

# Arnold Moene

## List of Publications by Year in Descending Order

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

