## Arnold Moene

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	An Intercomparison of Large-Eddy Simulations of the Stable Boundary Layer. Boundary-Layer Meteorology, 2006, 118, 247-272.	2.3	417
2	Formulation of the Dutch Atmospheric Large-Eddy Simulation (DALES) and overview of its applications. Geoscientific Model Development, 2010, 3, 415-444.	3.6	213
3	A Conceptual View on Inertial Oscillations and Nocturnal Low-Level Jets. Journals of the Atmospheric Sciences, 2010, 67, 2679-2689.	1.7	156
4	The BLLAST field experiment: Boundary-Layer Late Afternoon and Sunset Turbulence. Atmospheric Chemistry and Physics, 2014, 14, 10931-10960.	4.9	151
5	Estimation of sensible heat flux using the Surface Energy Balance System (SEBS) and ATSR measurements. Physics and Chemistry of the Earth, 2003, 28, 75-88.	2.9	137
6	Intermittent Turbulence in the Stable Boundary Layer over Land. Part III: A Classification for Observations during CASES-99. Journals of the Atmospheric Sciences, 2003, 60, 2509-2522.	1.7	137
7	The Minimum Wind Speed for Sustainable Turbulence in the Nocturnal Boundary Layer. Journals of the Atmospheric Sciences, 2012, 69, 3116-3127.	1.7	125
8	Evapotranspiration fluxes over mixed vegetation areas measured from large aperture scintillometer. Agricultural Water Management, 2003, 58, 109-122.	5.6	111
9	An inconvenient "truth―about using sensible heat flux as a surface boundary condition in models under stably stratified regimes. Acta Geophysica, 2008, 56, 88-99.	2.0	92
10	The Cessation of Continuous Turbulence as Precursor of the Very Stable Nocturnal Boundary Layer. Journals of the Atmospheric Sciences, 2012, 69, 3097-3115.	1.7	82
11	Effects of water vapour on the structure parameter of the refractive index for near-infrared radiation. Boundary-Layer Meteorology, 2003, 107, 635-653.	2.3	58
12	An Extra Large Aperture Scintillometer For Long Range Applications. Boundary-Layer Meteorology, 2002, 105, 119-127.	2.3	39
13	Uncertainty analysis for satellite derived sensible heat fluxes and scintillometer measurements over Savannah environment and comparison to mesoscale meteorological simulation results. Agricultural and Forest Meteorology, 2008, 148, 656-667.	4.8	39
14	Intercomparison of Methods for the Simultaneous Estimation of Zero-Plane Displacement and Aerodynamic Roughness Length from Single-Level Eddy-Covariance Data. Boundary-Layer Meteorology, 2014, 151, 373-387.	2.3	31
15	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. Biogeosciences, 2019, 16, 1111-1132.	3.3	17
16	CloudRoots: integration of advanced instrumental techniques and process modelling of sub-hourly and sub-kilometre land–atmosphere interactions. Biogeosciences, 2020, 17, 4375-4404.	3.3	13
17	Integrating canopy and large-scale effects in the convective boundary-layer dynamics during the CHATS experiment. Atmospheric Chemistry and Physics, 2017, 17, 1623-1640.	4.9	9