

Holly J Oldroyd

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

294
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933447

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996975

15
g-index

17
all docs

17
docs citations

17
times ranked

374
citing authors

#	ARTICLE	IF	CITATIONS
1	Boundary-Layer Flow Over Complex Topography. <i>Boundary-Layer Meteorology</i> , 2020, 177, 247-313.	2.3	58
2	Controls on the diurnal streamflow cycles in two subbasins of an alpine headwater catchment. <i>Water Resources Research</i> , 2015, 51, 3403-3418.	4.2	35
3	Adapting Tilt Corrections and the Governing Flow Equations for Steep, Fully Three-Dimensional, Mountainous Terrain. <i>Boundary-Layer Meteorology</i> , 2016, 159, 539-565.	2.3	35
4	Buoyant Turbulent Kinetic Energy Production in Steep-Slope Katabatic Flow. <i>Boundary-Layer Meteorology</i> , 2016, 161, 405-416.	2.3	32
5	Thermal diffusivity of seasonal snow determined from temperature profiles. <i>Advances in Water Resources</i> , 2013, 55, 121-130.	3.8	30
6	Momentum balance of katabatic flow on steep slopes covered with short vegetation. <i>Geophysical Research Letters</i> , 2014, 41, 4761-4768.	4.0	28
7	Coupled Air Quality and Boundary-Layer Meteorology in Western U.S. Basins during Winter: Design and Rationale for a Comprehensive Study. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E2012-E2033.	3.3	14
8	Modeling Macroroughness Contribution to Fish Habitat Suitability Curves. <i>Water Resources Research</i> , 2018, 54, 9306-9320.	4.2	12
9	Turbulent Heat and Momentum Exchange in Nocturnal Drainage Flow Through a Sloped Vineyard. <i>Boundary-Layer Meteorology</i> , 2020, 175, 1-23.	2.3	11
10	Observations of submesoscale eddy-driven heat transport at an ice shelf calving front. <i>Communications Earth & Environment</i> , 2022, 3, .	6.8	11
11	Using Machine Learning to Integrate On-Farm Sensors and Agro-Meteorology Networks into Site-Specific Decision Support. <i>Transactions of the ASABE</i> , 2020, 63, 1427-1439.	1.1	8
12	Simulating land-atmosphere coupling in the Central Valley, California: Investigating soil moisture impacts on boundary layer properties. <i>Agricultural and Forest Meteorology</i> , 2022, 317, 108898.	4.8	6
13	Field observations of the morning transition over a steep slope in a narrow alpine valley. <i>Environmental Fluid Mechanics</i> , 2020, 20, 1199-1220.	1.6	5
14	Increasing Daytime Stability Enhances Downslope Moisture Transport in the Subcanopy of an Even-Aged Conifer Forest in Western Oregon, USA. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	5
15	A Local Similarity Function for Katabatic Flows Derived from Field Observations Over Steep and Shallow Angled Slopes. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095479.	4.0	2
16	Integrated Quadrant Analysis: A New Method for Analyzing Turbulent Coherent Structures. <i>Boundary-Layer Meteorology</i> , 0, , 1.	2.3	2