13
5	Distributed observations of wind direction using microstructures attached to actively heated fiber-optic cables. Atmospheric Measurement Techniques, 2020, 13, 1563-1573.	3.1	13
6	Classifying the nocturnal atmospheric boundary layer into temperature and flow regimes. Quarterly Journal of the Royal Meteorological Society, 2019, 145, 1515-1534.	2.7	20
7	Nocturnal Near-Surface Temperature, but not Flow Dynamics, can be Predicted by Microtopography in a Mid-Range Mountain Valley. Boundary-Layer Meteorology, 2017, 165, 333-348.	2.3	18
8	Quantitative analysis of the radiation error for aerial coiled-fiber-optic distributed temperature sensing deployments using reinforcing fabric as support structure. Atmospheric Measurement Techniques, 2017, 10, 2149-2162.	3.1	14