

# S-P Xie

## List of Publications by Year in Descending Order

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

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	Global Warming Pattern Formation: The Role of Ocean Heat Uptake. <i>Journal of Climate</i> , <b>2022</b> , 35, 1885-1899	4.4	3
417	Surface warming-induced global acceleration of upper ocean currents.. <i>Science Advances</i> , <b>2022</b> , 8, eabj8394	4.4	4
416	CMIP6 Intermodel Spread in Interhemispheric Asymmetry of Tropical Climate Response to Greenhouse Warming: Extratropical Ocean Effects. <i>Journal of Climate</i> , <b>2022</b> , 1-49	4.4	0
415	How does sea surface temperature drive the Intertropical Convergence Zone in the southern Indian Ocean?. <i>Journal of Climate</i> , <b>2022</b> , 1-40	4.4	
414	Indo-Pacific warming induced by a weakening of the Atlantic Meridional Overturning Circulation. <i>Journal of Climate</i> , <b>2021</b> , 1-52	4.4	2
413	Ocean warming and accelerating Southern Ocean zonal flow. <i>Nature Climate Change</i> , <b>2021</b> , 11, 1090-1097	7.4	7
412	Covariability of Subantarctic Mode Water and the Southern Branch of the Subtropical Indian Ocean Countercurrent in Argo Observations. <i>Journal of Ocean University of China</i> , <b>2021</b> , 20, 1316-1324	1	1
411	Large-Scale Conditions for the Record-Setting Southern California Marine Heatwave of August 2018. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL091803	4.9	2
410	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
409	Monthly Modulations of ENSO Teleconnections: Implications for Potential Predictability in North America. <i>Journal of Climate</i> , <b>2021</b> , 1-71	4.4	3
408	Pacific Meridional Modes without Equatorial Pacific Influence. <i>Journal of Climate</i> , <b>2021</b> , 1-51	4.4	2
407	Cross-Basin Interactions between the Tropical Atlantic and Pacific in the ECMWF Hindcasts. <i>Journal of Climate</i> , <b>2021</b> , 34, 2459-2472	4.4	2
406	Intensification of El Niño-induced atmospheric anomalies under greenhouse warming. <i>Nature Geoscience</i> , <b>2021</b> , 14, 377-382	18.3	13
405	Buoyancy and Wind Driven Changes in Subantarctic Mode Water During 2004-2019. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL092511	4.9	3
404	Initialized Earth System prediction from subseasonal to decadal timescales. <i>Nature Reviews Earth &amp; Environment</i> , <b>2021</b> , 2, 340-357	30.2	30
403	Atlantic and Pacific tropics connected by mutually interactive decadal-timescale processes. <i>Nature Geoscience</i> , <b>2021</b> , 14, 36-42	18.3	27
402	Drivers of the Indian summer monsoon climate variability <b>2021</b> , 1-28		0

401	Rapid changes in northeastern tropical Pacific Ocean surface salinity due to trans-basin moisture transport in recent decades. <i>Climate Dynamics</i> , <b>2021</b> , 56, 2245-2257	4.2	1
400	Fast and slow responses of the Subantarctic Mode Water in the South Indian Ocean to global warming in CMIP5 extended RCP4.5 simulations. <i>Climate Dynamics</i> , <b>2021</b> , 56, 3157-3171	4.2	4
399	Sea Surface Salinity Change since 1950: Internal Variability versus Anthropogenic Forcing. <i>Journal of Climate</i> , <b>2021</b> , 34, 1305-1319	4.4	3
398	Zonal mean and shift modes of historical climate response to evolving aerosol distribution. <i>Science Bulletin</i> , <b>2021</b> , 66, 2405-2405	10.6	10
397	Greenhouse warming intensifies north tropical Atlantic climate variability. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	5
396	Effects of tropical sea surface temperature variability on Northern Hemisphere tropical cyclone genesis. <i>Journal of Climate</i> , <b>2021</b> , 1-66	4.4	2
395	Tropical teleconnection impacts on Antarctic climate changes. <i>Nature Reviews Earth &amp; Environment</i> , <b>2021</b> , 2, 680-698	30.2	9
394	A Common Base Mode of Asian Summer Monsoon Variability across Timescales. <i>Journal of Climate</i> , <b>2021</b> , 34, 7359-7371	4.4	3
393	Trans-basin influence of southwest tropical Indian Ocean warming during early boreal summer. <i>Journal of Climate</i> , <b>2021</b> , 1-46	4.4	1
392	Subantarctic Mode Water and its long-term change in CMIP6 models. <i>Journal of Climate</i> , <b>2021</b> , 1-51	4.4	1
391	Anthropogenic aerosol effects on tropospheric circulation and sea surface temperature (1980-2020): separating the role of zonally asymmetric forcings. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 18499-18518	6.8	4
390	Walker circulation response to extratropical radiative forcing. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	20
389	Untangling impacts of global warming and Interdecadal Pacific Oscillation on long-term variability of North Pacific tropical cyclone track density. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	9
388	North Atlantic Oscillation Effect on Interannual Variability in Winter Precipitation over the Gulf Stream. <i>Journal of Climate</i> , <b>2020</b> , 33, 6633-6649	4.4	4
387	ENSO-Unrelated Variability in Indo-Northwest Pacific Climate: Regional Coupled Ocean-Atmospheric Feedback. <i>Journal of Climate</i> , <b>2020</b> , 33, 4095-4108	4.4	4
386	Atmospheric Internal Variability in the Summer Indo-Northwestern Pacific: Role of the Intraseasonal Oscillation. <i>Journal of Climate</i> , <b>2020</b> , 33, 3395-3410	4.4	6
385	Multidecadal modulations of key metrics of global climate change. <i>Global and Planetary Change</i> , <b>2020</b> , 188, 103149	4.2	9
384	Amplified Madden-Julian oscillation impacts in the Pacific-North America region. <i>Nature Climate Change</i> , <b>2020</b> , 10, 654-660	21.4	14

383	Physical drivers of the summer 2019 North Pacific marine heatwave. <i>Nature Communications</i> , <b>2020</b> , 11, 1903	17.4	46
382	Eastern Pacific Wind Effect on the Evolution of El Niño: Implications for ENSO Diversity. <i>Journal of Climate</i> , <b>2020</b> , 33, 3197-3212	4.4	10
381	Synchronized tropical Pacific and extratropical variability during the past three decades. <i>Nature Climate Change</i> , <b>2020</b> , 10, 422-427	21.4	2
380	Ocean Warming Pattern Effect On Global And Regional Climate Change. <i>AGU Advances</i> , <b>2020</b> , 1, e2019AV000130	3.4	10
379	Global Pattern Formation of Net Ocean Surface Heat Flux Response to Greenhouse Warming. <i>Journal of Climate</i> , <b>2020</b> , 33, 7503-7522	4.4	7
378	Effects of Buoyancy and Wind Forcing on Southern Ocean Climate Change. <i>Journal of Climate</i> , <b>2020</b> , 33, 10003-10020	4.4	11
377	Seasonal Dependency of Tropical Precipitation Change under Global Warming. <i>Journal of Climate</i> , <b>2020</b> , 33, 7897-7908	4.4	4
376	Rossby and Yanai Modes of Tropical Instability Waves in the Equatorial Pacific Ocean and a Diagnostic Model for Surface Currents. <i>Journal of Physical Oceanography</i> , <b>2020</b> , 50, 3009-3024	2.4	1
375	Dynamics of Southern Hemisphere Atmospheric Circulation Response to Anthropogenic Aerosol Forcing. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL089919	4.9	4
374	Climate impacts of a weakened Atlantic Meridional Overturning Circulation in a warming climate. <i>Science Advances</i> , <b>2020</b> , 6, eaaz4876	14.3	38
373	Changes in the North Pacific subtropical gyre under 1.5 °C low warming scenario. <i>Climate Dynamics</i> , <b>2020</b> , 55, 3117-3131	4.2	1
372	Direct and Indirect Effects-An Information Theoretic Perspective. <i>Entropy</i> , <b>2020</b> , 22,	2.8	1
371	Effects of Ocean Slow Response under Low Warming Targets. <i>Journal of Climate</i> , <b>2020</b> , 33, 477-496	4.4	9
370	Systematic Scatterometer Wind Errors Near Coastal Mountains. <i>Earth and Space Science</i> , <b>2019</b> , 6, 1900-1914	3.4	3
369	Improving Atmospheric River Forecasts With Machine Learning. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 10627-10635	4.9	22
368	Evolution of South Tropical Indian Ocean Warming and the Climatic Impacts Following Strong El Niño Events. <i>Journal of Climate</i> , <b>2019</b> , 32, 7329-7347	4.4	28
367	Interannual Variability of Summer Surface Air Temperature over Central India: Implications for Monsoon Onset. <i>Journal of Climate</i> , <b>2019</b> , 32, 1693-1706	4.4	16
366	Coupled ocean-atmosphere dynamics of the 2017 extreme coastal El Niño. <i>Nature Communications</i> , <b>2019</b> , 10, 298	17.4	18

365	Ocean warming pattern effects on future changes in East Asian atmospheric rivers. <i>Environmental Research Letters</i> , <b>2019</b> , 14, 054019	6.2	13
364	Effects of a Cold Ocean Eddy on Local Atmospheric Boundary Layer Near the Kuroshio Extension: In Situ Observations and Model Experiments. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 5779-5790	4.4	3
363	Dynamics on Seasonal Variability of EKE Associated with TIWs in the Eastern Equatorial Pacific Ocean. <i>Journal of Physical Oceanography</i> , <b>2019</b> , 49, 1503-1519	2.4	6
362	The Pacific Meridional Mode over the last millennium. <i>Climate Dynamics</i> , <b>2019</b> , 53, 3547-3560	4.2	7
361	Variability and Predictability of North Atlantic Hurricane Frequency in a Large Ensemble of High-Resolution Atmospheric Simulations. <i>Journal of Climate</i> , <b>2019</b> , 32, 3153-3167	4.4	18
360	Pantropical climate interactions. <i>Science</i> , <b>2019</b> , 363,	33.3	250
359	El Niño-like Physical and Biogeochemical Ocean Response to Tropical Eruptions. <i>Journal of Climate</i> , <b>2019</b> , 32, 2627-2649	4.4	15
358	Intensification of El Niño Rainfall Variability Over the Tropical Pacific in the Slow Oceanic Response to Global Warming. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 2253-2260	4.9	8
357	Why Does Global Warming Weaken the Gulf Stream but Intensify the Kuroshio?. <i>Journal of Climate</i> , <b>2019</b> , 32, 7437-7451	4.4	26
356	Effect of the mean flow on the anomalous anticyclone over the Indo-Northwest Pacific in post-El Niño summers. <i>Climate Dynamics</i> , <b>2019</b> , 53, 5725-5741	4.2	16
355	The North Pacific Pacemaker Effect on Historical ENSO and Its Mechanisms. <i>Journal of Climate</i> , <b>2019</b> , 32, 7643-7661	4.4	23
354	Enhanced equatorial warming causes deep-tropical contraction and subtropical monsoon shift. <i>Nature Climate Change</i> , <b>2019</b> , 9, 834-839	21.4	27
353	Observed Variations of the Atmospheric Boundary Layer and Stratocumulus over a Warm Eddy in the Kuroshio Extension. <i>Monthly Weather Review</i> , <b>2019</b> , 147, 1581-1591	2.4	6
352	A Conceptual Spectral Plume Model for Understanding Tropical Temperature Profile and Convective Updraft Velocities. <i>Journals of the Atmospheric Sciences</i> , <b>2019</b> , 76, 2801-2814	2.1	7
351	Local and Nonlocal Land Surface Influence in European Heatwave Initial Condition Ensembles. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 14082-14092	4.9	9
350	Variability and Predictability of Indian Rainfall During the Monsoon Onset Month of June. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 14782-14788	4.9	8
349	Effects of Anticyclonic Eddies on the Multicore Structure of the North Pacific Subtropical Mode Water Based on Argo Observations. <i>Journal of Geophysical Research: Oceans</i> , <b>2019</b> , 124, 8400-8413	3.3	3
348	Deciphering Human Contributions to Yellow River Flow Reductions and Downstream Drying Using Centuries-Long Tree Ring Records. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 898-905	4.9	17

347	Assessing the internal variability in multi-decadal trends of summer surface air temperature over East Asia with a large ensemble of GCM simulations. <i>Climate Dynamics</i> , <b>2019</b> , 52, 6229-6242	4.2	18
346	Dynamics of Asian Summer Monsoon Response to Anthropogenic Aerosol Forcing. <i>Journal of Climate</i> , <b>2019</b> , 32, 843-858	4.4	25
345	Southern Ocean Heat Uptake, Redistribution, and Storage in a Warming Climate: The Role of Meridional Overturning Circulation. <i>Journal of Climate</i> , <b>2018</b> , 31, 4727-4743	4.4	43
344	Challenges and opportunities for improved understanding of regional climate dynamics. <i>Nature Climate Change</i> , <b>2018</b> , 8, 101-108	21.4	47
343	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
342	Eastern Pacific ITCZ Dipole and ENSO Diversity. <i>Journal of Climate</i> , <b>2018</b> , 31, 4449-4462	4.4	31
341	Changes in Extreme Rainfall Over India and China Attributed to Regional Aerosol-Cloud Interaction During the Late 20th Century Rapid Industrialization. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 7857-7865	4.9	35
340	Evolving Relative Importance of the Southern Ocean and North Atlantic in Anthropogenic Ocean Heat Uptake. <i>Journal of Climate</i> , <b>2018</b> , 31, 7459-7479	4.4	40
339	Extratropical forcing and tropical rainfall distribution: energetics framework and ocean Ekman advection. <i>Npj Climate and Atmospheric Science</i> , <b>2018</b> , 1,	8	45
338	Atmospheric Conditions for Advection-Radiation Fog Over the Western Yellow Sea. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2018</b> , 123, 5455-5468	4.4	13
337	Pacific Decadal Oscillation: Tropical Pacific Forcing versus Internal Variability. <i>Journal of Climate</i> , <b>2018</b> , 31, 8265-8279	4.4	28
336	Evaluating AMIP Skill in Simulating Interannual Variability over the Indo-Western Pacific. <i>Journal of Climate</i> , <b>2018</b> , 31, 2253-2265	4.4	19
335	The interplay of internal and forced modes of Hadley Cell expansion: lessons from the global warming hiatus. <i>Climate Dynamics</i> , <b>2018</b> , 51, 305-319	4.2	35
334	ENSO forced and local variability of North Tropical Atlantic SST: model simulations and biases. <i>Climate Dynamics</i> , <b>2018</b> , 51, 4511-4524	4.2	21
333	Polar amplification dominated by local forcing and feedbacks. <i>Nature Climate Change</i> , <b>2018</b> , 8, 1076-1081	11.4	140
332	An Ocean View of the Global Surface Warming Hiatus. <i>Oceanography</i> , <b>2018</b> , 31,	2.3	17
331	Satellite Observations of Enhanced Chlorophyll Variability in the Southern California Bight. <i>Journal of Geophysical Research: Oceans</i> , <b>2018</b> , 123, 7550-7563	3.3	6
330	Indo-Western Pacific Climate Variability: ENSO Forcing and Internal Dynamics in a Tropical Pacific Pacemaker Simulation. <i>Journal of Climate</i> , <b>2018</b> , 31, 10123-10139	4.4	8

329	A Hierarchy of Idealized Monsoons in an Intermediate GCM. <i>Journal of Climate</i> , <b>2018</b> , 31, 9021-9036	4.4	12
328	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
327	Atlantic effects on recent decadal trends in global monsoon. <i>Climate Dynamics</i> , <b>2017</b> , 49, 3443-3455	4.2	26
326	Global Influence of Tropical Pacific Variability with Implications for Global Warming Slowdown. <i>Journal of Climate</i> , <b>2017</b> , 30, 2679-2695	4.4	14
325	Seasonal Modulations of El Niño-Related Atmospheric Variability: Indo-Western Pacific Ocean Feedback. <i>Journal of Climate</i> , <b>2017</b> , 30, 3461-3472	4.4	32
324	Intermember Variability of the Summer Northwest Pacific Subtropical Anticyclone in the Ensemble Forecast. <i>Journal of Climate</i> , <b>2017</b> , 30, 3927-3941	4.4	17
323	Observing subsurface changes of two anticyclonic eddies passing over the Izu-Ogasawara Ridge. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 1857	4.9	2
322	Atmospheric Rivers over the Northwestern Pacific: Climatology and Interannual Variability. <i>Journal of Climate</i> , <b>2017</b> , 30, 5605-5619	4.4	58
321	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
320	What Caused the Global Surface Warming Hiatus of 1998-2013?. <i>Current Climate Change Reports</i> , <b>2017</b> , 3, 128-140	9	53
319	Intermodel Spread around the Kuroshio-Oyashio Extension Region in Coupled GCMs Caused by Meridional Variation of the Westerly Jet from Atmospheric GCMs. <i>Journal of Climate</i> , <b>2017</b> , 30, 4589-4599	4.4	4
318	Overlooked possibility of a collapsed Atlantic Meridional Overturning Circulation in warming climate. <i>Science Advances</i> , <b>2017</b> , 3, e1601666	14.3	133
317	Contributions of the North Pacific Meridional Mode to Ensemble Spread of ENSO Prediction. <i>Journal of Climate</i> , <b>2017</b> , 30, 9167-9181	4.4	27
316	Climatology and decadal variations in multicore structure of the North Pacific subtropical mode water. <i>Journal of Geophysical Research: Oceans</i> , <b>2017</b> , 122, 7506-7520	3.3	3
315	Diurnal Convection-Wind Coupling in the Bay of Bengal. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2017</b> , 122, 9705-9720	4.4	15
314	Enhanced warming of the subtropical mode water in the North Pacific and North Atlantic. <i>Nature Climate Change</i> , <b>2017</b> , 7, 656-658	21.4	23
313	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
312	Orographically Anchored El Niño Effect on Summer Rainfall in Central China. <i>Journal of Climate</i> , <b>2017</b> , 30, 10037-10045	4.4	40



311	Removing Circulation Effects to Assess Central U.S. Land-Atmosphere Interactions in the CESM Large Ensemble. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 9938-9946	4.9	21
310	Tropical Ocean Contributions to California's Surprisingly Dry El Niño of 2015/16. <i>Journal of Climate</i> , <b>2017</b> , 30, 10067-10079	4.4	24
309	A Transbasin Mode of Interannual Variability of the Central American Gap Winds: Seasonality and Large-Scale Forcing. <i>Journal of Climate</i> , <b>2017</b> , 30, 8223-8235	4.4	4
308	Connecting tropical climate change with Southern Ocean heat uptake. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 9449-9457	4.9	33
307	Causes of Enhanced SST Variability over the Equatorial Atlantic and Its Relationship to the Atlantic Zonal Mode in CMIP5. <i>Journal of Climate</i> , <b>2017</b> , 30, 6171-6182	4.4	6
306	Evolution of the North Pacific Subtropical Mode Water in Anticyclonic Eddies. <i>Journal of Geophysical Research: Oceans</i> , <b>2017</b> , 122, 10118-10130	3.3	15
305	Phase locking of equatorial Atlantic variability through the seasonal migration of the ITCZ. <i>Climate Dynamics</i> , <b>2017</b> , 48, 3615-3629	4.2	31
304	Forced response and internal variability of summer climate over western North America. <i>Climate Dynamics</i> , <b>2017</b> , 49, 403-417	4.2	17
303	WES feedback and the Atlantic Meridional Mode: observations and CMIP5 comparisons. <i>Climate Dynamics</i> , <b>2017</b> , 49, 1665-1679	4.2	49
302	Intermodel spread of the double-ITCZ bias in coupled GCMs tied to land surface temperature in AMIP GCMs. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 7975-7984	4.9	10
301	Climatological Relationship between Warm Season Atmospheric Rivers and Heavy Rainfall over East Asia. <i>Journal of the Meteorological Society of Japan</i> , <b>2017</b> , 95, 411-431	2.8	32
300	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
299	The global warming hiatus: Slowdown or redistribution?. <i>Earth's Future</i> , <b>2016</b> , 4, 472-482	7.9	100
298	Characterizing CMIP5 model spread in simulated rainfall in the Pacific Intertropical Convergence and South Pacific Convergence Zones. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 11,590-11,604	4.4	8
297	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
296	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
295	Observing mesoscale eddy effects on mode-water subduction and transport in the North Pacific. <i>Nature Communications</i> , <b>2016</b> , 7, 10505	17.4	53
294	Correspondence: Reply to: 'Correspondence: Variations in ocean heat uptake during the surface warming hiatus'. <i>Nature Communications</i> , <b>2016</b> , 7, 12542	17.4	5



293	Slow Preconditioning for the Abrupt Convective Jump over the Northwest Pacific during Summer. <i>Journal of Climate</i> , <b>2016</b> , 29, 8103-8113	4.4	7
292	A Robust but Spurious Pattern of Climate Change in Model Projections over the Tropical Indian Ocean. <i>Journal of Climate</i> , <b>2016</b> , 29, 5589-5608	4.4	47
291	Summer U.S. Surface Air Temperature Variability: Controlling Factors and AMIP Simulation Biases. <i>Journal of Climate</i> , <b>2016</b> , 29, 5123-5139	4.4	23
290	Changes in mixed layer depth and spring bloom in the Kuroshio extension under global warming. <i>Advances in Atmospheric Sciences</i> , <b>2016</b> , 33, 452-461	2.9	2
289	Robust cloud feedback over tropical land in a warming climate. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 2593-2609	4.4	13
288	A 117-year long index of the Pacific-Japan pattern with application to interdecadal variability. <i>International Journal of Climatology</i> , <b>2016</b> , 36, 1575-1589	3.5	51
287	Preface to the special issue Unified perspective of climate variability and change. <i>Advances in Atmospheric Sciences</i> , <b>2016</b> , 33, 409-410	2.9	
286	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
285	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
284	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
283	The North Pacific Oxygen Uptake Rates over the Past Half Century. <i>Journal of Climate</i> , <b>2016</b> , 29, 61-76	4.4	20
282	Low-Cloud Transitions across the Kuroshio Front in the East China Sea. <i>Journal of Climate</i> , <b>2016</b> , 29, 4429-4443	4.4	13
281	Tracking ocean heat uptake during the surface warming hiatus. <i>Nature Communications</i> , <b>2016</b> , 7, 10926	17.4	91
280	Detecting cross-equatorial wind change as a fingerprint of climate response to anthropogenic aerosol forcing. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 3444-3450	4.9	22
279	Multicore structure of the North Pacific subtropical mode water from enhanced Argo observations. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 1249-1255	4.9	7
278	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
277	Interannual-to-decadal variability and trends of sea level in the South China Sea. <i>Climate Dynamics</i> , <b>2016</b> , 46, 3113-3126	4.2	42
276	Uncertainty in Tropical Rainfall Projections: Atmospheric Circulation Effect and the Ocean Coupling. <i>Journal of Climate</i> , <b>2016</b> , 29, 2671-2687	4.4	41

275	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
274	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
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