

Arnold Moene

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8911473/publications.pdf>

Version: 2024-02-01

17
papers

1,828
citations

566801

15
h-index

887659

17
g-index

28
all docs

28
docs citations

28
times ranked

1843
citing authors

#	ARTICLE	IF	CITATIONS
1	An Intercomparison of Large-Eddy Simulations of the Stable Boundary Layer. <i>Boundary-Layer Meteorology</i> , 2006, 118, 247-272.	1.2	417
2	Formulation of the Dutch Atmospheric Large-Eddy Simulation (DALES) and overview of its applications. <i>Geoscientific Model Development</i> , 2010, 3, 415-444.	1.3	213
3	A Conceptual View on Inertial Oscillations and Nocturnal Low-Level Jets. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 2679-2689.	0.6	156
4	The BLLAST field experiment: Boundary-Layer Late Afternoon and Sunset Turbulence. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 10931-10960.	1.9	151
5	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.	1.2	137
6	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.	0.6	137
7	The Minimum Wind Speed for Sustainable Turbulence in the Nocturnal Boundary Layer. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 3116-3127.	0.6	125
8	Evapotranspiration fluxes over mixed vegetation areas measured from large aperture scintillometer. <i>Agricultural Water Management</i> , 2003, 58, 109-122.	2.4	111
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.	1.0	92
10	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.	0.6	82
11	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.	1.2	58
12	An Extra Large Aperture Scintillometer For Long Range Applications. <i>Boundary-Layer Meteorology</i> , 2002, 105, 119-127.	1.2	39
13	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.	1.9	39
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> , 2014, 151, 373-387.	1.2	31
15	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.	1.3	17
16	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.	1.3	13
17	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.	1.9	9