

Fu Qiang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/177795/fu-qiang-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

143
papers

12,107
citations

49
h-index

109
g-index

148
ext. papers

13,634
ext. citations

7.2
avg, IF

6.64
L-index

#	Paper	IF	Citations
143	The Diurnal Variation of the Aerosol Optical Depth at the ARM SGP Site. <i>Earth and Space Science</i> , 2021 , 8,	3.1	1
142	A robust low-level cloud and clutter discrimination method for ground-based millimeter-wavelength cloud radar. <i>Atmospheric Measurement Techniques</i> , 2021 , 14, 1743-1759	4	1
141	Aerosol Direct Radiative Effects at the ARM SGP and TWP Sites: Clear Skies. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2020JD033663	4.4	1
140	Natural variability contributes to model-satellite differences in tropical tropospheric warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	10
139	Characteristics of Meiyu Seen From Multiple Observational Analyses and Reanalyses. <i>Earth and Space Science</i> , 2021 , 8, e2021EA001647	3.1	6
138	Improved Convective Ice Microphysics Parameterization in the NCAR CAM Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2020JD034157	4.4	2
137	Using Climate Model Simulations to Constrain Observations. <i>Journal of Climate</i> , 2021 , 1-59	4.4	2
136	Post-Millennium Atmospheric Temperature Trends Observed From Satellites in Stable Orbits. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL093291	4.9	1
135	Parametrizations of Liquid and Ice Clouds/Optical Properties in Operational Numerical Weather Prediction Models. <i>Atmosphere</i> , 2021 , 12, 89	2.7	2
134	Precipitation Characteristics and Future Changes Over the Southern Slope of Tibetan Plateau Simulated by a High-Resolution Global Nonhydrostatic Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2020JD033630	4.4	3
133	All-Sky Aerosol Direct Radiative Effects at the ARM SGP Site. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2021JD034933	4.4	0
132	Emergence of Southern Hemisphere stratospheric circulation changes in response to ozone recovery. <i>Nature Geoscience</i> , 2021 , 14, 638-644	18.3	8
131	Understanding the Cold Season Arctic Surface Warming Trend in Recent Decades. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL094878	4.9	2
130	Stratosphere-Troposphere Exchange of Air Masses and Ozone Concentrations Based on Reanalyses and Observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2021JD035159	4.4	3
129	The diurnally-averaged aerosol direct radiative effect and the use of the daytime-mean and insolation-weighted-mean solar zenith angles. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020 , 257, 107363	2.1	3
128	Stratospheric Ozone in the Last Glacial Maximum. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2020JD032929	4.4	6
127	Assessing Global and Local Radiative Feedbacks Based on AGCM Simulations for 1980-2014/2017. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL088063	4.9	6

126	Precipitation Probability and Its Future Changes From a Global Cloud-Resolving Model and CMIP6 Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2019JD031926	4.4	16
125	The Brewer-Dobson Circulation During the Last Glacial Maximum. <i>Geophysical Research Letters</i> , 2020 , 47, e2019GL086271	4.9	6
124	Improved Hydrometeor Detection Method: An Application to CloudSat. <i>Earth and Space Science</i> , 2020 , 7, e2019EA000900	3.1	4
123	Tropical Widening: From Global Variations to Regional Impacts. <i>Bulletin of the American Meteorological Society</i> , 2020 , 101, E897-E904	6.1	11
122	Seasonal and Annual Changes of the Regional Tropical Belt in GPS-RO Measurements and Reanalysis Datasets. <i>Journal of Climate</i> , 2020 , 33, 4083-4094	4.4	1
121	Observed Temperature Changes in the Troposphere and Stratosphere from 1979 to 2018. <i>Journal of Climate</i> , 2020 , 33, 8165-8194	4.4	28
120	Quasi-Biennial Oscillation and Sudden Stratospheric Warmings during the Last Glacial Maximum. <i>Atmosphere</i> , 2020 , 11, 943	2.7	1
119	Hemispheric Asymmetry of Tropical Expansion Under CO2 Forcing. <i>Geophysical Research Letters</i> , 2019 , 46, 9231-9240	4.9	16
118	Observed changes in BrewerDobson circulation for 1980-2018. <i>Environmental Research Letters</i> , 2019 , 14, 114026	6.2	12
117	Differences in Ice Cloud Optical Depth From CALIPSO and Ground-Based Raman Lidar at the ARM SGP and TWP Sites. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 1755-1778	4.4	5
116	Unraveling driving forces explaining significant reduction in satellite-inferred Arctic surface albedo since the 1980s. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 23947-23953	11.5	29
115	Recent Tropical Expansion: Natural Variability or Forced Response?. <i>Journal of Climate</i> , 2019 , 32, 1551-1574	4.7	56
114	Midlatitude Cirrus Clouds at the SACOL Site: Macrophysical Properties and Large-Scale Atmospheric States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 2256-2271	4.4	11
113	Sources of Intermodel Spread in the Lapse Rate and Water Vapor Feedbacks. <i>Journal of Climate</i> , 2018 , 31, 3187-3206	4.4	26
112	Simulated differences in 21st century aridity due to different scenarios of greenhouse gases and aerosols. <i>Climatic Change</i> , 2018 , 146, 407-422	4.5	56
111	The impact of atmospheric stability and wind shear on vertical cloud overlap over the Tibetan Plateau. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 7329-7343	6.8	16
110	Human influence on the seasonal cycle of tropospheric temperature. <i>Science</i> , 2018 , 361,	33.3	66
109	Larger Sensitivity of Precipitation Extremes to Aerosol Than Greenhouse Gas Forcing in CMIP5 Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 8062	4.4	11

108	Local Radiative Feedbacks Over the Arctic Based on Observed Short-Term Climate Variations. <i>Geophysical Research Letters</i> , 2018 , 45, 5761-5770	4.9	16
107	The Impact of Cloud Radiative Effects on the Tropical Tropopause Layer Temperatures. <i>Atmosphere</i> , 2018 , 9, 377	2.7	13
106	An Investigation of Optically Very Thin Ice Clouds from Ground-Based ARM Raman Lidars. <i>Atmosphere</i> , 2018 , 9, 445	2.7	7
105	The Effect of Hydrometeors on MSU/AMSU Temperature Observations over the Tropical Ocean. <i>Journal of Atmospheric and Oceanic Technology</i> , 2018 , 35, 1141-1150	2	1
104	Causes of differences in model and satellite tropospheric warming rates. <i>Nature Geoscience</i> , 2017 , 10, 478-485	18.3	29
103	Isotopic evidence of multiple controls on atmospheric oxidants over climate transitions. <i>Nature</i> , 2017 , 546, 133-136	50.4	27
102	Mirrored changes in Antarctic ozone and stratospheric temperature in the late 20th versus early 21st centuries. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 8940-8950	4.4	26
101	Dryland climate change: Recent progress and challenges. <i>Reviews of Geophysics</i> , 2017 , 55, 719-778	23.1	285
100	Tropospheric Warming Over The Past Two Decades. <i>Scientific Reports</i> , 2017 , 7, 2336	4.9	15
99	A case study of microphysical structures and hydrometeor phase in convection using radar Doppler spectra at Darwin, Australia. <i>Geophysical Research Letters</i> , 2017 , 44, 7519-7527	4.9	1
98	The impact of lidar detection sensitivity on assessing aerosol direct radiative effects. <i>Geophysical Research Letters</i> , 2017 , 44, 9059-9067	4.9	17
97	Comparing Tropospheric Warming in Climate Models and Satellite Data. <i>Journal of Climate</i> , 2017 , 30, 373-392	4.4	51
96	Tropical tropopause layer cirrus and its relation to tropopause. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017 , 188, 118-131	2.1	9
95	Temperature Control of the Variability of Tropical Tropopause Layer Cirrus Clouds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 11,062-11,075	4.4	11
94	Measurements of light-absorbing particles in snow across the Arctic, North America, and China: Effects on surface albedo. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 10,149	4.4	34
93	An improved hydrometeor detection method for millimeter-wavelength cloud radar. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 9035-9047	6.8	11
92	The diurnal cycle of clouds and precipitation at the ARM SGP site: Cloud radar observations and simulations from the multiscale modeling framework. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 7519-7536	4.4	12
91	The Diurnal Cycle of Clouds and Precipitation at the ARM SGP Site: An Atmospheric State-Based Analysis and Error Decomposition of a Multiscale Modeling Framework Simulation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 13,387-13,403	4.4	1

90	Cloud macrophysical properties from KAZR at the SACOL. <i>Chinese Science Bulletin</i> , 2017 , 62, 824-835	2.9	6
89	Sensitivity of precipitation extremes to radiative forcing of greenhouse gases and aerosols. <i>Geophysical Research Letters</i> , 2016 , 43, 9860-9868	4.9	41
88	Effect of Snow Grain Shape on Snow Albedo. <i>Journals of the Atmospheric Sciences</i> , 2016 , 73, 3573-3583	2.1	50
87	Taklimakan Desert nocturnal low-level jet: climatology and dust activity. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 7773-7783	6.8	21
86	Simulated responses of terrestrial aridity to black carbon and sulfate aerosols. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 785-794	4.4	14
85	Changes in terrestrial aridity for the period 850-2080 from the Community Earth System Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 2857-2873	4.4	27
84	Dynamical Adjustment of the Northern Hemisphere Surface Air Temperature Field: Methodology and Application to Observations*. <i>Journal of Climate</i> , 2015 , 28, 1613-1629	4.4	58
83	Removing Diurnal Cycle Contamination in Satellite-Derived Tropospheric Temperatures: Understanding Tropical Tropospheric Trend Discrepancies. <i>Journal of Climate</i> , 2015 , 28, 2274-2290	4.4	37
82	Automated Retrieval of Cloud and Aerosol Properties from the ARM Raman Lidar. Part I: Feature Detection. <i>Journal of Atmospheric and Oceanic Technology</i> , 2015 , 32, 1977-1998	2	28
81	Automated Retrieval of Cloud and Aerosol Properties from the ARM Raman Lidar. Part II: Extinction. <i>Journal of Atmospheric and Oceanic Technology</i> , 2015 , 32, 1999-2023	2	24
80	Simulating direct effects of dust aerosol on arid and semi-arid regions using an aerosol-climate coupled system. <i>International Journal of Climatology</i> , 2015 , 35, 1858-1866	3.5	33
79	CALIPSO-inferred aerosol direct radiative effects: Bias estimates using ground-based Raman lidars. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 12,209	4.4	25
78	A new approach to modeling aerosol effects on East Asian climate: Parametric uncertainties associated with emissions, cloud microphysics, and their interactions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 8905-8924	4.4	16
77	Quantifying sources of black carbon in western North America using observationally based analysis and an emission tagging technique in the Community Atmosphere Model. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 12805-12822	6.8	12
76	Observational evidence of strengthening of the Brewer-Dobson circulation since 1980. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 10,214	4.4	40
75	Climate change. A drier future?. <i>Science</i> , 2014 , 343, 737-9	33.3	345
74	Responses of terrestrial aridity to global warming. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 7863-7875	4.4	188
73	Upward mass fluxes in tropical upper troposphere and lower stratosphere derived from radiative transfer calculations. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2013 , 117, 114-122	2.1	17

72	Changes in various branches of the BrewerDobson circulation from an ensemble of chemistry climate models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 73-84	4.4	56
71	Cloud effects on radiative heating rate profiles over Darwin using ARM and A-train radar/lidar observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 5637-5654	4.4	13
70	Reply to Comments on A Bias in the Midtropospheric Channel Warm Target Factor on the NOAA-9 Microwave Sounding Unit. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013 , 30, 1014-1020	2	5
69	Macrophysical properties of tropical cirrus clouds from the CALIPSO satellite and from ground-based micropulse and Raman lidars. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 9209-9220	4.4	27
68	Expansion of global drylands under a warming climate. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 10081-10094	4.2	42
67	Source attribution of insoluble light-absorbing particles in seasonal snow across northern China. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 6091-6099	6.8	33
66	A Bias in the Midtropospheric Channel Warm Target Factor on the NOAA-9 Microwave Sounding Unit. <i>Journal of Atmospheric and Oceanic Technology</i> , 2012 , 29, 646-652	2	22
65	Simulated versus observed patterns of warming over the extratropical Northern Hemisphere continents during the cold season. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 14337-42	11.5	115
64	Black carbon in seasonal snow across northern Xinjiang in northwestern China. <i>Environmental Research Letters</i> , 2012 , 7, 044002	6.2	47
63	Discrepancies in tropical upper tropospheric warming between atmospheric circulation models and satellites. <i>Environmental Research Letters</i> , 2012 , 7, 044018	6.2	53
62	Finite-difference time-domain solution of light scattering by arbitrarily shaped particles and surfaces 2012 , 75-113		1
61	On the warming in the tropical upper troposphere: Models versus observations. <i>Geophysical Research Letters</i> , 2011 , 38,	4.9	68
60	Shortwave radiative closure experiment and direct forcing of dust aerosol over northwestern China. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	19
59	Comparison of the CALIPSO satellite and ground-based observations of cirrus clouds at the ARM TWP sites. <i>Journal of Geophysical Research</i> , 2011 , 116,		36
58	Dust aerosol forward scattering effects on ground-based aerosol optical depth retrievals. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2011 , 112, 310-319	2.1	24
57	Tropospheric temperature response to stratospheric ozone recovery in the 21st century. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 7687-7699	6.8	20
56	Dust and Black Carbon in Seasonal Snow Across Northern China. <i>Bulletin of the American Meteorological Society</i> , 2011 , 92, 175-181	6.1	114
55	Poleward Shift of Subtropical Jets Inferred from Satellite-Observed Lower-Stratospheric Temperatures. <i>Journal of Climate</i> , 2011 , 24, 5597-5603	4.4	85

54	Tropical Tropopause Transition Layer Cirrus as Represented by CALIPSO Lidar Observations. <i>Journals of the Atmospheric Sciences</i> , 2010 , 67, 3113-3129	2.1	42
53	The CALIPSO Mission. <i>Bulletin of the American Meteorological Society</i> , 2010 , 91, 1211-1230	6.1	683
52	Radiative impacts of clouds in the tropical tropopause layer. <i>Journal of Geophysical Research</i> , 2010 , 115,		92
51	Dust aerosol optical properties retrieval and radiative forcing over northwestern China during the 2008 China-U.S. joint field experiment. <i>Journal of Geophysical Research</i> , 2010 , 115,		81
50	Hadley Cell Widening: Model Simulations versus Observations. <i>Journal of Climate</i> , 2009 , 22, 2713-2725	4.4	257
49	Temperature Trend Patterns in Southern Hemisphere High Latitudes: Novel Indicators of Stratospheric Change. <i>Journal of Climate</i> , 2009 , 22, 6325-6341	4.4	54
48	Test of Mie-based single-scattering properties of non-spherical dust aerosols in radiative flux calculations. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2009 , 110, 1640-1653	2.1	69
47	Tropical tropopause layer. <i>Reviews of Geophysics</i> , 2009 , 47,	23.1	701
46	Taklimakan dust aerosol radiative heating derived from CALIPSO observations using the Fu-Liou radiation model with CERES constraints. <i>Atmospheric Chemistry and Physics</i> , 2009 , 9, 4011-4021	6.8	205
45	Arctic warming aloft is data set dependent. <i>Nature</i> , 2008 , 455, E3-4; discussion E4-5	50.4	32
44	Widening of the tropical belt in a changing climate. <i>Nature Geoscience</i> , 2008 , 1, 21-24	18.3	622
43	Using aircraft measurements to estimate the magnitude and uncertainty of the shortwave direct radiative forcing of southern African biomass burning aerosol. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		18
42	Observationally derived and general circulation model simulated tropical stratospheric upward mass fluxes. <i>Journal of Geophysical Research</i> , 2008 , 113,		37
41	Antarctic atmospheric temperature trend patterns from satellite observations. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	38
40	A methodology to retrieve self-consistent aerosol optical properties using common aircraft measurements. <i>Journal of Geophysical Research</i> , 2007 , 112,		14
39	Identifying the top of the tropical tropopause layer from vertical mass flux analysis and CALIPSO lidar cloud observations. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	59
38	A New Parameterization of an Asymmetry Factor of Cirrus Clouds for Climate Models. <i>Journals of the Atmospheric Sciences</i> , 2007 , 64, 4140-4150	2.1	88
37	Observed poleward expansion of the Hadley circulation since 1979. <i>Atmospheric Chemistry and Physics</i> , 2007 , 7, 5229-5236	6.8	339

36	Enhanced mid-latitude tropospheric warming in satellite measurements. <i>Science</i> , 2006 , 312, 1179	33.3	271
35	Impact of clouds on radiative heating rates in the tropical lower stratosphere. <i>Journal of Geophysical Research</i> , 2006 , 111,		37
34	Tests and improvements of GCM cloud parameterizations using the CCCMA SCM with the SHEBA data set. <i>Atmospheric Research</i> , 2006 , 82, 222-238	5.4	10
33	The impact of cirrus clouds on tropical troposphere-to-stratosphere transport. <i>Atmospheric Chemistry and Physics</i> , 2006 , 6, 2539-2547	6.8	114
32	Robustness of Tropospheric Temperature Trends from MSU Channels 2 and 4. <i>Journal of Climate</i> , 2006 , 19, 4234-4242	4.4	26
31	Apparent optical properties of spherical particles in absorbing medium. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2006 , 100, 137-142	2.1	28
30	Satellite-derived vertical dependence of tropical tropospheric temperature trends. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	66
29	Atmospheric brown clouds: impacts on South Asian climate and hydrological cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 5326-33	11.5	1055
28	Mean radiative energy balance and vertical mass fluxes in the equatorial upper troposphere and lower stratosphere. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	83
27	Amplification of surface temperature trends and variability in the tropical atmosphere. <i>Science</i> , 2005 , 309, 1551-6	33.3	229
26	Contribution of stratospheric cooling to satellite-inferred tropospheric temperature trends. <i>Nature</i> , 2004 , 429, 55-8	50.4	171
25	Stratospheric cooling and the troposphere (reply). <i>Nature</i> , 2004 , 432, 2-2	50.4	10
24	Radiation balance of the tropical tropopause layer. <i>Journal of Geophysical Research</i> , 2004 , 109,		138
23	Comparison of cloud-top height retrievals from ground-based 35 GHz MMCR and GMS-5 satellite observations at ARM TWP Manus site. <i>Atmospheric Research</i> , 2004 , 72, 169-186	5.4	41
22	Testing Mixed-Phase Cloud Water Vapor Parameterizations with SHEBA/FIREACE Observations. <i>Journals of the Atmospheric Sciences</i> , 2004 , 61, 2083-2091	2.1	16
21	Stratospheric Influences on MSU-Derived Tropospheric Temperature Trends: A Direct Error Analysis. <i>Journal of Climate</i> , 2004 , 17, 4636-4640	4.4	29
20	Parameterization of effective ice particle size for high-latitude clouds. <i>International Journal of Climatology</i> , 2002 , 22, 1267-1284	3.5	61
19	Tropical cirrus and water vapor: an effective Earth infrared iris feedback?. <i>Atmospheric Chemistry and Physics</i> , 2002 , 2, 31-37	6.8	53

18	Retrieval of cirrus particle sizes using a split-window technique: a sensitivity study. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2001 , 70, 725-736	2.1	6
17	Mie theory for light scattering by a spherical particle in an absorbing medium. <i>Applied Optics</i> , 2001 , 40, 1354-61	1.7	221
16	Cloud Geometry Effects on Atmospheric Solar Absorption. <i>Journals of the Atmospheric Sciences</i> , 2000 , 57, 1156-1168	2.1	52
15	Finite-difference time-domain solution of light scattering by dielectric particles with large complex refractive indices. <i>Applied Optics</i> , 2000 , 39, 5569-78	1.7	28
14	Cirrus horizontal inhomogeneity and OLR bias. <i>Geophysical Research Letters</i> , 2000 , 27, 3341-3344	4.9	46
13	Finite-difference time-domain solution of light scattering by dielectric particles with a perfectly matched layer absorbing boundary condition. <i>Applied Optics</i> , 1999 , 38, 3141-51	1.7	135
12	Modeling of Scattering and Absorption by Nonspherical Cirrus Ice Particles at Thermal Infrared Wavelengths. <i>Journals of the Atmospheric Sciences</i> , 1999 , 56, 2937-2947	2.1	54
11	Broadband water vapor absorption of solar radiation tested using ARM data. <i>Geophysical Research Letters</i> , 1998 , 25, 1169-1172	4.9	18
10	An Accurate Parameterization of the Infrared Radiative Properties of Cirrus Clouds for Climate Models. <i>Journal of Climate</i> , 1998 , 11, 2223-2237	4.4	228
9	Multiple Scattering Parameterization in Thermal Infrared Radiative Transfer. <i>Journals of the Atmospheric Sciences</i> , 1997 , 54, 2799-2812	2.1	199
8	An Accurate Parameterization of the Solar Radiative Properties of Cirrus Clouds for Climate Models. <i>Journal of Climate</i> , 1996 , 9, 2058-2082	4.4	389
7	Improvements of an Ice-Phase Microphysics Parameterization for Use in Numerical Simulations of Tropical Convection. <i>Journal of Applied Meteorology and Climatology</i> , 1995 , 34, 281-287		204
6	Interactions of Radiation and Convection in Simulated Tropical Cloud Clusters. <i>Journals of the Atmospheric Sciences</i> , 1995 , 52, 1310-1328	2.1	118
5	Parameterization of the Radiative Properties of Cirrus Clouds. <i>Journals of the Atmospheric Sciences</i> , 1993 , 50, 2008-2025	2.1	636
4	On the Correlatedk-Distribution Method for Radiative Transfer in Nonhomogeneous Atmospheres. <i>Journals of the Atmospheric Sciences</i> , 1992 , 49, 2139-2156	2.1	651
3	Expansion of global drylands under a warming climate		23
2	Observed poleward expansion of the Hadley circulation since 1979		15
1	Evaluation of East Asian Meiyu from CMIP6/AMIP simulations. <i>Climate Dynamics</i> , 1	4.2	1

