

Zhiqiu Gao

List of Publications by Year in descending order

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139
papers

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citations

101543

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144
docs citations

144
times ranked

4599
citing authors

#	ARTICLE	IF	CITATIONS
1	Katabatic Flow Structures Indicative of the Flux Dissimilarity for Stable Stratification. <i>Boundary-Layer Meteorology</i> , 2022, 182, 379-415.	2.3	3
2	A high-resolution monitoring approach of canopy urban heat island using a random forest model and multi-platform observations. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 735-756.	3.1	38
3	Surface Layer Drag Coefficient at Different Radius Ranges in Tropical Cyclones. <i>Atmosphere</i> , 2022, 13, 280.	2.3	1
4	Influences of MJO on the Diurnal Variation and Associated Offshore Propagation of Rainfall near Western Coast of Sumatra. <i>Atmosphere</i> , 2022, 13, 330.	2.3	8
5	Assimilating C-Band Radar Data for High-Resolution Simulations of Precipitation: Case Studies over Western Sumatra. <i>Remote Sensing</i> , 2022, 14, 42.	4.0	4
6	Drivers of the rapid rise and daily-based accumulation in PM1. <i>Science of the Total Environment</i> , 2021, 760, 143394.	8.0	4
7	Observed Linkage between Tibetan Plateau Soil Moisture and South Asian Summer Precipitation and the Possible Mechanism. <i>Journal of Climate</i> , 2021, 34, 361-377.	3.2	30
8	Elucidating roles of near-surface vertical layer structure in different stages of PM2.5 pollution episodes over urban Beijing during 2004â€“2016. <i>Atmospheric Environment</i> , 2021, 246, 118157.	4.1	11
9	Temporal characteristics of carbon dioxide and ozone over a rural-cropland area in the Yangtze River Delta of eastern China. <i>Science of the Total Environment</i> , 2021, 757, 143750.	8.0	16
10	Evaluation of the Effect of Stability Schemes on the Simulation of Land Surface Processes at a Western Tibetan Site. <i>Land</i> , 2021, 10, 253.	2.9	0
11	Assimilation of Doppler radar radial wind data in the GRAPES mesoscale model with observation error covariances tuning. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 2087-2102.	2.7	2
12	Effects of Roll Vortices on the Evolution of Hurricane Harvey during Landfall. <i>Journals of the Atmospheric Sciences</i> , 2021, 78, 1847-1867.	1.7	7
13	Application of a Radar Echo Extrapolationâ€Based Deep Learning Method in Strong Convection Nowcasting. <i>Earth and Space Science</i> , 2021, 8, e2020EA001621.	2.6	10
14	Combining Monte Carlo and Ensemble Probabilities in Tropical Cyclone Forecasts near Landfall. <i>Journal of Meteorological Research</i> , 2021, 35, 607-622.	2.4	0
15	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. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093672.	4.0	42
16	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. <i>Science of the Total Environment</i> , 2021, 794, 148624.	8.0	9
17	Parameterization of Sea Surface Drag Coefficient for All Wind Regimes Using 11 Aircraft Eddy-Covariance Measurement Databases. <i>Atmosphere</i> , 2021, 12, 1485.	2.3	3
18	Thermal property values of a central Iowa soil as functions of soil water content and bulk density or of soil air content. <i>European Journal of Soil Science</i> , 2020, 71, 169-178.	3.9	17

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19	PM _{2.5} Pollution Modulates Wintertime Urban Heat Island Intensity in the Beijing-Tianjin-Hebei Megalopolis, China. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL084288.	4.0	88
20	Aircraft observed diurnal variations of the planetary boundary layer under heat waves. <i>Atmospheric Research</i> , 2020, 235, 104801.	4.1	14
21	Diurnal Climatology of Planetary Boundary Layer Height Over the Contiguous United States Derived From AMDAR and Reanalysis Data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032803.	3.3	28
22	Diurnal Evolution of the Wintertime Boundary Layer in Urban Beijing, China: Insights from Doppler Lidar and a 325-m Meteorological Tower. <i>Remote Sensing</i> , 2020, 12, 3935.	4.0	31
23	Improvement of Drag Coefficient Calculation Under Near-Neutral Conditions in Light Winds Over land. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033472.	3.3	6
24	Atmospheric boundary layer turbulence structure for severe foggy haze episodes in north China in December 2016. <i>Environmental Pollution</i> , 2020, 264, 114726.	7.5	11
25	Modulations of surface thermal environment and agricultural activity on intraseasonal variations of summer diurnal temperature range in the Yangtze River Delta of China. <i>Science of the Total Environment</i> , 2020, 736, 139445.	8.0	39
26	Measurements of turbulence transfer in the near-surface layer over the Antarctic sea-ice surface from April through November in 2016. <i>Annals of Glaciology</i> , 2020, 61, 12-23.	1.4	6
27	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. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032478.	3.3	10
28	Parabolic dependence of the drag coefficient on wind speed from aircraft eddy-covariance measurements over the tropical Eastern Pacific. <i>Scientific Reports</i> , 2020, 10, 1805.	3.3	6
29	The evaluation of FY4A's Geostationary Interferometric Infrared Sounder (GIIRS) longwave temperature sounding channels using the GRAPES global $\Delta\sigma$. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 1459-1476.	2.7	44
30	Spatiotemporal variability in long-term population exposure to PM _{2.5} and lung cancer mortality attributable to PM _{2.5} across the Yangtze River Delta (YRD) region over 2010-2016: A multistage approach. <i>Chemosphere</i> , 2020, 257, 127153.	8.2	14
31	Basin-wide responses of the South China Sea environment to Super Typhoon Mangkhut (2018). <i>Science of the Total Environment</i> , 2020, 731, 139093.	8.0	34
32	Improving Soil Heat Flux Accuracy with the Philip Correction Technique. <i>Journal of Hydrometeorology</i> , 2019, 20, 1435-1448.	1.9	6
33	Vertical observations of the atmospheric boundary layer structure over Beijing urban area during air pollution episodes. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 6949-6967.	4.9	48
34	Re-evaluating the variation in trend of haze days in the urban areas of Beijing during a recent 36-year period. <i>Atmospheric Science Letters</i> , 2019, 20, e878.	1.9	19
35	Impacts of the near-surface urban boundary layer structure on PM _{2.5} concentrations in Beijing during winter. <i>Science of the Total Environment</i> , 2019, 669, 493-504.	8.0	28
36	Surface Meteorological Conditions and Boundary Layer Height Variations During an Air Pollution Episode in Nanjing, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 3350-3364.	3.3	29

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37	The two-way feedback mechanism between unfavorable meteorological conditions and cumulative aerosol pollution in various haze regions of China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 3287-3306.	4.9	97
38	Surface Energy Budget Observed for Winter Wheat in the North China Plain During a Foggy Haze Event. <i>Boundary-Layer Meteorology</i> , 2019, 170, 489-505.	2.3	7
39	Estimate of boundary-layer depth in Nanjing city using aerosol lidar data during 2016-2017 winter. <i>Atmospheric Environment</i> , 2019, 205, 67-77.	4.1	12
40	Development and Evaluation of a Long-Term Data Record of Planetary Boundary Layer Profiles From Aircraft Meteorological Reports. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2008-2030.	3.3	21
41	Denosing Algorithm for the FY-4A GIRS Based on Principal Component Analysis. <i>Remote Sensing</i> , 2019, 11, 2710.	4.0	7
42	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. <i>Remote Sensing</i> , 2019, 11, 2724.	4.0	17
43	Rainfall Contribution of Tropical Cyclones in the Bay of Bengal between 1998 and 2016 using TRMM Satellite Data. <i>Atmosphere</i> , 2019, 10, 699.	2.3	21
44	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. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 12857-12874.	4.9	10
45	Sensitivity of urban boundary layer simulation to urban canopy models and PBL schemes in Beijing. <i>Meteorology and Atmospheric Physics</i> , 2019, 131, 1235-1248.	2.0	23
46	Analysis of energy storage systems to exploit wind energy curtailment in Crete. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 103, 122-139.	16.4	40
47	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. <i>Chemosphere</i> , 2019, 216, 766-773.	8.2	47
48	Meteorological conditions for severe foggy haze episodes over north China in 2016-2017 winter. <i>Atmospheric Environment</i> , 2019, 199, 284-298.	4.1	19
49	Assessment of urban surface thermal environment using MODIS with a population-weighted method: a case study. <i>Journal of Spatial Science</i> , 2019, 64, 287-300.	1.5	11
50	On the surface fluxes characteristics and roughness lengths at Zhongshan station, Antarctica. <i>International Journal of Digital Earth</i> , 2019, 12, 878-892.	3.9	13
51	The impact of urbanization on wind speed and surface aerodynamic characteristics in Beijing during 1991-2011. <i>Meteorology and Atmospheric Physics</i> , 2018, 130, 311-324.	2.0	33
52	Comparisons of remote sensing and reanalysis soil moisture products over the Tibetan Plateau, China. <i>Cold Regions Science and Technology</i> , 2018, 146, 110-121.	3.5	27
53	Wind resource potential assessment using a long term tower measurement approach: A case study of Beijing in China. <i>Journal of Cleaner Production</i> , 2018, 174, 917-926.	9.3	41
54	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. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 17421-17435.	4.9	9

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55	Long-term Trends of Persistent Synoptic Circulation Events in Planetary Boundary Layer and Their Relationships With Haze Pollution in Winter Half Year Over Eastern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 10,991.	3.3	75
56	Experimental investigation of the atmospheric boundary layer flow past a building model with openings. <i>Building and Environment</i> , 2018, 141, 166-181.	6.9	9
57	Relationship Between Fine-Particle Pollution and the Urban Heat Island in Beijing, China: Observational Evidence. <i>Boundary-Layer Meteorology</i> , 2018, 169, 93-113.	2.3	69
58	Feasibility of a new-generation nighttime light data for estimating in-use steel stock of buildings and civil engineering infrastructures. <i>Resources, Conservation and Recycling</i> , 2017, 123, 11-23.	10.8	36
59	Multi-actor multi-criteria sustainability assessment framework for energy and industrial systems in life cycle perspective under uncertainties. Part 2: improved extension theory. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 1406-1417.	4.7	23
60	Robust drying and wetting trends found in regions over China based on Köppen climate classifications. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 4228-4237.	3.3	44
61	Impact of Tibetan Plateau Surface Heating on Persistent Extreme Precipitation Events in Southeastern China. <i>Monthly Weather Review</i> , 2017, 145, 3485-3505.	1.4	33
62	Multi-actor multi-criteria sustainability assessment framework for energy and industrial systems in life cycle perspective under uncertainties. Part 1: weighting method. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 1397-1405.	4.7	14
63	The research on boundary layer evolution characteristics of Typhoon Usagi based on observations by wind profilers. <i>Acta Oceanologica Sinica</i> , 2017, 36, 39-44.	1.0	3
64	Attribution and mitigation of heat wave-induced urban heat storage change. <i>Environmental Research Letters</i> , 2017, 12, 114007.	5.2	35
65	Highlighting regional eco-industrial development: Life cycle benefits of an urban industrial symbiosis and implications in China. <i>Ecological Modelling</i> , 2017, 361, 164-176.	2.5	71
66	Determination of Desert Soil Apparent Thermal Diffusivity Using a Conduction-Convection Algorithm. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 9569-9578.	3.3	10
67	North Pacific SST Forcing on the Central United States "Warming Hole" as Simulated in CMIP5 Coupled Historical and Uncoupled AMIP Experiments. <i>Atmosphere - Ocean</i> , 2017, 55, 57-77.	1.6	7
68	Soil Apparent Thermal Diffusivity Estimated by Conduction and by Conduction-Convection Heat Transfer Models. <i>Journal of Hydrometeorology</i> , 2017, 18, 109-118.	1.9	14
69	Spatiotemporal variability of extreme temperature frequency and amplitude in China. <i>Atmospheric Research</i> , 2017, 185, 131-141.	4.1	33
70	Sustainable development of sewage sludge-to-energy in China: Barriers identification and technologies prioritization. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 67, 384-396.	16.4	45
71	Estimate of Boundary-Layer Depth Over Beijing, China, Using Doppler Lidar Data During SURF-2015. <i>Boundary-Layer Meteorology</i> , 2017, 162, 503-522.	2.3	69
72	Comparison of Sensible Heat Fluxes Measured by a Large Aperture Scintillometer and Eddy Covariance System over a Heterogeneous Farmland in East China. <i>Atmosphere</i> , 2017, 8, 101.	2.3	11

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73	Comparison of Different Multicriteria Decision-Making Methodologies for Sustainability Decision Making. , 2017, , 189-224.		11
74	Characteristics of sea breezes over the Jiangsu coastal area, China. International Journal of Climatology, 2016, 36, 3908-3916.	3.5	25
75	Life cycle energy and CO2 emission optimization for biofuel supply chain planning under uncertainties. Energy, 2016, 103, 151-166.	8.8	48
76	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
77	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
78	Effects of Irrigation on Summer Precipitation over the United States. Journal of Climate, 2016, 29, 3541-3558.	3.2	75
79	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
80	Record-breaking temperatures in China during the warming and recent hiatus periods. Journal of Geophysical Research D: Atmospheres, 2016, 121, 241-258.	3.3	7
81	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
82	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
83	An Empirical Model for Estimating Soil Thermal Conductivity from Soil Water Content and Porosity. Journal of Hydrometeorology, 2016, 17, 601-613.	1.9	30
84	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
85	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
86	Spatial distribution of China's renewable energy industry: Regional features and implications for a harmonious development future. Renewable and Sustainable Energy Reviews, 2016, 58, 1521-1531.	16.4	40
87	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
88	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
89	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
90	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

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91	An Update of Non-iterative Solutions for Surface Fluxes Under Unstable Conditions. <i>Boundary-Layer Meteorology</i> , 2015, 156, 501-511.	2.3	6
92	Using the Cross-Correlation Function to Evaluate the Quality of Eddy-Covariance Data. <i>Boundary-Layer Meteorology</i> , 2015, 157, 173-189.	2.3	2
93	Priorities for Boundary Layer Meteorology Research in China. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, ES149-ES151.	3.3	17
94	Phosphorus Availability and Transformation as Affected by Repeated Phosphorus Additions in an Ultisol. <i>Communications in Soil Science and Plant Analysis</i> , 2015, 46, 1922-1933.	1.4	9
95	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. <i>Environmental Science & Technology</i> , 2015, 49, 11340-11347.	10.0	124
96	Seasonal and interannual variations of carbon exchange over a rice-wheat rotation system on the North China Plain. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 1365-1380.	4.3	27
97	Contrasting responses of urban and rural surface energy budgets to heat waves explain synergies between urban heat islands and heat waves. <i>Environmental Research Letters</i> , 2015, 10, 054009.	5.2	157
98	Development of Aeolian map of China using mesoscale atmospheric modelling. <i>Renewable Energy</i> , 2015, 74, 60-69.	8.9	4
99	CO ₂ Monitoring and Background Mole Fraction at Zhongshan Station, Antarctica. <i>Atmosphere</i> , 2014, 5, 686-698.	2.3	8
100	WRF Model Sensitivity to Land Surface Model and Cumulus Parameterization under Short-Term Climate Extremes over the Southern Great Plains of the United States. <i>Journal of Climate</i> , 2014, 27, 7703-7724.	3.2	45
101	Burning in agricultural landscapes: an emerging natural and human issue in China. <i>Landscape Ecology</i> , 2014, 29, 1785-1798.	4.2	78
102	Effects of precipitation on grassland ecosystem restoration under grazing exclusion in Inner Mongolia, China. <i>Landscape Ecology</i> , 2014, 29, 1657-1673.	4.2	73
103	The Taihu Eddy Flux Network: An Observational Program on Energy, Water, and Greenhouse Gas Fluxes of a Large Freshwater Lake. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 1583-1594.	3.3	77
104	Aggregate-Associated Organic Carbon and Nitrogen Impacted by the Long-Term Application of Fertilizers, Rice Straw, and Pig Manure. <i>Soil Science</i> , 2014, 179, 522-528.	0.9	10
105	Temporal and spatial variations in radiation and energy balance across a large freshwater lake in China. <i>Journal of Hydrology</i> , 2014, 511, 811-824.	5.4	85
106	Turbulent Transport of Momentum and Scalars Above an Urban Canopy. <i>Boundary-Layer Meteorology</i> , 2014, 150, 485-511.	2.3	60
107	Profitability of wind energy investments in China using a Monte Carlo approach for the treatment of uncertainties. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 40, 224-236.	16.4	46
108	Scalar Flux-Gradient Relationships Under Unstable Conditions over Water in Coastal Regions. <i>Boundary-Layer Meteorology</i> , 2013, 148, 495-516.	2.3	13

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109	Intermodel Variability and Mechanism Attribution of Central and Southeastern U.S. Anomalous Cooling in the Twentieth Century as Simulated by CMIP5 Models. <i>Journal of Climate</i> , 2013, 26, 6215-6237.	3.2	43
110	Evaluation of Turbulent Surface Flux Parameterizations over Tall Grass in a Beijing Suburb. <i>Journal of Hydrometeorology</i> , 2013, 14, 1620-1635.	1.9	5
111	Asymmetric and heterogeneous frequency of high and low record-breaking temperatures in China as an indication of warming climate becoming more extreme. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 6152-6164.	3.3	6
112	An Analytical Solution to the One-Dimensional Heat Conduction-Convection Equation in Soil. <i>Soil Science Society of America Journal</i> , 2012, 76, 1978-1986.	2.2	27
113	A simple extension of an alternative approach to sea surface aerodynamic roughness by Zhiqiu Gao, Qing Wang, and Shouping Wang. <i>Journal of Geophysical Research</i> , 2012, 117, n/a-n/a.	3.3	5
114	Seasonal Variation in Turbulent Fluxes over Tibetan Plateau and Its Surrounding Areas: Research Note. <i>Journal of the Meteorological Society of Japan</i> , 2012, 90C, 157-171.	1.8	9
115	The sensitivity of ground surface temperature prediction to soil thermal properties Using the Simple Biosphere Model (SiB2). <i>Advances in Atmospheric Sciences</i> , 2012, 29, 623-634.	4.3	9
116	Reply to comment by Zhi-Hua Wang and Elie Bou-Zeid on "Impact of wave phase difference between soil surface heat flux and soil surface temperature on soil surface energy balance closure". <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	0
117	An inter-comparison of six latent and sensible heat flux products over the Southern Ocean. <i>Polar Research</i> , 2011, 30, 10167.	1.6	16
118	The intraseasonal variability of winter semester surface air temperature in Antarctica. <i>Polar Research</i> , 2011, 30, 6039.	1.6	7
119	Comparison of Six Algorithms to Determine the Soil Apparent Thermal Diffusivity at a Site in the Loess Plateau of China. <i>Soil Science</i> , 2010, 175, 51-60.	0.9	18
120	On sea surface roughness parameterization and its effect on tropical cyclone structure and intensity. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 337-355.	4.3	28
121	Modeling the impact of urbanization on the local and regional climate in Yangtze River Delta, China. <i>Theoretical and Applied Climatology</i> , 2010, 102, 331-342.	2.8	183
122	An Improved Approach for Parameterizing Surface-Layer Turbulent Transfer Coefficients in Numerical Models. <i>Boundary-Layer Meteorology</i> , 2010, 137, 153-165.	2.3	38
123	Climate simulations with a new sea turbulent flux parameterization in the National Center for Atmospheric Research Community Atmosphere Model (CAM3). <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	9
124	Wave-dependence of friction velocity, roughness length, and drag coefficient over coastal and open water surfaces by using three databases. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 887-894.	4.3	24
125	Observations of near-surface wind and temperature structures and their variations with topography and latitude in East Antarctica. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	19
126	Determination of Urban Surface Aerodynamic Characteristics Using Marquardt Method. <i>Wind and Structures, an International Journal</i> , 2009, 12, 281-283.	0.8	2

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127	Comparison of two soil temperature algorithms for a bare ground site on the Loess Plateau in China. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	36
128	Seasonal and diurnal variations in moisture, heat, and CO ₂ fluxes over grassland in the tropical monsoon region of southern China. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	32
129	Impact of soil vertical water movement on the energy balance of different land surfaces. <i>International Journal of Biometeorology</i> , 2007, 51, 565-573.	3.0	13
130	An alternative approach to sea surface aerodynamic roughness. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	18
131	Turbulent variance characteristics of temperature and humidity over a non-uniform land surface for an agricultural ecosystem in China. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 365-374.	4.3	12
132	Determination of soil heat flux in a tibetan short-grass prairie. <i>Boundary-Layer Meteorology</i> , 2005, 114, 165-178.	2.3	70
133	Modeling of surface energy partitioning, surface temperature, and soil wetness in the Tibetan prairie using the Simple Biosphere Model 2 (SiB2). <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	69
134	Analyses of turbulence parameters in the near-surface layer at Qamdo of the Southeastern Tibetan Plateau. <i>Advances in Atmospheric Sciences</i> , 2003, 20, 369-378.	4.3	16
135	Measurements of turbulent transfer in the near-surface layer over a rice paddy in China. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	37
136	AN ANALYTICAL SOLUTION TO ONE-DIMENSIONAL THERMAL CONDUCTION-CONVECTION IN SOIL. <i>Soil Science</i> , 2003, 168, 99-107.	0.9	81
137	Measurements Of Turbulence Transfer In The Near-Surface Layer Over The Southeastern Tibetan Plateau. <i>Boundary-Layer Meteorology</i> , 2002, 102, 281-300.	2.3	24
138	Diurnal climatology of correlations between the planetary boundary layer height and surface meteorological factors over the contiguous United States. <i>International Journal of Climatology</i> , 0, , .	3.5	2
139	The sensitivity of parameterization schemes in thermodynamic modeling of the landfast sea ice in Prydz Bay, East Antarctica. <i>Journal of Glaciology</i> , 0, , 1-16.	2.2	4