

## List of Publications by Citations

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418  
papers

31,313  
citations

95  
h-index

163  
g-index

434  
ext. papers

35,511  
ext. citations

6.3  
avg, IF

7.76  
L-index

#	Paper	IF	Citations
418	Indian Ocean Capacitor Effect on Indo-Western Pacific Climate during the Summer following El Niño. <i>Journal of Climate</i> , <b>2009</b> , 22, 730-747	4.4	1182
417	Recent global-warming hiatus tied to equatorial Pacific surface cooling. <i>Nature</i> , <b>2013</b> , 501, 403-7	50.4	1175
416	Indian Ocean circulation and climate variability. <i>Reviews of Geophysics</i> , <b>2009</b> , 47,	23.1	814
415	Global Warming Pattern Formation: Sea Surface Temperature and Rainfall*. <i>Journal of Climate</i> , <b>2010</b> , 23, 966-986	4.4	746
414	Sea surface temperature variability: patterns and mechanisms. <i>Annual Review of Marine Science</i> , <b>2010</b> , 2, 115-43	15.4	628
413	Structure and Mechanisms of South Indian Ocean Climate Variability*. <i>Journal of Climate</i> , <b>2002</b> , 15, 864-878	11.4	602
412	Influence of the Gulf Stream on the troposphere. <i>Nature</i> , <b>2008</b> , 452, 206-9	50.4	522
411	Impact of the Indian Ocean SST basin mode on the Asian summer monsoon. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	515
410	Air-Sea interaction over ocean fronts and eddies. <i>Dynamics of Atmospheres and Oceans</i> , <b>2008</b> , 45, 274-319	1.9	492
409	Summer upwelling in the South China Sea and its role in regional climate variations. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		375
408	A coupled ocean-atmosphere model of relevance to the ITCZ in the eastern Pacific. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , <b>1994</b> , 46, 340-350	2	367
407	Role of Air-Sea Interaction in the Long Persistence of El Niño-Induced North Indian Ocean Warming*. <i>Journal of Climate</i> , <b>2009</b> , 22, 2023-2038	4.4	354
406	Tropical Biases in CMIP5 Multimodel Ensemble: The Excessive Equatorial Pacific Cold Tongue and Double ITCZ Problems*. <i>Journal of Climate</i> , <b>2014</b> , 27, 1765-1780	4.4	348
405	Large-Scale Dynamics of the Meiyu-Baiu Rainband: Environmental Forcing by the Westerly Jet*. <i>Journal of Climate</i> , <b>2010</b> , 23, 113-134	4.4	337
404	Satellite Observations of Cool Ocean-Atmosphere Interaction. <i>Bulletin of the American Meteorological Society</i> , <b>2004</b> , 85, 195-208	6.1	334
403	Indo-western Pacific ocean capacitor and coherent climate anomalies in post-ENSO summer: A review. <i>Advances in Atmospheric Sciences</i> , <b>2016</b> , 33, 411-432	2.9	329
402	. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , <b>1994</b> , 46, 340-350	2	291

401	Decadal modulation of global surface temperature by internal climate variability. <i>Nature Climate Change</i> , <b>2015</b> , 5, 555-559	21.4	290
400	Evaluation of Climate Models741-866		264
399	El Niño modulations over the past seven centuries. <i>Nature Climate Change</i> , <b>2013</b> , 3, 822-826	21.4	264
398	Coupled Ocean-Atmosphere Interaction at Oceanic Mesoscales. <i>Oceanography</i> , <b>2010</b> , 23, 52-69	2.3	264
397	Impact of Indian Ocean Sea Surface Temperature on Developing El Niño*. <i>Journal of Climate</i> , <b>2005</b> , 18, 302-319	4.4	260
396	The Influence of a Weakening of the Atlantic Meridional Overturning Circulation on ENSO. <i>Journal of Climate</i> , <b>2007</b> , 20, 4899-4919	4.4	251
395	Pantropical climate interactions. <i>Science</i> , <b>2019</b> , 363,	33.3	250
394	Atlantic-induced pan-tropical climate change over the past three decades. <i>Nature Climate Change</i> , <b>2016</b> , 6, 275-279	21.4	247
393	La Niña forces unprecedented Leeuwin Current warming in 2011. <i>Scientific Reports</i> , <b>2013</b> , 3, 1277	4.9	241
392	Slowdown of the Walker circulation driven by tropical Indo-Pacific warming. <i>Nature</i> , <b>2012</b> , 491, 439-43	50.4	240
391	Interdecadal modulation of El Niño amplitude during the past millennium. <i>Nature Climate Change</i> , <b>2011</b> , 1, 114-118	21.4	236
390	Role of Narrow Mountains in Large-Scale Organization of Asian Monsoon Convection*. <i>Journal of Climate</i> , <b>2006</b> , 19, 3420-3429	4.4	226
389	Changes in the sea surface temperature threshold for tropical convection. <i>Nature Geoscience</i> , <b>2010</b> , 3, 842-845	18.3	223
388	On the origin of equatorial Atlantic biases in coupled general circulation models. <i>Climate Dynamics</i> , <b>2008</b> , 31, 587-598	4.2	216
387	Patterns of the seasonal response of tropical rainfall to global warming. <i>Nature Geoscience</i> , <b>2013</b> , 6, 357-361	18.3	213
386	Covariations of Sea Surface Temperature and Wind over the Kuroshio and Its Extension: Evidence for Ocean-to-Atmosphere Feedback*. <i>Journal of Climate</i> , <b>2003</b> , 16, 1404-1413	4.4	212
385	Tropical Indian Ocean Influence on Northwest Pacific Tropical Cyclones in Summer following Strong El Niño*. <i>Journal of Climate</i> , <b>2011</b> , 24, 315-322	4.4	209
384	Coupled dynamics over the Indian Ocean: spring initiation of the Zonal Mode. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2003</b> , 50, 2305-2330	2.3	209

383	Decadal Shift in El Niño Influences on Indo-Western Pacific and East Asian Climate in the 1970s*. <i>Journal of Climate</i> , <b>2010</b> , 23, 3352-3368	4.4	207
382	Origin of seasonal predictability for summer climate over the Northwestern Pacific. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 7574-9	11.5	203
381	Decadal Variability of the Kuroshio Extension: Observations and an Eddy-Resolving Model Hindcast*. <i>Journal of Climate</i> , <b>2007</b> , 20, 2357-2377	4.4	200
380	Far-reaching effects of the Hawaiian Islands on the Pacific Ocean-atmosphere system. <i>Science</i> , <b>2001</b> , 292, 2057-60	33.3	199
379	North American Climate in CMIP5 Experiments: Part III: Assessment of Twenty-First-Century Projections*. <i>Journal of Climate</i> , <b>2014</b> , 27, 2230-2270	4.4	197
378	Towards predictive understanding of regional climate change. <i>Nature Climate Change</i> , <b>2015</b> , 5, 921-930	21.4	196
377	Role of atmospheric adjustments in the tropical Indian Ocean warming during the 20th century in climate models. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	193
376	Climate Fluctuations of Tropical Coupled Systems—the Role of Ocean Dynamics. <i>Journal of Climate</i> , <b>2006</b> , 19, 5122-5174	4.4	188
375	Southwest Indian Ocean SST Variability: Its Local Effect and Remote Influence on Asian Monsoons*. <i>Journal of Climate</i> , <b>2005</b> , 18, 4150-4167	4.4	188
374	On the importance of midlatitude oceanic frontal zones for the mean state and dominant variability in the tropospheric circulation. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	185
373	Intensification of landfalling typhoons over the northwest Pacific since the late 1970s. <i>Nature Geoscience</i> , <b>2016</b> , 9, 753-757	18.3	185
372	Bathymetric effect on the winter sea surface temperature and climate of the Yellow and East China Seas. <i>Geophysical Research Letters</i> , <b>2002</b> , 29, 81-1-81-4	4.9	182
371	A Dynamic Ocean-Atmosphere Model of the Tropical Atlantic Decadal Variability. <i>Journal of Climate</i> , <b>1999</b> , 12, 64-70	4.4	176
370	Tropical Atlantic Variability: Patterns, Mechanisms, and Impacts. <i>Geophysical Monograph Series</i> , <b>2013</b> , 121-142	1.1	168
369	Regional Patterns of Sea Surface Temperature Change: A Source of Uncertainty in Future Projections of Precipitation and Atmospheric Circulation*. <i>Journal of Climate</i> , <b>2013</b> , 26, 2482-2501	4.4	165
368	Interdecadal Thermocline Variability in the North Pacific for 1958-97: A GCM Simulation*. <i>Journal of Physical Oceanography</i> , <b>2000</b> , 30, 2798-2813	2.4	152
367	Ocean Frontal Effects on the Vertical Development of Clouds over the Western North Pacific: In Situ and Satellite Observations*. <i>Journal of Climate</i> , <b>2009</b> , 22, 4241-4260	4.4	150
366	Influences of the Kuroshio/Oyashio Extensions on Air-Sea Heat Exchanges and Storm-Track Activity as Revealed in Regional Atmospheric Model Simulations for the 2003/04 Cold Season*. <i>Journal of Climate</i> , <b>2009</b> , 22, 6536-6560	4.4	149

365	Equatorial Atlantic variability and its relation to mean state biases in CMIP5. <i>Climate Dynamics</i> , <b>2014</b> , 42, 171-188	4.2	145
364	The Tropical Eastern Pacific Seasonal Cycle: Assessment of Errors and Mechanisms in IPCC AR4 Coupled Ocean-Atmosphere General Circulation Models*. <i>Journal of Climate</i> , <b>2008</b> , 21, 2573-2590	4.4	145
363	Interaction of the Atlantic Equatorial Cold Tongue and the African Monsoon*. <i>Journal of Climate</i> , <b>2004</b> , 17, 3589-3602	4.4	145
362	A gap in the Indo-Pacific warm pool over the South China Sea in boreal winter: Seasonal development and interannual variability. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		141
361	Atmospheric manifestation of tropical instability wave observed by QuikSCAT and tropical rain measuring mission. <i>Geophysical Research Letters</i> , <b>2000</b> , 27, 2545-2548	4.9	141
360	Polar amplification dominated by local forcing and feedbacks. <i>Nature Climate Change</i> , <b>2018</b> , 8, 1076-1081	11.4	140
359	Atmospheric Response to the Gulf Stream: Seasonal Variations*. <i>Journal of Climate</i> , <b>2010</b> , 23, 3699-3719	4.4	134
358	Tropical Indian Ocean Variability in the IPCC Twentieth-Century Climate Simulations*. <i>Journal of Climate</i> , <b>2006</b> , 19, 4397-4417	4.4	134
357	Overlooked possibility of a collapsed Atlantic Meridional Overturning Circulation in warming climate. <i>Science Advances</i> , <b>2017</b> , 3, e1601666	14.3	133
356	Strengthening of Tropical Indian Ocean Teleconnection to the Northwest Pacific since the Mid-1970s: An Atmospheric GCM Study*. <i>Journal of Climate</i> , <b>2010</b> , 23, 5294-5304	4.4	133
355	Air-Sea Interaction over the Eastern Pacific Warm Pool: Gap Winds, Thermocline Dome, and Atmospheric Convection*. <i>Journal of Climate</i> , <b>2005</b> , 18, 5-20	4.4	131
354	Climate Phenomena and their Relevance for Future Regional Climate Change	1217-1308	130
353	Mechanisms for Tropical Tropospheric Circulation Change in Response to Global Warming*. <i>Journal of Climate</i> , <b>2012</b> , 25, 2979-2994	4.4	128
352	Tropical Atlantic air-sea interaction and its influence on the NAO. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 1507-1510	4.9	128
351	North Pacific Climate Response to Freshwater Forcing in the Subarctic North Atlantic: Oceanic and Atmospheric Pathways. <i>Journal of Climate</i> , <b>2009</b> , 22, 1424-1445	4.4	126
350	A pan-Atlantic decadal climate oscillation. <i>Geophysical Research Letters</i> , <b>1998</b> , 25, 2185-2188	4.9	126
349	Similar spatial patterns of climate responses to aerosol and greenhouse gas changes. <i>Nature Geoscience</i> , <b>2013</b> , 6, 828-832	18.3	125
348	Dynamics of Interannual Variability in Summer Precipitation over East Asia*. <i>Journal of Climate</i> , <b>2011</b> , 24, 5435-5453	4.4	122

347	Limitations of Seasonal Predictability for Summer Climate over East Asia and the Northwestern Pacific. <i>Journal of Climate</i> , <b>2012</b> , 25, 7574-7589	4.4	122
346	Local and remote atmospheric response to tropical instability waves: A global view from space. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 10173-10185		120
345	On the connection between Benguela and equatorial Atlantic Niños and the role of the South Atlantic Anticyclone. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		119
344	The tropical Pacific as a key pacemaker of the variable rates of global warming. <i>Nature Geoscience</i> , <b>2016</b> , 9, 669-673	18.3	118
343	Origins of tropical-wide SST biases in CMIP multi-model ensembles. <i>Geophysical Research Letters</i> , <b>2012</b> , 39, n/a-n/a	4.9	118
342	Contribution of the Interdecadal Pacific Oscillation to twentieth-century global surface temperature trends. <i>Nature Climate Change</i> , <b>2016</b> , 6, 1005-1008	21.4	115
341	Global Warming-Induced Changes in El Niño Teleconnections over the North Pacific and North America. <i>Journal of Climate</i> , <b>2014</b> , 27, 9050-9064	4.4	115
340	Northwestern Pacific typhoon intensity controlled by changes in ocean temperatures. <i>Science Advances</i> , <b>2015</b> , 1, e1500014	14.3	112
339	Regional Patterns of Tropical Indo-Pacific Climate Change: Evidence of the Walker Circulation Weakening. <i>Journal of Climate</i> , <b>2012</b> , 25, 1689-1710	4.4	110
338	Wave- and Anemometer-Based Sea Surface Wind (WASWind) for Climate Change Analysis*. <i>Journal of Climate</i> , <b>2011</b> , 24, 267-285	4.4	109
337	Indian Ocean Dipole Response to Global Warming: Analysis of Ocean-Atmospheric Feedbacks in a Coupled Model*. <i>Journal of Climate</i> , <b>2010</b> , 23, 1240-1253	4.4	109
336	On the Genesis of the Equatorial Annual Cycle. <i>Journal of Climate</i> , <b>1994</b> , 7, 2008-2013	4.4	106
335	North American Climate in CMIP5 Experiments. Part II: Evaluation of Historical Simulations of Intraseasonal to Decadal Variability. <i>Journal of Climate</i> , <b>2013</b> , 26, 9247-9290	4.4	105
334	Muted precipitation increase in global warming simulations: A surface evaporation perspective. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		105
333	Deep South China Sea circulation. <i>Geophysical Research Letters</i> , <b>2011</b> , 38, n/a-n/a	4.9	104
332	Skilful multi-year predictions of tropical trans-basin climate variability. <i>Nature Communications</i> , <b>2015</b> , 6, 6869	17.4	102
331	The global warming hiatus: Slowdown or redistribution?. <i>Earth's Future</i> , <b>2016</b> , 4, 472-482	7.9	100
330	Eastern tropical Pacific hydrologic changes during the past 27,000 years from D/H ratios in alkenones. <i>Paleoceanography</i> , <b>2007</b> , 22, n/a-n/a		100

329	The Effect of Orbital Forcing on the Mean Climate and Variability of the Tropical Pacific. <i>Journal of Climate</i> , <b>2007</b> , 20, 4147-4159	4.4	99
328	Tropical Atlantic biases and their relation to surface wind stress and terrestrial precipitation. <i>Climate Dynamics</i> , <b>2012</b> , 38, 985-1001	4.2	98
327	Mapping High Sea Winds from Space: A Global Climatology. <i>Bulletin of the American Meteorological Society</i> , <b>2007</b> , 88, 1965-1978	6.1	97
326	Interdecadal Variations in ENSO Teleconnection to the Indo-Western Pacific for 1870-2007. <i>Journal of Climate</i> , <b>2012</b> , 25, 1722-1744	4.4	96
325	Indian Ocean Dipole Response to Global Warming in the CMIP5 Multimodel Ensemble*. <i>Journal of Climate</i> , <b>2013</b> , 26, 6067-6080	4.4	95
324	Direct Observations of Atmospheric Boundary Layer Response to SST Variations Associated with Tropical Instability Waves over the Eastern Equatorial Pacific*. <i>Journal of Climate</i> , <b>2002</b> , 15, 3379-3393	4.4	95
323	Intraseasonal variability in the summer South China Sea: Wind jet, cold filament, and recirculations. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		94
322	A Regional Ocean-Atmosphere Model for Eastern Pacific Climate: Toward Reducing Tropical Biases*. <i>Journal of Climate</i> , <b>2007</b> , 20, 1504-1522	4.4	94
321	Intraseasonal variability of sea surface height in the Bay of Bengal. <i>Journal of Geophysical Research: Oceans</i> , <b>2013</b> , 118, 816-830	3.3	93
320	Some Overlooked Features of Tropical Atlantic Climate Leading to a New Niño-Like Phenomenon*. <i>Journal of Climate</i> , <b>2006</b> , 19, 5859-5874	4.4	93
319	Decadal variations in the subtropical cells and equatorial Pacific SST. <i>Geophysical Research Letters</i> , <b>2002</b> , 29, 20-1	4.9	91
318	Tracking ocean heat uptake during the surface warming hiatus. <i>Nature Communications</i> , <b>2016</b> , 7, 10926	17.4	91
317	Predictability of Northwest Pacific climate during summer and the role of the tropical Indian Ocean. <i>Climate Dynamics</i> , <b>2011</b> , 36, 607-621	4.2	90
316	Effects of excessive equatorial cold tongue bias on the projections of tropical Pacific climate change. Part I: the warming pattern in CMIP5 multi-model ensemble. <i>Climate Dynamics</i> , <b>2016</b> , 47, 3817-3831	4.2	88
315	The Central American Midsummer Drought: Regional Aspects and Large-Scale Forcing*. <i>Journal of Climate</i> , <b>2007</b> , 20, 4853-4873	4.4	88
314	Numerical Simulation of Atmospheric Response to Pacific Tropical Instability Waves*. <i>Journal of Climate</i> , <b>2003</b> , 16, 3723-3741	4.4	87
313	Coupled ocean-atmospheric waves on the equatorial front. <i>Geophysical Research Letters</i> , <b>1998</b> , 25, 3863-3866	4.9	87
312	Early 20th-century Arctic warming intensified by Pacific and Atlantic multidecadal variability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 6227-6232	11.5	83

311	Ocean-Atmosphere Covariability in the Western Arabian Sea*. <i>Journal of Climate</i> , <b>2004</b> , 17, 1213-1224	4.4	83
310	Weakening of the equatorial Atlantic cold tongue over the past six decades. <i>Nature Geoscience</i> , <b>2011</b> , 4, 222-226	18.3	82
309	Seasonality and Predictability of the Indian Ocean Dipole Mode: ENSO Forcing and Internal Variability. <i>Journal of Climate</i> , <b>2015</b> , 28, 8021-8036	4.4	81
308	Intraseasonal variability in sea surface height over the South China Sea. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		81
307	Deep Atmospheric Response to the Spring Kuroshio over the East China Sea*. <i>Journal of Climate</i> , <b>2011</b> , 24, 4959-4972	4.4	81
306	SST-Induced Surface Wind Variations over the Brazil-Malvinas Confluence: Satellite and In Situ Observations*. <i>Journal of Climate</i> , <b>2005</b> , 18, 3470-3482	4.4	81
305	Seasonal Variations of Yellow Sea Fog: Observations and Mechanisms*. <i>Journal of Climate</i> , <b>2009</b> , 22, 6758-6772	4.4	80
304	Mechanisms of change in ENSO-induced tropical Pacific rainfall variability in a warming climate. <i>Nature Geoscience</i> , <b>2015</b> , 8, 922-926	18.3	78
303	Increasing occurrence of cold and warm extremes during the recent global warming slowdown. <i>Nature Communications</i> , <b>2018</b> , 9, 1724	17.4	77
302	Westward Propagation of Latitudinal Asymmetry in a Coupled Ocean-Atmosphere Model. <i>Journals of the Atmospheric Sciences</i> , <b>1996</b> , 53, 3236-3250	2.1	77
301	Regional Model Simulations of Marine Boundary Layer Clouds over the Southeast Pacific off South America. Part I: Control Experiment*. <i>Monthly Weather Review</i> , <b>2004</b> , 132, 274-296	2.4	76
300	Predictability of summer northwest Pacific climate in 11 coupled model hindcasts: Local and remote forcing. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		74
299	Precipitation Response to the Gulf Stream in an Atmospheric GCM*. <i>Journal of Climate</i> , <b>2010</b> , 23, 3676-3698	4.4	73
298	Decadal increase in Ningaloo Ni $\bar{\delta}$ since the late 1990s. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 104-112	4.9	72
297	Three subtropical fronts in the North Pacific: Observational evidence for mode water-induced subsurface frontogenesis. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		72
296	Monsoon-Induced Biases of Climate Models over the Tropical Indian Ocean*. <i>Journal of Climate</i> , <b>2015</b> , 28, 3058-3072	4.4	69
295	Corals record long-term Leeuwin current variability including Ningaloo Ni $\bar{\delta}$ /Ni $\delta$ since 1795. <i>Nature Communications</i> , <b>2014</b> , 5, 3607	17.4	68
294	Seasonal Effects of Indian Ocean Freshwater Forcing in a Regional Coupled Model*. <i>Journal of Climate</i> , <b>2009</b> , 22, 6577-6596	4.4	68

293	Global Teleconnections in Response to a Shutdown of the Atlantic Meridional Overturning Circulation*. <i>Journal of Climate</i> , <b>2008</b> , 21, 3002-3019	4.4	68
292	Atmospheric sounding over the winter Kuroshio Extension: Effect of surface stability on atmospheric boundary layer structure. <i>Geophysical Research Letters</i> , <b>2006</b> , 33,	4.9	68
291	Inter-hemispheric Decadal Variations in SST, Surface Wind, Heat Flux and Cloud Cover over the Atlantic Ocean.. <i>Journal of the Meteorological Society of Japan</i> , <b>2002</b> , 80, 1199-1219	2.8	68
290	Historic Yangtze flooding of 2020 tied to extreme Indian Ocean conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	68
289	Indian Ocean variability in the CMIP5 multi-model ensemble: the zonal dipole mode. <i>Climate Dynamics</i> , <b>2014</b> , 43, 1715-1730	4.2	65
288	Western Pacific emergent constraint lowers projected increase in Indian summer monsoon rainfall. <i>Nature Climate Change</i> , <b>2017</b> , 7, 708-712	21.4	64
287	Westward propagation of barrier layer formation in the 200607 Rossby wave event over the tropical southwest Indian Ocean. <i>Geophysical Research Letters</i> , <b>2009</b> , 36,	4.9	64
286	Subduction of the North Pacific Mode Waters in a Global High-Resolution GCM*. <i>Journal of Physical Oceanography</i> , <b>2002</b> , 32, 746-763	2.4	64
285	Interdecadal Amplitude Modulation of El Niño Southern Oscillation and Its Impact on Tropical Pacific Decadal Variability*. <i>Journal of Climate</i> , <b>2013</b> , 26, 7280-7297	4.4	61
284	Deep Atmospheric Response to the North Pacific Oceanic Subtropical Front in Spring. <i>Journal of Climate</i> , <b>2008</b> , 21, 5960-5975	4.4	61
283	Global energetics and local physics as drivers of past, present and future monsoons. <i>Nature Geoscience</i> , <b>2018</b> , 11, 392-400	18.3	61
282	Analysis and high-resolution modeling of a dense sea fog event over the Yellow Sea. <i>Atmospheric Research</i> , <b>2006</b> , 81, 293-303	5.4	60
281	Equatorward Propagation of Coupled Air-Sea Disturbances with Application to the Annual Cycle of the Eastern Tropical Pacific. <i>Journals of the Atmospheric Sciences</i> , <b>1994</b> , 51, 3807-3822	2.1	59
280	The Shape of Continents, Air-Sea Interaction, and the Rising Branch of the Hadley Circulation. <i>Advances in Global Change Research</i> , <b>2004</b> , 121-152	1.2	59
279	Atmospheric Rivers over the Northwestern Pacific: Climatology and Interannual Variability. <i>Journal of Climate</i> , <b>2017</b> , 30, 5605-5619	4.4	58
278	Satellite observations of intense intraseasonal cooling events in the tropical south Indian Ocean. <i>Geophysical Research Letters</i> , <b>2006</b> , 33,	4.9	58
277	Response of the Kuroshio Extension to Rossby Waves Associated with the 1970s Climate Regime Shift in a High-Resolution Ocean Model*. <i>Journal of Climate</i> , <b>2005</b> , 18, 2979-2995	4.4	57
276	Comparison of Climate Response to Anthropogenic Aerosol versus Greenhouse Gas Forcing: Distinct Patterns. <i>Journal of Climate</i> , <b>2016</b> , 29, 5175-5188	4.4	55

275	Effects of the Andes on Eastern Pacific Climate: A Regional Atmospheric Model Study*. <i>Journal of Climate</i> , <b>2004</b> , 17, 589-602	4.4	55
274	Distinct energy budgets for anthropogenic and natural changes during global warming hiatus. <i>Nature Geoscience</i> , <b>2016</b> , 9, 29-33	18.3	54
273	Intermodel Uncertainty in ENSO Amplitude Change Tied to Pacific Ocean Warming Pattern. <i>Journal of Climate</i> , <b>2016</b> , 29, 7265-7279	4.4	54
272	What Caused the Global Surface Warming Hiatus of 1998-2013?. <i>Current Climate Change Reports</i> , <b>2017</b> , 3, 128-140	9	53
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- 4 Preface to the special issue "Unified perspective of climate variability and change" *Advances in Atmospheric Sciences*, **2016**, 33, 409-410 2.9
- 3 Technical Summary 27-158
- 2 Interannual variability and predictability of summer climate over the Northwest Pacific and East Asia 333-342
- 1 How does sea surface temperature drive the Intertropical Convergence Zone in the southern Indian Ocean?. *Journal of Climate*, **2022**, 1-40 4.4