

Larry Mahrt

List of Publications by Year in descending order

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224
papers

16,421
citations

18482

62
h-index

19190

118
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231
all docs

231
docs citations

231
times ranked

8411
citing authors

#	ARTICLE	IF	CITATIONS
1	Types of Vertical Structure of the Nocturnal Boundary Layer. <i>Boundary-Layer Meteorology</i> , 2023, 187, 141-161.	2.3	4
2	Simple formulation of turbulent mixing in the stable free atmosphere and nocturnal boundary layer. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 44, 381.	1.7	52
3	Radiative and turbulent fluxes in the nocturnal boundary layer. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 55, 317.	1.7	20
4	Eigenstructure of eddy microfronts. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 40, 107.	1.7	2
5	Horizontal Variations of Nocturnal Temperature and Turbulence Over Microtopography. <i>Boundary-Layer Meteorology</i> , 2022, 184, 401-422.	2.3	3
6	Thermal Submeso Motions in the Nocturnal Stable Boundary Layer. Part 2: Generating Mechanisms and Implications. <i>Boundary-Layer Meteorology</i> , 2021, 180, 203-224.	2.3	13
7	Thermal Submesoscale Motions in the Nocturnal Stable Boundary Layer. Part 1: Detection and Mean Statistics. <i>Boundary-Layer Meteorology</i> , 2021, 180, 187-202.	2.3	13
8	Small-Scale Spatial Variation of the Nocturnal Wind Field. <i>Boundary-Layer Meteorology</i> , 2021, 180, 225-245.	2.3	4
9	The influence of the wind field and stratification on the nocturnal surface air temperature over modest topography. <i>Journal of Applied Meteorology and Climatology</i> , 2021, , .	1.5	0
10	Vertical divergence of the atmospheric momentum flux near the sea surface at a coastal site. <i>Journal of Physical Oceanography</i> , 2021, , .	1.7	1
11	Small-Scale Variability in the Nocturnal Boundary Layer. <i>Boundary-Layer Meteorology</i> , 2020, 174, 81-98.	2.3	13
12	Non-stationary Boundary Layers. <i>Boundary-Layer Meteorology</i> , 2020, 177, 189-204.	2.3	18
13	The Persistent Challenge of Surface Heterogeneity in Boundary-Layer Meteorology: A Review. <i>Boundary-Layer Meteorology</i> , 2020, 177, 227-245.	2.3	62
14	Timeâ€‘space variations of temperature in the nocturnal boundary layer. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 2756-2767.	2.7	2
15	Sea-Surface Stress Driven by Small-Scale Non-stationary Winds. <i>Boundary-Layer Meteorology</i> , 2020, 176, 13-33.	2.3	3
16	Classifying the nocturnal atmospheric boundary layer into temperature and flow regimes. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 1515-1534.	2.7	20
17	On the Influence of Swell Propagation Angle on Surface Drag. <i>Journal of Applied Meteorology and Climatology</i> , 2019, 58, 1039-1059.	1.5	19
18	Microfronts in the nocturnal boundary layer. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 546-562.	2.7	19

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19	100 Years of Progress in Boundary Layer Meteorology. Meteorological Monographs, 2019, 59, 9.1-9.85.	5.0	61
20	Spatial Variability of the Lower Atmospheric Boundary Layer over Hilly Terrain as Observed with an RPAS. Atmosphere, 2019, 10, 715.	2.3	9
21	Near-Surface Vertical Flux Divergence in the Stable Boundary Layer. Boundary-Layer Meteorology, 2018, 169, 373-393.	2.3	14
22	On Estimating the Surface Wind Stress over the Sea. Journal of Physical Oceanography, 2018, 48, 1533-1541.	1.7	14
23	Is the Influence of Stability on the Sea Surface Heat Flux Important?. Journal of Physical Oceanography, 2017, 47, 689-699.	1.7	8
24	Lee Mixing and Nocturnal Structure over Gentle Topography. Journals of the Atmospheric Sciences, 2017, 74, 1989-1999.	1.7	7
25	Heat Flux in the Strong-Wind Nocturnal Boundary Layer. Boundary-Layer Meteorology, 2017, 163, 161-177.	2.3	13
26	Directional Shear in the Nocturnal Atmospheric Surface Layer. Boundary-Layer Meteorology, 2017, 165, 1-7.	2.3	8
27	Stably Stratified Flow in a Shallow Valley. Boundary-Layer Meteorology, 2017, 162, 1-20.	2.3	19
28	The near-surface evening transition. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 2940-2948.	2.7	8
29	Contrasting structures between the decoupled and coupled states of the stable boundary layer. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 693-702.	2.7	73
30	The Role of Large-Coherent-Eddy Transport in the Atmospheric Surface Layer Based on CASES-99 Observations. Boundary-Layer Meteorology, 2016, 160, 83-111.	2.3	80
31	Turbulence kinetic energy budget during the afternoon transition – Part 1: Observed surface TKE budget and boundary layer description for 10 intensive observation period days. Atmospheric Chemistry and Physics, 2016, 16, 8849-8872.	4.9	25
32	Investigation of interactions between scales of motion in the stable boundary layer. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 2424-2433.	2.7	36
33	Coastal Zone Surface Stress with Stable Stratification. Journal of Physical Oceanography, 2016, 46, 95-105.	1.7	22
34	Surface Stress with Non-stationary Weak Winds and Stable Stratification. Boundary-Layer Meteorology, 2016, 159, 3-21.	2.3	32
35	On the Prospects for Observing Spray-Mediated Air-Sea Transfer in Wind-Water Tunnels. Journals of the Atmospheric Sciences, 2016, 73, 185-198.	1.7	11
36	Interactions among drainage flows, gravity waves and turbulence: a BLLAST case study. Atmospheric Chemistry and Physics, 2015, 15, 9031-9047.	4.9	29

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37	Review of wave-turbulence interactions in the stable atmospheric boundary layer. <i>Reviews of Geophysics</i> , 2015, 53, 956-993.	23.0	112
38	Wind and Temperature Oscillations Generated by Wave-Turbulence Interactions in the Stably Stratified Boundary Layer. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 1484-1503.	1.7	89
39	Dependence of Turbulent Velocities on Wind Speed and Stratification. <i>Boundary-Layer Meteorology</i> , 2015, 155, 55-71.	2.3	45
40	Formulation of the Sea Surface Friction Velocity in Terms of the Mean Wind and Bulk Stability. <i>Journal of Applied Meteorology and Climatology</i> , 2015, 54, 691-703.	1.5	21
41	Decomposition of Spatial Structure of Nocturnal Flow over Gentle Terrain. <i>Boundary-Layer Meteorology</i> , 2015, 156, 337-347.	2.3	8
42	An improved bulk air-sea surface flux algorithm, including spray-mediated transfer. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 642-654.	2.7	83
43	Common Marginal Cold Pools. <i>Journal of Applied Meteorology and Climatology</i> , 2015, 54, 339-351.	1.5	14
44	Submeso Motions within the Stable Boundary Layer and Their Relationships to Local Indicators and Synoptic Regime in Moderately Complex Terrain. <i>Journal of Applied Meteorology and Climatology</i> , 2015, 54, 352-369.	1.5	10
45	BOUNDARY LAYER (ATMOSPHERIC) AND AIR POLLUTION Stably Stratified Boundary Layer. , 2015, , 299-304.		0
46	Low-Level Wind Maxima and Structure of the Stably Stratified Boundary Layer in the Coastal Zone. <i>Journal of Applied Meteorology and Climatology</i> , 2014, 53, 363-376.	1.5	15
47	Stably Stratified Atmospheric Boundary Layers. <i>Annual Review of Fluid Mechanics</i> , 2014, 46, 23-45.	25.0	345
48	Transient Cold Air Drainage down a Shallow Valley. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 2534-2544.	1.7	26
49	Determining Wave-Turbulence Interactions in the Stable Boundary Layer. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, ES11-ES13.	3.3	20
50	Nocturnal wind-directional shear in complex terrain. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 2393-2400.	2.7	9
51	On the Exchange of Momentum over the Open Ocean. <i>Journal of Physical Oceanography</i> , 2013, 43, 1589-1610.	1.7	515
52	The Relationships among Wind, Horizontal Pressure Gradient, and Turbulent Momentum Transport during CASES-99. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 3397-3414.	1.7	29
53	Non-stationary Generation of Weak Turbulence for Very Stable and Weak-Wind Conditions. <i>Boundary-Layer Meteorology</i> , 2013, 147, 179-199.	2.3	77
54	Estimating the Bowen ratio over the open and ice-covered ocean. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 4334-4345.	2.6	19

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55	Estimates of the 10-m Neutral Sea Surface Drag Coefficient from Aircraft Eddy-Covariance Measurements. <i>Journal of Physical Oceanography</i> , 2013, 43, 301-310.	1.7	32
56	A New Drag Relation for Aerodynamically Rough Flow over the Ocean. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 2520-2537.	1.7	97
57	Sensible Heat Flux in Near-Neutral Conditions over the Sea. <i>Journal of Physical Oceanography</i> , 2012, 42, 1134-1142.	1.7	13
58	Turbulence Regimes and Turbulence Intermittency in the Stable Boundary Layer during CASES-99. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 338-351.	1.7	248
59	Is geometry more universal than physics in atmospheric boundary layer flow?. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	31
60	Numerical Prediction of Submesoscale Flow in the Nocturnal Stable Boundary Layer over Complex Terrain. <i>Monthly Weather Review</i> , 2012, 140, 956-977.	1.4	30
61	Turbulence in the nocturnal boundary layer with light and variable winds. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2012, 138, 1430-1439.	2.7	43
62	The Nature, Theory, and Modeling of Atmospheric Planetary Boundary Layers. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, 123-128.	3.3	103
63	Surface Wind Direction Variability. <i>Journal of Applied Meteorology and Climatology</i> , 2011, 50, 144-152.	1.5	57
64	The Near-Calm Stable Boundary Layer. <i>Boundary-Layer Meteorology</i> , 2011, 140, 343-360.	2.3	62
65	Quality Control and Tilt Correction Effects on the Turbulent Fluxes Observed at an Ocean Platform. <i>Journal of Applied Meteorology and Climatology</i> , 2011, 50, 700-712.	1.5	9
66	On drag coefficient parameterization with post processed direct fluxes measurements over the ocean. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2010, 46, 513-523.	2.3	11
67	Variability and Maintenance of Turbulence in the Very Stable Boundary Layer. <i>Boundary-Layer Meteorology</i> , 2010, 135, 1-18.	2.3	79
68	Systematic Vertical Variation of Mesoscale Fluxes in the Nocturnal Boundary Layer. <i>Boundary-Layer Meteorology</i> , 2010, 135, 19-30.	2.3	14
69	Heterogeneous Nocturnal Cooling in a Large Basin Under Very Stable Conditions. <i>Boundary-Layer Meteorology</i> , 2010, 137, 97-113.	2.3	44
70	Sea-surface roughness lengths in the midlatitude coastal zone. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2010, 136, 1089-1093.	2.7	22
71	Common microfronts and other solitary events in the nocturnal boundary layer. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2010, 136, 1712-1722.	2.7	39
72	Non-stationary drainage flows and motions in the cold pool. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2010, 62, 698-705.	1.7	35

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73	Heat fluxes over weak SST heterogeneity. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	12
74	Computing turbulent fluxes near the surface: Needed improvements. <i>Agricultural and Forest Meteorology</i> , 2010, 150, 501-509.	4.8	119
75	Comparison of advection and steam fogs: From direct observation over the sea. <i>Atmospheric Research</i> , 2010, 98, 426-437.	4.1	18
76	Spatial Variation of the Regional Wind Field with Landâ€“Sea Contrasts and Complex Topography. <i>Journal of Applied Meteorology and Climatology</i> , 2009, 48, 1929-1939.	1.5	9
77	Characteristics of Submeso Winds in the Stable Boundary Layer. <i>Boundary-Layer Meteorology</i> , 2009, 130, 1-14.	2.3	61
78	Horizontal diffusion by submeso motions in the stable boundary layer. <i>Environmental Fluid Mechanics</i> , 2009, 9, 443-456.	1.6	14
79	Spaceâ€“time structure of mesoscale motions in the stable boundary layer. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 67-75.	2.7	31
80	NASA Cold Land Processes Experiment (CLPX 2002/03): Ground-Based and Near-Surface Meteorological Observations. <i>Journal of Hydrometeorology</i> , 2009, 10, 330-337.	1.9	20
81	NASA Cold Land Processes Experiment (CLPX 2002/03): Airborne Remote Sensing. <i>Journal of Hydrometeorology</i> , 2009, 10, 338-346.	1.9	42
82	Fluxâ€“gradient relationship of water vapor in the surface layer obtained from CASESâ€“99 experiment. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	11
83	The Influence of Transient Flow Distortion on Turbulence in Stable Weak-Wind Conditions. <i>Boundary-Layer Meteorology</i> , 2008, 127, 1-16.	2.3	26
84	Bulk formulation of surface fluxes extended to weakâ€“wind stable conditions. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2008, 134, 1-10.	2.7	36
85	Particle simulations of dispersion using observed meandering and turbulence. <i>Acta Geophysica</i> , 2008, 56, 234-256.	2.0	22
86	Mesoscale wind direction shifts in the stable boundary-layer. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2008, 60, 700-705.	1.7	27
87	Estimation of length scales from mesoscale networks. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2008, 60, 706-715.	1.7	19
88	Exploring the Possible Role of Small-Scale Terrain Drag on Stable Boundary Layers over Land. <i>Journal of Applied Meteorology and Climatology</i> , 2008, 47, 2518-2530.	1.5	56
89	Mesoscale wind direction shifts in the stable boundary-layer. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2008, , .	1.7	1
90	Evaluation of Boundary Layer Similarity Theory for Stable Conditions in CASES-99. <i>Monthly Weather Review</i> , 2007, 135, 3474-3483.	1.4	30

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91	The Coupled Boundary Layers and Air-Sea Transfer Experiment in Low Winds. Bulletin of the American Meteorological Society, 2007, 88, 341-356.	3.3	154
92	The Very Stable Boundary Layer on Nights with Weak Low-Level Jets. Journals of the Atmospheric Sciences, 2007, 64, 3068-3090.	1.7	97
93	Observations of the cross-wind velocity variance in the stable boundary layer. Environmental Fluid Mechanics, 2007, 7, 55-71.	1.6	39
94	Weak-wind mesoscale meandering in the nocturnal boundary layer. Environmental Fluid Mechanics, 2007, 7, 331-347.	1.6	65
95	Effects of mesoscale sea-surface temperature fronts on the marine atmospheric boundary layer. Boundary-Layer Meteorology, 2007, 123, 219-237.	2.3	61
96	The influence of nonstationarity on the turbulent flux-gradient relationship for stable stratification. Boundary-Layer Meteorology, 2007, 125, 245-264.	2.3	60
97	Turbulent carbon exchange in very stable conditions. Boundary-Layer Meteorology, 2007, 125, 49-61.	2.3	27
98	The influence of nonstationarity on the turbulent flux-gradient relationship for stable stratification. , 2007, , 89-108.		0
99	Evaluation of the air-sea bulk formula and sea-surface temperature variability from observations. Journal of Geophysical Research, 2006, 111, .	3.3	27
100	Uncertainties in, and interpretation of, carbon flux estimates using the eddy covariance technique. Journal of Geophysical Research, 2006, 111, .	3.3	179
101	Contrasting mean vertical motion from tilt correction methods and mass continuity. Agricultural and Forest Meteorology, 2006, 138, 93-103.	4.8	43
102	Variation of Surface Air Temperature in Complex Terrain. Journal of Applied Meteorology and Climatology, 2006, 45, 1481-1493.	1.5	50
103	Response to "Comments on 'Flux-gradient relationship, self-correlation and intermittency in the stable boundary layer'". Quarterly Journal of the Royal Meteorological Society, 2006, 132, 1375-1375.	2.7	2
104	Vertically integrated sensible-heat budgets for stable nocturnal boundary layers. Quarterly Journal of the Royal Meteorological Society, 2006, 132, 383-403.	2.7	12
105	A Solution for Flux Contamination by Mesoscale Motions With Very Weak Turbulence. Boundary-Layer Meteorology, 2006, 118, 431-447.	2.3	112
106	Extremely Weak Mixing in Stable Conditions. Boundary-Layer Meteorology, 2006, 119, 19-39.	2.3	104
107	A Numerical Modeling Study of Warm Offshore Flow over Cool Water. Monthly Weather Review, 2005, 133, 345-361.	1.4	39
108	Displacement Measurement Errors from Moving Platforms. Journal of Atmospheric and Oceanic Technology, 2005, 22, 860-868.	1.3	11

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109	Air Temperature Measurement Errors in Naturally Ventilated Radiation Shields. Journal of Atmospheric and Oceanic Technology, 2005, 22, 1046-1058.	1.3	104
110	Moisture fluxes over snow with and without protruding vegetation. Quarterly Journal of the Royal Meteorological Society, 2005, 131, 1251-1270.	2.7	22
111	A study of intermittent turbulence with cases-99 tower measurements. Boundary-Layer Meteorology, 2005, 114, 367-387.	2.3	54
112	Boundary-Layer Adjustment Over Small-Scale Changes of Surface Heat Flux. Boundary-Layer Meteorology, 2005, 116, 313-330.	2.3	68
113	Measurement of Directional Wave Spectra Using Aircraft Laser Altimeters. Journal of Atmospheric and Oceanic Technology, 2005, 22, 869-885.	1.3	17
114	Similarity Theory, Intermittency and Turbulences in the Stable Boundary Layer. Key Engineering Materials, 2005, 277-279, 618-624.	0.4	1
115	Effect of stability on mixing in open canopies. Agricultural and Forest Meteorology, 2005, 135, 169-179.	4.8	19
116	Atmospheric Disturbances that Generate Intermittent Turbulence in Nocturnal Boundary Layers. Boundary-Layer Meteorology, 2004, 110, 255-279.	2.3	185
117	ONE- and TWO-Equation Models for Canopy Turbulence. Boundary-Layer Meteorology, 2004, 113, 81-109.	2.3	311
118	Flux- ϵ gradient relationship, self-correlation and intermittency in the stable boundary layer. Quarterly Journal of the Royal Meteorological Society, 2004, 130, 2087-2103.	2.7	146
119	An evaluation of snowmelt and sublimation over short vegetation in land surface modelling. Hydrological Processes, 2004, 18, 3543-3557.	2.6	14
120	Comparison of heat and moisture fluxes from a modified soil-plant-atmosphere model with observations from BOREAS. Journal of Geophysical Research, 2004, 109, .	3.3	10
121	Bulk Formulation of the Surface Heat Flux. Boundary-Layer Meteorology, 2004, 110, 357-379.	2.3	42
122	Evaluating Formulations of Stable Boundary Layer Height. Journal of Applied Meteorology and Climatology, 2004, 43, 1736-1749.	1.7	75
123	Stationarity, Homogeneity, and Ergodicity in Canopy Turbulence. , 2004, , 161-180.		10
124	Post-Field Data Quality Control. , 2004, , 181-208.		249
125	Dependence of Turbulent Velocity Variances on Scale and Stability. , 2004, , 437-444.		0
126	Conditional Analysis of an Internal Boundary Layer. Boundary-Layer Meteorology, 2003, 108, 1-17.	2.3	12

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127	The Cospectral Gap and Turbulent Flux Calculations. Journal of Atmospheric and Oceanic Technology, 2003, 20, 660-672.	1.3	228
128	Along-shore variations of offshore flow. Geophysical Research Letters, 2003, 30, .	4.0	0
129	Sea-surface aerodynamic roughness. Journal of Geophysical Research, 2003, 108, .	3.3	20
130	Formulation of Turbulent Fluxes in the Stable Boundary Layer. Journals of the Atmospheric Sciences, 2003, 60, 2538-2548.	1.7	49
131	Radiative and turbulent fluxes in the nocturnal boundary layer. Tellus, Series A: Dynamic Meteorology and Oceanography, 2003, 55, 317-327.	1.7	31
132	Relationship of area-averaged carbon dioxide and water vapour fluxes to atmospheric variables. Agricultural and Forest Meteorology, 2002, 112, 195-202.	4.8	23
133	Observations Of Nocturnal Drainage Flow In A Shallow Gully. Boundary-Layer Meteorology, 2002, 105, 253-273.	2.3	63
134	Contrasting vertical structures of nocturnal boundary layers. Boundary-Layer Meteorology, 2002, 105, 351-363.	2.3	145
135	Nocturnal Low-Level Jet Characteristics Over Kansas During Cases-99. Boundary-Layer Meteorology, 2002, 105, 221-252.	2.3	302
136	Surface stress in offshore flow and quasi-frictional decoupling. Journal of Geophysical Research, 2001, 106, 20629-20639.	3.3	21
137	Momentum transfer over the coastal zone. Journal of Geophysical Research, 2001, 106, 12437-12448.	3.3	40
138	Similarity theory for local and spatially averaged momentum fluxes. Agricultural and Forest Meteorology, 2001, 108, 265-279.	4.8	15
139	Dependence of Turbulent and Mesoscale Velocity Variances on Scale and Stability. Journal of Applied Meteorology and Climatology, 2001, 40, 628-641.	1.7	29
140	Simple Inclusion of z-less Turbulence within and above the Modeled Nocturnal Boundary Layer. Monthly Weather Review, 2001, 129, 2136-2143.	1.4	27
141	Calculation of Area-Averaged Fluxes: Application to BOREAS. Journal of Applied Meteorology and Climatology, 2001, 40, 915-920.	1.7	15
142	Structure of Offshore Flow. Monthly Weather Review, 2001, 129, 1251-1258.	1.4	38
143	Determination Of The Surface Drag Coefficient. Boundary-Layer Meteorology, 2001, 99, 249-276.	2.3	60
144	Vertical Structure Of Turbulence In Offshore Flow During Rasex. Boundary-Layer Meteorology, 2001, 100, 47-61.	2.3	17

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145	Shallow Drainage Flows. <i>Boundary-Layer Meteorology</i> , 2001, 101, 243-260.	2.3	148
146	Spatial variations of surface moisture flux from aircraft data. <i>Advances in Water Resources</i> , 2001, 24, 1133-1141.	3.8	39
147	Surface Heterogeneity and Vertical Structure of the Boundary Layer. <i>Boundary-Layer Meteorology</i> , 2000, 96, 33-62.	2.3	183
148	Nocturnal mixing in a forest subcanopy. <i>Agricultural and Forest Meteorology</i> , 2000, 101, 67-78.	4.8	63
149	Observations of non-dimensional wind shear in the coastal zone. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1999, 125, 2685-2702.	2.7	31
150	Stratified Atmospheric Boundary Layers. <i>Boundary-Layer Meteorology</i> , 1999, 90, 375-396.	2.3	524
151	The Coastal Zone. <i>Atmospheric and Oceanographic Sciences Library</i> , 1999, , 247-267.	0.1	11
152	Heat Flux in the Coastal Zone. <i>Boundary-Layer Meteorology</i> , 1998, 86, 421-446.	2.3	39
153	Nocturnal Boundary-Layer Regimes. <i>Boundary-Layer Meteorology</i> , 1998, 88, 255-278.	2.3	288
154	Stratified Atmospheric Boundary Layers and Breakdown of Models. <i>Theoretical and Computational Fluid Dynamics</i> , 1998, 11, 263-279.	2.2	239
155	Estimation of area-averaged moisture flux. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1998, 124, 2793-2815.	2.7	8
156	Transport of carbon dioxide, water vapor, and ozone by turbulence and local circulations. <i>Journal of Geophysical Research</i> , 1998, 103, 25873-25885.	3.3	77
157	Flux Sampling Errors for Aircraft and Towers. <i>Journal of Atmospheric and Oceanic Technology</i> , 1998, 15, 416-429.	1.3	401
158	Quality Control and Flux Sampling Problems for Tower and Aircraft Data. <i>Journal of Atmospheric and Oceanic Technology</i> , 1997, 14, 512-526.	1.3	1,214
159	Scaling up flux measurements for the boreal forest using aircraft-tower combinations. <i>Journal of Geophysical Research</i> , 1997, 102, 29125-29133.	3.3	107
160	Lake-induced atmospheric circulations during BOREAS. <i>Journal of Geophysical Research</i> , 1997, 102, 29155-29166.	3.3	50
161	Formulation of surface heat flux: Application to BOREAS. <i>Journal of Geophysical Research</i> , 1997, 102, 29641-29649.	3.3	32
162	Multiresolution Flux Decomposition. <i>Boundary-Layer Meteorology</i> , 1997, 83, 117-137.	2.3	141

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163	Fetch Limited Drag Coefficients. <i>Boundary-Layer Meteorology</i> , 1997, 85, 53-79.	2.3	89
164	Impact of soil water property parameterization on atmospheric boundary layer simulation. <i>Journal of Geophysical Research</i> , 1996, 101, 7269-7277.	3.3	92
165	Sea surface drag coefficients in the RisÅ, Air Sea Experiment. <i>Journal of Geophysical Research</i> , 1996, 101, 14327-14335.	3.3	76
166	Scale Dependence of Air-Sea Fluxes over the Western Equatorial Pacific. <i>Journals of the Atmospheric Sciences</i> , 1996, 53, 2997-3012.	1.7	53
167	The bulk aerodynamic formulation over heterogeneous surfaces. <i>Boundary-Layer Meteorology</i> , 1996, 78, 87-119.	2.3	114
168	The Bulk Aerodynamic Formulation over Heterogeneous Surfaces. , 1996, , 87-119.		17
169	Estimation of Surface Heat Flux. <i>Journals of the Atmospheric Sciences</i> , 1995, 52, 3162-3171.	1.7	33
170	Determination of Surface Fluxes from the Surface Radiative Temperature. <i>Journals of the Atmospheric Sciences</i> , 1995, 52, 1096-1106.	1.7	110
171	A two-scale mixing formulation for the atmospheric boundary layer. <i>Boundary-Layer Meteorology</i> , 1995, 73, 91-104.	2.3	35
172	Relationship of surface heat flux to microscale temperature variations: Application to boreas. <i>Boundary-Layer Meteorology</i> , 1995, 76, 291-301.	2.3	48
173	Dependence of surface exchange coefficients on averaging scale and grid size. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1995, 121, 1835-1852.	2.7	33
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