Zhiqiu Gao

List of Publications by Year
in descending order

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139 papers	4,043 citations	101543 36 h-index	155660 55 g-index
144 all docs	144 docs citations	144 times ranked	4599 citing authors

#	Article	IF	Citations
1	Modeling the impact of urbanization on the local and regional climate in Yangtze River Delta, China. Theoretical and Applied Climatology, 2010, 102, 331-342.	2.8	183
2	Contrasting responses of urban and rural surface energy budgets to heat waves explain synergies between urban heat islands and heat waves. Environmental Research Letters, 2015, 10, 054009.	5.2	157
3	Real-Time Characterization of Aerosol Particle Composition above the Urban Canopy in Beijing: Insights into the Interactions between the Atmospheric Boundary Layer and Aerosol Chemistry. Environmental Science & Technology, 2015, 49, 11340-11347.	10.0	124
4	The two-way feedback mechanism between unfavorable meteorological conditions and cumulative aerosol pollution in various haze regions of China. Atmospheric Chemistry and Physics, 2019, 19, 3287-3306.	4.9	97
5	Identification of critical success factors for sustainable development of biofuel industry in China based on grey decision-making trial and evaluation laboratory (DEMATEL). Journal of Cleaner Production, 2016, 131, 500-508.	9.3	95
6	PM_{2.5} Pollution Modulates Wintertime Urban Heat Island Intensity in the Beijingâ€Tianjinâ€Hebei Megalopolis, China. Geophysical Research Letters, 2020, 47, e2019GL084288.	4.0	88
7	Temporal and spatial variations in radiation and energy balance across a large freshwater lake in China. Journal of Hydrology, 2014, 511, 811-824.	5.4	85
8	AN ANALYTICAL SOLUTION TO ONE-DIMENSIONAL THERMAL CONDUCTION-CONVECTION IN SOIL. Soil Science, 2003, 168, 99-107.	0.9	81
9	Burning in agricultural landscapes: an emerging natural and human issue in China. Landscape Ecology, 2014, 29, 1785-1798.	4.2	78
10	The Taihu Eddy Flux Network: An Observational Program on Energy, Water, and Greenhouse Gas Fluxes of a Large Freshwater Lake. Bulletin of the American Meteorological Society, 2014, 95, 1583-1594.	3.3	77
11	Effects of Irrigation on Summer Precipitation over the United States. Journal of Climate, 2016, 29, 3541-3558.	3.2	75
12	Longâ€Term Trends of Persistent Synoptic Circulation Events in Planetary Boundary Layer and Their Relationships With Haze Pollution in Winter Half Year Over Eastern China. Journal of Geophysical Research D: Atmospheres, 2018, 123, 10,991.	3.3	75
13	Effects of precipitation on grassland ecosystem restoration under grazing exclusion in Inner Mongolia, China. Landscape Ecology, 2014, 29, 1657-1673.	4.2	73
14	Balancing regional industrial development: analysis on regional disparity of China's industrial emissions and policy implications. Journal of Cleaner Production, 2016, 126, 223-235.	9.3	73
15	Highlighting regional eco-industrial development: Life cycle benefits of an urban industrial symbiosis and implications in China. Ecological Modelling, 2017, 361, 164-176.	2.5	71
16	Determination of soil heat flux in a tibetan short-grass prairie. Boundary-Layer Meteorology, 2005, 114, 165-178.	2.3	70
17	Modeling of surface energy partitioning, surface temperature, and soil wetness in the Tibetan prairie using the Simple Biosphere Model 2 (SiB2). Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	69
18	Estimate of Boundary-Layer Depth Over Beijing, China, Using Doppler Lidar Data During SURF-2015. Boundary-Layer Meteorology, 2017, 162, 503-522.	2.3	69

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19	Relationship Between Fine-Particle Pollution and the Urban Heat Island in Beijing, China: Observational Evidence. Boundary-Layer Meteorology, 2018, 169, 93-113.	2.3	69
20	Turbulent Transport of Momentum and Scalars Above an Urban Canopy. Boundary-Layer Meteorology, 2014, 150, 485-511.	2.3	60
21	Changes in Wind Speed under Heat Waves Enhance Urban Heat Islands in the Beijing Metropolitan Area. Journal of Applied Meteorology and Climatology, 2016, 55, 2369-2375.	1.5	57
22	Life cycle energy and CO2 emission optimization for biofuel supply chain planning under uncertainties. Energy, 2016, 103, 151-166.	8.8	48
23	Vertical observations of the atmospheric boundary layer structure over Beijing urban area during air pollution episodes. Atmospheric Chemistry and Physics, 2019, 19, 6949-6967.	4.9	48
24	An urban-rural and sex differences in cancer incidence and mortality and the relationship with PM2.5 exposure: An ecological study in the southeastern side of Hu line. Chemosphere, 2019, 216, 766-773.	8.2	47
25	Profitability of wind energy investments in China using a Monte Carlo approach for the treatment of uncertainties. Renewable and Sustainable Energy Reviews, 2014, 40, 224-236.	16.4	46
26	WRF Model Sensitivity to Land Surface Model and Cumulus Parameterization under Short-Term Climate Extremes over the Southern Great Plains of the United States. Journal of Climate, 2014, 27, 7703-7724.	3.2	45
27	Sustainable development of sewage sludge-to-energy in China: Barriers identification and technologies prioritization. Renewable and Sustainable Energy Reviews, 2017, 67, 384-396.	16.4	45
28	Robust drying and wetting trends found in regions over China based on KÃ¶ppen climate classifications. Journal of Geophysical Research D: Atmospheres, 2017, 122, 4228-4237.	3.3	44
29	The evaluation of <scp>FY4A</scp>'s Geostationary Interferometric Infrared Sounder (<scp>GIIRS</scp>) longâ€wave temperature sounding channels using the <scp>GRAPES</scp> global <scp>4Dâ€Var</scp>. Quarterly Journal of the Royal Meteorological Society, 2020, 146, 1459-1476.	2.7	44
30	Intermodel Variability and Mechanism Attribution of Central and Southeastern U.S. Anomalous Cooling in the Twentieth Century as Simulated by CMIP5 Models. Journal of Climate, 2013, 26, 6215-6237.	3.2	43
31	Impact of High Temporal Resolution FYâ€4A Geostationary Interferometric Infrared Sounder (GIIRS) Radiance Measurements on Typhoon Forecasts: Maria (2018) Case With GRAPES Global 4Dâ€Var Assimilation System. Geophysical Research Letters, 2021, 48, e2021GL093672.	4.0	42
32	Wind resource potential assessment using a long term tower measurement approach: A case study of Beijing in China. Journal of Cleaner Production, 2018, 174, 917-926.	9.3	41
33	Spatial distribution of China×³s renewable energy industry: Regional features and implications for a harmonious development future. Renewable and Sustainable Energy Reviews, 2016, 58, 1521-1531.	16.4	40
34	Analysis of energy storage systems to exploit wind energy curtailment in Crete. Renewable and Sustainable Energy Reviews, 2019, 103, 122-139.	16.4	40
35	Modulations of surface thermal environment and agricultural activity on intraseasonal variations of summer diurnal temperature range in the Yangtze River Delta of China. Science of the Total Environment, 2020, 736, 139445.	8.0	39
36	An Improved Approach for Parameterizing Surface-Layer Turbulent Transfer Coefficients in Numerical Models. Boundary-Layer Meteorology, 2010, 137, 153-165.	2.3	38

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37	A high-resolution monitoring approach of canopy urban heat island using a random forest model and multi-platform observations. Atmospheric Measurement Techniques, 2022, 15, 735-756.	3.1	38
38	Measurements of turbulent transfer in the near-surface layer over a rice paddy in China. Journal of Geophysical Research, 2003, 108, n/a-n/a.	3.3	37
39	Comparison of two soil temperature algorithms for a bare ground site on the Loess Plateau in China. Journal of Geophysical Research, 2008, 113, .	3.3	36
40	Feasibility of a new-generation nighttime light data for estimating in-use steel stock of buildings and civil engineering infrastructures. Resources, Conservation and Recycling, 2017, 123, 11-23.	10.8	36
41	Attribution and mitigation of heat wave-induced urban heat storage change. Environmental Research Letters, 2017, 12, 114007.	5.2	35
42	Basin-wide responses of the South China Sea environment to Super Typhoon Mangkhut (2018). Science of the Total Environment, 2020, 731, 139093.	8.0	34
43	Impact of Tibetan Plateau Surface Heating on Persistent Extreme Precipitation Events in Southeastern China. Monthly Weather Review, 2017, 145, 3485-3505.	1.4	33
44	Spatiotemporal variability of extreme temperature frequency and amplitude in China. Atmospheric Research, 2017, 185, 131-141.	4.1	33
45	The impact of urbanization on wind speed and surface aerodynamic characteristics in Beijing during 1991â€“2011. Meteorology and Atmospheric Physics, 2018, 130, 311-324.	2.0	33
46	Seasonal and diurnal variations in moisture, heat, and CO2fluxes over grassland in the tropical monsoon region of southern China. Journal of Geophysical Research, 2007, 112, .	3.3	32
47	Contrasting characteristics of the surface energy balance between the urban and rural areas of Beijing. Advances in Atmospheric Sciences, 2015, 32, 505-514.	4.3	31
48	Diurnal Evolution of the Wintertime Boundary Layer in Urban Beijing, China: Insights from Doppler Lidar and a 325-m Meteorological Tower. Remote Sensing, 2020, 12, 3935.	4.0	31
49	Observed drag coefficients in high winds in the near offshore of the South China Sea. Journal of Geophysical Research D: Atmospheres, 2015, 120, 6444-6459.	3.3	30
50	An Empirical Model for Estimating Soil Thermal Conductivity from Soil Water Content and Porosity. Journal of Hydrometeorology, 2016, 17, 601-613.	1.9	30
51	Observed Linkage between Tibetan Plateau Soil Moisture and South Asian Summer Precipitation and the Possible Mechanism. Journal of Climate, 2021, 34, 361-377.	3.2	30
52	Surface Meteorological Conditions and Boundary Layer Height Variations During an Air Pollution Episode in Nanjing, China. Journal of Geophysical Research D: Atmospheres, 2019, 124, 3350-3364.	3.3	29
53	On sea surface roughness parameterization and its effect on tropical cyclone structure and intensity. Advances in Atmospheric Sciences, 2010, 27, 337-355.	4.3	28
54	Impacts of the near-surface urban boundary layer structure on PM2.5 concentrations in Beijing during winter. Science of the Total Environment, 2019, 669, 493-504.	8.0	28

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55	Diurnal Climatology of Planetary Boundary Layer Height Over the Contiguous United States Derived From AMDAR and Reanalysis Data. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032803.	3.3	28
56	An Analytical Solution to the Oneâ€Dimensional Heat Conductionâ€“Convection Equation in Soil. Soil Science Society of America Journal, 2012, 76, 1978-1986.	2.2	27
57	Seasonal and interannual variations of carbon exchange over a rice-wheat rotation system on the North China Plain. Advances in Atmospheric Sciences, 2015, 32, 1365-1380.	4.3	27
58	Comparisons of remote sensing and reanalysis soil moisture products over the Tibetan Plateau, China. Cold Regions Science and Technology, 2018, 146, 110-121.	3.5	27
59	Design for sustainability of industrial symbiosis based on emergy and multi-objective particle swarm optimization. Science of the Total Environment, 2016, 562, 789-801.	8.0	26
60	Current and future precipitation extremes over Mississippi and Yangtze River basins as simulated in CMIP5 models. Journal of Earth Science (Wuhan, China), 2016, 27, 22-36.	3.2	26
61	Characteristics of sea breezes over the Jiangsu coastal area, China. International Journal of Climatology, 2016, 36, 3908-3916.	3.5	25
62	Measurements Of Turbulence Transfer In The Near-Surface Layer Over The Southeastern Tibetan Plateau. Boundary-Layer Meteorology, 2002, 102, 281-300.	2.3	24
63	Wave-dependence of friction velocity, roughness length, and drag coefficient over coastal and open water surfaces by using three databases. Advances in Atmospheric Sciences, 2009, 26, 887-894.	4.3	24
64	Multi-actor multi-criteria sustainability assessment framework for energy and industrial systems in life cycle perspective under uncertainties. Part 2: improved extension theory. International Journal of Life Cycle Assessment, 2017, 22, 1406-1417.	4.7	23
65	Sensitivity of urban boundary layer simulation to urban canopy models and PBL schemes in Beijing. Meteorology and Atmospheric Physics, 2019, 131, 1235-1248.	2.0	23
66	Development and Evaluation of a Longâ€Term Data Record of Planetary Boundary Layer Profiles From Aircraft Meteorological Reports. Journal of Geophysical Research D: Atmospheres, 2019, 124, 2008-2030.	3.3	21
67	Rainfall Contribution of Tropical Cyclones in the Bay of Bengal between 1998 and 2016 using TRMM Satellite Data. Atmosphere, 2019, 10, 699.	2.3	21
68	Evaluating the impacts of cumulus, land surface and ocean surface schemes on summertime rainfall simulations over East-to-southeast Asia and the western north Pacific by RegCM4. Climate Dynamics, 2016, 46, 2487-2505.	3.8	20
69	Observations of nearâ€surface wind and temperature structures and their variations with topography and latitude in East Antarctica. Journal of Geophysical Research, 2009, 114, .	3.3	19
70	Reâ€evaluating the variation in trend of haze days in the urban areas of Beijing during a recent 36â€year period. Atmospheric Science Letters, 2019, 20, e878.	1.9	19
71	Meteorological conditions for severe foggy haze episodes over north China in 2016â€“2017 winter. Atmospheric Environment, 2019, 199, 284-298.	4.1	19
72	An alternative approach to sea surface aerodynamic roughness. Journal of Geophysical Research, 2006, 111, .	3.3	18

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73	Comparison of Six Algorithms to Determine the Soil Apparent Thermal Diffusivity at a Site in the Loess Plateau of China. Soil Science, 2010, 175, 51-60.	0.9	18
74	Priorities for Boundary Layer Meteorology Research in China. Bulletin of the American Meteorological Society, 2015, 96, ES149-ES151.	3.3	17
75	High-Spatial-Resolution Population Exposure to PM2.5 Pollution Based on Multi-Satellite Retrievals: A Case Study of Seasonal Variation in the Yangtze River Delta, China in 2013. Remote Sensing, 2019, 11, 2724.	4.0	17
76	Thermal property values of a central Iowa soil as functions of soil water content and bulk density or of soil air content. European Journal of Soil Science, 2020, 71, 169-178.	3.9	17
77	Analyses of turbulence parameters in the near-surface layer at Qamdo of the Southeastern Tibetan Plateau. Advances in Atmospheric Sciences, 2003, 20, 369-378.	4.3	16
78	An inter-comparison of six latent and sensible heat flux products over the Southern Ocean. Polar Research, 2011, 30, 10167.	1.6	16
79	Temporal characteristics of carbon dioxide and ozone over a rural-cropland area in the Yangtze River Delta of eastern China. Science of the Total Environment, 2021, 757, 143750.	8.0	16
80	Multi-actor multi-criteria sustainability assessment framework for energy and industrial systems in life cycle perspective under uncertainties. Part 1: weighting method. International Journal of Life Cycle Assessment, 2017, 22, 1397-1405.	4.7	14
81	Soil Apparent Thermal Diffusivity Estimated by Conduction and by Conductionâ€“Convection Heat Transfer Models. Journal of Hydrometeorology, 2017, 18, 109-118.	1.9	14
82	Aircraft observed diurnal variations of the planetary boundary layer under heat waves. Atmospheric Research, 2020, 235, 104801.	4.1	14
83	Spatiotemporal variability in long-term population exposure to PM2.5 and lung cancer mortality attributable to PM2.5 across the Yangtze River Delta (YRD) region over 2010â€“2016: A multistage approach. Chemosphere, 2020, 257, 127153.	8.2	14
84	Impact of soil vertical water movement on the energy balance of different land surfaces. International Journal of Biometeorology, 2007, 51, 565-573.	3.0	13
85	Scalar Fluxâ€“Gradient Relationships Under Unstable Conditions over Water in Coastal Regions. Boundary-Layer Meteorology, 2013, 148, 495-516.	2.3	13
86	On the surface fluxes characteristics and roughness lengths at Zhongshan station, Antarctica. International Journal of Digital Earth, 2019, 12, 878-892.	3.9	13
87	Turbulent variance characteristics of temperature and humidity over a non-uniform land surface for an agricultural ecosystem in China. Advances in Atmospheric Sciences, 2006, 23, 365-374.	4.3	12
88	Lessons learnt from the evaluation of the feed-in tariff scheme for offshore wind farms in Greece using a Monte Carlo approach. Journal of Wind Engineering and Industrial Aerodynamics, 2016, 157, 63-75.	3.9	12
89	Estimate of boundary-layer depth in Nanjing city using aerosol lidar data during 2016â€“2017 winter. Atmospheric Environment, 2019, 205, 67-77.	4.1	12
90	Comparison of Sensible Heat Fluxes Measured by a Large Aperture Scintillometer and Eddy Covariance System over a Heterogeneous Farmland in East China. Atmosphere, 2017, 8, 101.	2.3	11

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91	Comparison of Different Multicriteria Decision-Making Methodologies for Sustainability Decision Making. , 2017, , 189-224.		11
92	Assessment of urban surface thermal environment using MODIS with a population-weighted method: a case study. Journal of Spatial Science, 2019, 64, 287-300.	1.5	11
93	Atmospheric boundary layer turbulence structure for severe foggy haze episodes in north China in December 2016. Environmental Pollution, 2020, 264, 114726.	7.5	11
94	Elucidating roles of near-surface vertical layer structure in different stages of PM2.5 pollution episodes over urban Beijing during 2004â€“2016. Atmospheric Environment, 2021, 246, 118157.	4.1	11
95	Aggregate-Associated Organic Carbon and Nitrogen Impacted by the Long-Term Application of Fertilizers, Rice Straw, and Pig Manure. Soil Science, 2014, 179, 522-528.	0.9	10
96	Determination of Desert Soil Apparent Thermal Diffusivity Using a Conductionâ€Convection Algorithm. Journal of Geophysical Research D: Atmospheres, 2017, 122, 9569-9578.	3.3	10
97	Aerosol vertical mass flux measurements during heavy aerosol pollution episodes at a rural site and an urban site in the Beijing area of the North China Plain. Atmospheric Chemistry and Physics, 2019, 19, 12857-12874.	4.9	10
98	Vertical Gradient Variations in Radiation Budget and Heat Fluxes in the Urban Boundary Layer: A Comparison Study Between Polluted and Clean Air Episodes in Beijing During Winter. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032478.	3.3	10
99	Application of a Radar Echo Extrapolationâ€Based Deep Learning Method in Strong Convection Nowcasting. Earth and Space Science, 2021, 8, e2020EA001621.	2.6	10
100	Climate simulations with a new airâ€sea turbulent flux parameterization in the National Center for Atmospheric Research Community Atmosphere Model (CAM3). Journal of Geophysical Research, 2010, 115, .	3.3	9
101	Seasonal Variation in Turbulent Fluxes over Tibetan Plateau and Its Surrounding Areas: Research Note. Journal of the Meteorological Society of Japan, 2012, 90C, 157-171.	1.8	9
102	The sensitivity of ground surface temperature prediction to soil thermal properties Using the Simple Biosphere Model (SiB2). Advances in Atmospheric Sciences, 2012, 29, 623-634.	4.3	9
103	Phosphorus Availability and Transformation as Affected by Repeated Phosphorus Additions in an Ultisol. Communications in Soil Science and Plant Analysis, 2015, 46, 1922-1933.	1.4	9
104	Evaluating the performance of two surface layer schemes for the momentum and heat exchange processes during severe haze pollution in Jing-Jin-Ji in eastern China. Atmospheric Chemistry and Physics, 2018, 18, 17421-17435.	4.9	9
105	Experimental investigation of the atmospheric boundary layer flow past a building model with openings. Building and Environment, 2018, 141, 166-181.	6.9	9
106	Nocturnal surface radiation cooling modulated by cloud cover change reinforces PM2.5 accumulation: Observational study of heavy air pollution in the Sichuan Basin, Southwest China. Science of the Total Environment, 2021, 794, 148624.	8.0	9
107	CO2 Monitoring and Background Mole Fraction at Zhongshan Station, Antarctica. Atmosphere, 2014, 5, 686-698.	2.3	8
108	Influences of MJO on the Diurnal Variation and Associated Offshore Propagation of Rainfall near Western Coast of Sumatra. Atmosphere, 2022, 13, 330.	2.3	8

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109	The intraseasonal variability of winter semester surface air temperature in Antarctica. Polar Research, 2011, 30, 6039.	1.6	7
110	Recordâ€breaking temperatures in China during the warming and recent hiatus periods. Journal of Geophysical Research D: Atmospheres, 2016, 121, 241-258.	3.3	7
111	North Pacific SST Forcing on the Central United States â€œWarming Holeâ€•as Simulated in CMIP5 Coupled Historical and Uncoupled AMIP Experiments. Atmosphere - Ocean, 2017, 55, 57-77.	1.6	7
112	Surface Energy Budget Observed for Winter Wheat in the North China Plain During a Fogâ€“Haze Event. Boundary-Layer Meteorology, 2019, 170, 489-505.	2.3	7
113	Denoising Algorithm for the FY-4A GIIRS Based on Principal Component Analysis. Remote Sensing, 2019, 11, 2710.	4.0	7
114	Effects of Roll Vortices on the Evolution of Hurricane Harvey during Landfall. Journals of the Atmospheric Sciences, 2021, 78, 1847-1867.	1.7	7
115	Asymmetric and heterogeneous frequency of high and low recordâ€breaking temperatures in China as an indication of warming climate becoming more extreme. Journal of Geophysical Research D: Atmospheres, 2013, 118, 6152-6164.	3.3	6
116	An Update of Non-iterative Solutions for Surface Fluxes Under Unstable Conditions. Boundary-Layer Meteorology, 2015, 156, 501-511.	2.3	6
117	Structure of summer atmospheric boundary layer in the center of Arctic Ocean and its relation with sea ice extent change. Science China Earth Sciences, 2016, 59, 1057-1065.	5.2	6
118	Improving Soil Heat Flux Accuracy with the Philip Correction Technique. Journal of Hydrometeorology, 2019, 20, 1435-1448.	1.9	6
119	Improvement of Drag Coefficient Calculation Under Nearâ€Neutral Conditions in Light Winds Over land. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033472.	3.3	6
120	Measurements of turbulence transfer in the near-surface layer over the Antarctic sea-ice surface from April through November in 2016. Annals of Glaciology, 2020, 61, 12-23.	1.4	6
121	Parabolic dependence of the drag coefficient on wind speed from aircraft eddy-covariance measurements over the tropical Eastern Pacific. Scientific Reports, 2020, 10, 1805.	3.3	6
122	A simple extension of â€œAn alternative approach to sea surface aerodynamic roughnessâ€•by Zhiqiu Gao, Qing Wang, and Shouping Wang. Journal of Geophysical Research, 2012, 117, n/a-n/a.	3.3	5
123	Evaluation of Turbulent Surface Flux Parameterizations over Tall Grass in a Beijing Suburb. Journal of Hydrometeorology, 2013, 14, 1620-1635.	1.9	5
124	Sensitivity of a global climate model to the critical Richardson number in the boundary layer parameterization. Journal of Geophysical Research D: Atmospheres, 2015, 120, 3310-3328.	3.3	4
125	Development of Aeolian map of China using mesoscale atmospheric modelling. Renewable Energy, 2015, 74, 60-69.	8.9	4
126	Drivers of the rapid rise and daily-based accumulation in PM1. Science of the Total Environment, 2021, 760, 143394.	8.0	4

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127	The sensitivity of parameterization schemes in thermodynamic modeling of the landfast sea ice in Prydz Bay, East Antarctica. Journal of Glaciology, 0, , 1-16.	2.2	4
128	Assimilating C-Band Radar Data for High-Resolution Simulations of Precipitation: Case Studies over Western Sumatra. Remote Sensing, 2022, 14, 42.	4.0	4
129	The research on boundary layer evolution characteristics of Typhoon Usagi based on observations by wind profilers. Acta Oceanologica Sinica, 2017, 36, 39-44.	1.0	3
130	Katabatic Flow Structures Indicative of the Flux Dissimilarity for Stable Stratification. Boundary-Layer Meteorology, 2022, 182, 379-415.	2.3	3
131	Parameterization of Sea Surface Drag Coefficient for All Wind Regimes Using 11 Aircraft Eddy-Covariance Measurement Databases. Atmosphere, 2021, 12, 1485.	2.3	3
132	Using the Cross-Correlation Function to Evaluate the Quality of Eddy-Covariance Data. Boundary-Layer Meteorology, 2015, 157, 173-189.	2.3	2
133	Assimilation of Doppler radar radial wind data in the GRAPES mesoscale model with observation error covariances tuning. Quarterly Journal of the Royal Meteorological Society, 2021, 147, 2087-2102.	2.7	2
134	Determination of Urban Surface Aerodynamic Characteristics Using Marquardt Method. Wind and Structures, an International Journal, 2009, 12, 281-283.	0.8	2
135	Diurnal climatology of correlations between the planetary boundary layer height and surface meteorological factors over the contiguous United States. International Journal of Climatology, 0, , .	3.5	2
136	Surface Layer Drag Coefficient at Different Radius Ranges in Tropical Cyclones. Atmosphere, 2022, 13, 280.	2.3	1
137	Reply to comment by Zhi-Hua Wang and Elie Bou-Zeid on â€œImpact of wave phase difference between soil surface heat flux and soil surface temperature on soil surface energy balance closureâ€• Journal of Geophysical Research, 2011, 116, .	3.3	0
138	Evaluation of the Effect of Stability Schemes on the Simulation of Land Surface Processes at a Western Tibetan Site. Land, 2021, 10, 253.	2.9	0
139	Combining Monte Carlo and Ensemble Probabilities in Tropical Cyclone Forecasts near Landfall. Journal of Meteorological Research, 2021, 35, 607-622.	2.4	0