

Arnold Moene

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

1,511
citations

14
h-index

28
g-index

28
ext. papers

1,682
ext. citations

3.9
avg, IF

3.86
L-index

#	Paper	IF	Citations
17	An Intercomparison of Large-Eddy Simulations of the Stable Boundary Layer. <i>Boundary-Layer Meteorology</i> , 2006 , 118, 247-272	3.4	353
16	Formulation of the Dutch Atmospheric Large-Eddy Simulation (DALES) and overview of its applications. <i>Geoscientific Model Development</i> , 2010 , 3, 415-444	6.3	167
15	Estimation of sensible heat flux using the Surface Energy Balance System (SEBS) and ATSR measurements. <i>Physics and Chemistry of the Earth</i> , 2003 , 28, 75-88	3	128
14	The BLLAST field experiment: Boundary-Layer Late Afternoon and Sunset Turbulence. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 10931-10960	6.8	126
13	A Conceptual View on Inertial Oscillations and Nocturnal Low-Level Jets. <i>Journals of the Atmospheric Sciences</i> , 2010 , 67, 2679-2689	2.1	123
12	Intermittent Turbulence in the Stable Boundary Layer over Land. Part III: A Classification for Observations during CASES-99. <i>Journals of the Atmospheric Sciences</i> , 2003 , 60, 2509-2522	2.1	111
11	The Minimum Wind Speed for Sustainable Turbulence in the Nocturnal Boundary Layer. <i>Journals of the Atmospheric Sciences</i> , 2012 , 69, 3116-3127	2.1	95
10	Evapotranspiration fluxes over mixed vegetation areas measured from large aperture scintillometer. <i>Agricultural Water Management</i> , 2003 , 58, 109-122	5.9	93
9	An inconvenient truth about using sensible heat flux as a surface boundary condition in models under stably stratified regimes. <i>Acta Geophysica</i> , 2008 , 56, 88-99	2.2	74
8	The Cessation of Continuous Turbulence as Precursor of the Very Stable Nocturnal Boundary Layer. <i>Journals of the Atmospheric Sciences</i> , 2012 , 69, 3097-3115	2.1	65
7	Effects of water vapour on the structure parameter of the refractive index for near-infrared radiation. <i>Boundary-Layer Meteorology</i> , 2003 , 107, 635-653	3.4	51
6	Uncertainty analysis for satellite derived sensible heat fluxes and scintillometer measurements over Savannah environment and comparison to mesoscale meteorological simulation results. <i>Agricultural and Forest Meteorology</i> , 2008 , 148, 656-667	5.8	38
5	An Extra Large Aperture Scintillometer For Long Range Applications. <i>Boundary-Layer Meteorology</i> , 2002 , 105, 119-127	3.4	36
4	Intercomparison of Methods for the Simultaneous Estimation of Zero-Plane Displacement and Aerodynamic Roughness Length from Single-Level Eddy-Covariance Data. <i>Boundary-Layer Meteorology</i> , 2014 , 151, 373-387	3.4	25
3	Source partitioning of H ₂ O and CO ₂ fluxes based on high-frequency eddy covariance data: a comparison between study sites. <i>Biogeosciences</i> , 2019 , 16, 1111-1132	4.6	12
2	Integrating canopy and large-scale effects in the convective boundary-layer dynamics during the CHATS experiment. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 1623-1640	6.8	8
1	CloudRoots: integration of advanced instrumental techniques and process modelling of sub-hourly and sub-kilometre land-atmosphere interactions. <i>Biogeosciences</i> , 2020 , 17, 4375-4404	4.6	5

