

# Rucong Yu

## List of Publications by Year in descending order

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33  
papers

2,443  
citations

361413

20  
h-index

414414

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1788  
citing authors

#	ARTICLE	IF	CITATIONS
1	Why the Western Pacific Subtropical High Has Extended Westward since the Late 1970s. <i>Journal of Climate</i> , 2009, 22, 2199-2215.	3.2	456
2	Tropospheric cooling and summer monsoon weakening trend over East Asia. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	364
3	Diurnal variations of summer precipitation over contiguous China. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	271
4	Relation between rainfall duration and diurnal variation in the warm season precipitation over central eastern China. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	193
5	Climate Effects of the Deep Continental Stratus Clouds Generated by the Tibetan Plateau. <i>Journal of Climate</i> , 2004, 17, 2702-2713.	3.2	131
6	Why Nocturnal Long-Duration Rainfall Presents an Eastward-Delayed Diurnal Phase of Rainfall down the Yangtze River Valley. <i>Journal of Climate</i> , 2010, 23, 905-917.	3.2	125
7	Why Is There an Early Spring Cooling Shift Downstream of the Tibetan Plateau?. <i>Journal of Climate</i> , 2005, 18, 4660-4668.	3.2	97
8	Seasonal Variation of the Diurnal Cycle of Rainfall in Southern Contiguous China. <i>Journal of Climate</i> , 2008, 21, 6036-6043.	3.2	95
9	Regimes of Diurnal Variation of Summer Rainfall over Subtropical East Asia. <i>Journal of Climate</i> , 2012, 25, 3307-3320.	3.2	95
10	Impacts of winter-NAO on March cooling trends over subtropical Eurasia continent in the recent half century. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	88
11	Tower mast of precipitation over the central Tibetan Plateau summer. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	79
12	Sea-surface temperature induced variability of the Southern Annular Mode in an atmospheric general circulation model. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	59
13	Diurnal phase of late-night against late-afternoon of stratiform and convective precipitation in summer southern contiguous China. <i>Climate Dynamics</i> , 2010, 35, 567-576.	3.8	56
14	Changes in Duration-Related Characteristics of Late-Summer Precipitation over Eastern China in the Past 40 Years. <i>Journal of Climate</i> , 2011, 24, 5683-5690.	3.2	48
15	Diurnal variations of summer precipitation in Beijing. <i>Science Bulletin</i> , 2008, 53, 1933-1936.	9.0	37
16	Summer rain fall duration and its diurnal cycle over the US Great Plains. <i>International Journal of Climatology</i> , 2009, 29, 1515-1519.	3.5	34
17	Diurnal cycle of rainfall in amount, frequency, intensity, duration, and the seasonality over the UK. <i>International Journal of Climatology</i> , 2018, 38, 4967-4978.	3.5	26
18	The asymmetry of rainfall process. <i>Science Bulletin</i> , 2013, 58, 1850-1856.	1.7	25

#	ARTICLE	IF	CITATIONS
19	The Definition and Characteristics of Regional Rainfall Events Demonstrated by Warm Season Precipitation over the Beijing Plain. <i>Journal of Hydrometeorology</i> , 2015, 16, 396-406.	1.9	24
20	The impact of low-level cloud over the eastern subtropical Pacific on the “Double ITCZ” in LASC FGCM-0. <i>Advances in Atmospheric Sciences</i> , 2003, 20, 461-474.	4.3	21
21	Changes in the diurnal cycles of precipitation over eastern China in the past 40 years. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 461-467.	4.3	20
22	Early Spring Dry Spell in the Southeastern Margin of the Tibetan Plateau. <i>Journal of the Meteorological Society of Japan</i> , 2011, 89, 1-13.	1.8	18
23	Circulation structures leading to propagating and non-propagating heavy summer rainfall in central North China. <i>Climate Dynamics</i> , 2018, 51, 3447-3465.	3.8	16
24	Underestimated tropical stratiform precipitation in the National Center for Atmospheric Research (NCAR) Community Climate Model (CCM3). <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	14
25	A case study on the role of water vapor from Southwest China in downstream heavy rainfall. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 563-576.	4.3	13
26	Characteristics of summer regional rainfall events over Ili River Valley in Northwest China. <i>Atmospheric Research</i> , 2020, 243, 104996.	4.1	10
27	The evolution process of warm season intense regional rainfall events in Yaan. <i>Climate Dynamics</i> , 2020, 54, 3245-3258.	3.8	8
28	Regimes of rainfall preceding regional rainfall events over the plain of Beijing City. <i>International Journal of Climatology</i> , 2018, 38, 4979-4989.	3.5	7
29	An evaluation of the effects of cloud parameterization in the R42L9 GCM. <i>Advances in Atmospheric Sciences</i> , 2004, 21, 153-162.	4.3	5
30	Mean climatic characteristics in high northern latitudes in an ocean-sea ice-atmosphere coupled model. <i>Advances in Atmospheric Sciences</i> , 2004, 21, 236-244.	4.3	5
31	Evolution of warm season intense rainfall in Yaan against a cold-anomaly background. <i>Climate Dynamics</i> , 2022, 59, 2169-2180.	3.8	2
32	Treatment of LBCs in 2D simulation of convection over hills. <i>Advances in Atmospheric Sciences</i> , 2004, 21, 573-586.	4.3	1
33	Weak response of the Atlantic thermohaline circulation to an increase of atmospheric carbon dioxide in IAP/LASG Climate System Model. <i>Science Bulletin</i> , 2005, 50, 592-598.	1.7	0