

# Sang-wook Yeh

## List of Publications by Year in descending order

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Version: 2024-02-01

198  
papers

8,605  
citations

87723

38  
h-index

54797

84  
g-index

204  
all docs

204  
docs citations

204  
times ranked

6687  
citing authors

#	ARTICLE	IF	CITATIONS
1	El Niño in a changing climate. <i>Nature</i> , 2009, 461, 511-514.	13.7	1,325
2	Understanding ENSO Diversity. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 921-938.	1.7	745
3	El Niño–Southern Oscillation complexity. <i>Nature</i> , 2018, 559, 535-545.	13.7	702
4	ENSO and greenhouse warming. <i>Nature Climate Change</i> , 2015, 5, 849-859.	8.1	596
5	ENSO Atmospheric Teleconnections and Their Response to Greenhouse Gas Forcing. <i>Reviews of Geophysics</i> , 2018, 56, 185-206.	9.0	330
6	Historical change of El Niño properties sheds light on future changes of extreme El Niño. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22512-22517.	3.3	221
7	Climate Phenomena and their Relevance for Future Regional Climate Change. , 2014, , 1217-1308.		202
8	Changing El Niño–Southern Oscillation in a warming climate. <i>Nature Reviews Earth &amp; Environment</i> , 2021, 2, 628-644.	12.2	197
9	Combined effect of El Niño–Southern Oscillation and Pacific Decadal Oscillation on the East Asian winter monsoon. <i>Climate Dynamics</i> , 2014, 42, 957-971.	1.7	131
10	Recent progress on two types of El Niño: Observations, dynamics, and future changes. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2014, 50, 69-81.	1.3	124
11	The role of mean state on changes in El Niño’s flavor. <i>Climate Dynamics</i> , 2011, 37, 1205-1215.	1.7	103
12	Natural variability of the central Pacific El Niño event on multi-centennial timescales. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	101
13	Observational evidences of Walker circulation change over the last 30 years contrasting with GCM results. <i>Climate Dynamics</i> , 2013, 40, 1721-1732.	1.7	94
14	The unique 2009–2010 El Niño event: A fast phase transition of warm pool El Niño to La Niña. <i>Geophysical Research Letters</i> , 2011, 38, .	1.5	93
15	On the Relationship between the North Pacific Climate Variability and the Central Pacific El Niño. <i>Journal of Climate</i> , 2015, 28, 663-677.	1.2	92
16	Recent warming in the Yellow/East China Sea during winter and the associated atmospheric circulation. <i>Continental Shelf Research</i> , 2010, 30, 1428-1434.	0.9	88
17	Decadal amplitude modulation of two types of ENSO and its relationship with the mean state. <i>Climate Dynamics</i> , 2012, 38, 2631-2644.	1.7	85
18	Influence of the Pacific Decadal Oscillation on the Relationship between El Niño and the Northeast Asian Summer Monsoon. <i>Journal of Climate</i> , 2010, 23, 4525-4537.	1.2	82

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19	The North Pacific Climate Transitions of the Winters of 1976/77 and 1988/89. <i>Journal of Climate</i> , 2011, 24, 1170-1183.	1.2	78
20	Changes in the Tropical Pacific SST Trend from CMIP3 to CMIP5 and Its Implication of ENSO. <i>Journal of Climate</i> , 2012, 25, 7764-7771.	1.2	77
21	Tropical Pacific decadal variability and ENSO amplitude modulation in a CGCM. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	71
22	A further study of the tropical Indian Ocean asymmetric mode in boreal spring. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	70
23	ENSO and East Asian winter monsoon relationship modulation associated with the anomalous northwest Pacific anticyclone. <i>Climate Dynamics</i> , 2017, 49, 1157-1179.	1.7	66
24	Response of ENSO amplitude to global warming in CESM large ensemble: uncertainty due to internal variability. <i>Climate Dynamics</i> , 2018, 50, 4019-4035.	1.7	60
25	The Record-Breaking Heat Wave in 2016 over South Korea and Its Physical Mechanism. <i>Monthly Weather Review</i> , 2018, 146, 1463-1474.	0.5	59
26	Two Types of Heat Wave in Korea Associated With Atmospheric Circulation Pattern. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 7498-7511.	1.2	58
27	Spring persistence, transition, and resurgence of El Niño. <i>Geophysical Research Letters</i> , 2014, 41, 8578-8585.	1.5	57
28	Pacific decadal variability and decadal ENSO amplitude modulation. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	56
29	On the Fragile Relationship Between El Niño and California Rainfall. <i>Geophysical Research Letters</i> , 2018, 45, 907-915.	1.5	56
30	Decadal change in the relationship between east Asian and western North Pacific summer monsoons and ENSO in the mid-1990s. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	52
31	The Influence of ENSO on Decadal Variations in the Relationship between the East Asian and Western North Pacific Summer Monsoons. <i>Journal of Climate</i> , 2008, 21, 3165-3179.	1.2	49
32	ENSO Amplitude Changes due to Climate Change Projections in Different Coupled Models. <i>Journal of Climate</i> , 2007, 20, 203-217.	1.2	48
33	Statistical relationship between two types of El Niño events and climate variation over the Korean Peninsula. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2010, 46, 467-474.	1.3	48
34	Tropical influence on the North Pacific Oscillation drives winter extremes in North America. <i>Nature Climate Change</i> , 2019, 9, 413-418.	8.1	48
35	Impact of Poleward Moisture Transport from the North Pacific on the Acceleration of Sea Ice Loss in the Arctic since 2002. <i>Journal of Climate</i> , 2017, 30, 6757-6769.	1.2	45
36	Seasonal change in anomalous WNPSH associated with the strong East Asian summer monsoon. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	44

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37	Favorable connections between seasonal footprinting mechanism and El Niño. <i>Climate Dynamics</i> , 2013, 40, 1169-1181.	1.7	42
38	Changes in the relationship in the SST variability between the tropical Pacific and the North Pacific across the 1998/1999 regime shift. <i>Geophysical Research Letters</i> , 2015, 42, 7171-7178.	1.5	42
39	An Eastward Shift of the North Pacific Oscillation After the Mid-1990s and Its Relationship With ENSO. <i>Geophysical Research Letters</i> , 2018, 45, 6654-6660.	1.5	42
40	Variability of chlorophyll associated with El Niño–Southern Oscillation and its possible biological feedback in the equatorial Pacific. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	41
41	Evaluation of performance of CMIP5 models in simulating the North Pacific Oscillation and El Niño Modoki. <i>Climate Dynamics</i> , 2019, 52, 1383-1394.	1.7	41
42	ENSO-Like and ENSO-Induced Tropical Pacific Decadal Variability in CGCMs. <i>Journal of Climate</i> , 2013, 26, 1485-1501.	1.2	34
43	Dynamics and characteristics of dry and moist heatwaves over East Asia. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	34
44	Tracking the complete revolution of surface westerlies over Northern Hemisphere using radionuclides emitted from Fukushima. <i>Science of the Total Environment</i> , 2012, 438, 80-85.	3.9	32
45	Critical Role of Northern Off-Equatorial Sea Surface Temperature Forcing Associated with Central Pacific El Niño in More Frequent Tropical Cyclone Movements toward East Asia. <i>Journal of Climate</i> , 2013, 26, 2534-2545.	1.2	32
46	Distinct impact of tropical SSTs on summer North Pacific high and western North Pacific subtropical high. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4107-4116.	1.2	32
47	Effects of sulfate aerosol forcing on East Asian summer monsoon for 1985–2010. <i>Geophysical Research Letters</i> , 2016, 43, 1364-1372.	1.5	32
48	Recent surface cooling in the Yellow and East China Seas and the associated North Pacific climate regime shift. <i>Continental Shelf Research</i> , 2018, 156, 43-54.	0.9	32
49	Effect of recent Atlantic warming in strengthening Atlantic–Pacific teleconnection on interannual timescale via enhanced connection with the Pacific meridional mode. <i>Climate Dynamics</i> , 2019, 53, 371-387.	1.7	32
50	Hysteresis of the intertropical convergence zone to CO2 forcing. <i>Nature Climate Change</i> , 2022, 12, 47-53.	8.1	32
51	The impact of internal atmospheric variability on the North Pacific SST variability. <i>Climate Dynamics</i> , 2004, 22, 721-732.	1.7	31
52	Rectification of ENSO Variability by Interdecadal Changes in the Equatorial Background Mean State in a CGCM Simulation. <i>Journal of Climate</i> , 2007, 20, 2002-2021.	1.2	31
53	Diagnosing Physical Mechanisms Leading to Pure Heat Waves Versus Pure Tropical Nights Over the Korean Peninsula. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 7149-7160.	1.2	31
54	Effects of the low-frequency zonal wind variation on the high frequency atmospheric variability over the tropics. <i>Climate Dynamics</i> , 2009, 33, 495-507.	1.7	30

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55	Reinterpreting the thermocline feedback in the western-central equatorial Pacific and its relationship with the ENSO modulation. <i>Climate Dynamics</i> , 2013, 41, 819-830.	1.7	29
56	Critical role of boreal summer North Pacific subtropical highs in ENSO transition. <i>Climate Dynamics</i> , 2015, 44, 1979-1992.	1.7	29
57	Vertical structure variability in the equatorial Pacific before and after the Pacific climate shift of the 1970s. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	28
58	Two Types of Strong Northeast Asian Summer Monsoon. <i>Journal of Climate</i> , 2009, 22, 4406-4417.	1.2	28
59	Decadal change in relationship between western North Pacific tropical cyclone frequency and the tropical Pacific SST. <i>Meteorology and Atmospheric Physics</i> , 2010, 106, 179-189.	0.9	28
60	Regulation of atmospheric circulation controlling the tropical Pacific precipitation change in response to CO2 increases. <i>Nature Communications</i> , 2019, 10, 1108.	5.8	28
61	Korea Institute of Ocean Science and Technology Earth System Model and Its Simulation Characteristics. <i>Ocean Science Journal</i> , 2021, 56, 18-45.	0.6	28
62	Dissimilar effects of two El Niño types on PM2.5 concentrations in East Asia. <i>Environmental Pollution</i> , 2018, 242, 1395-1403.	3.7	27
63	Changes in the linear relationship of ENSO-PDO under the global warming. <i>International Journal of Climatology</i> , 2013, 33, 1121-1128.	1.5	26
64	Analysis of characteristics in the sea surface temperature variability in the East/Japan Sea. <i>Progress in Oceanography</i> , 2010, 85, 213-223.	1.5	25
65	A possible mechanism for the North Pacific regime shift in winter of 1998/1999. <i>Geophysical Research Letters</i> , 2013, 40, 4380-4385.	1.5	25
66	Statistical predictability of wintertime PM2.5 concentrations over East Asia using simple linear regression. <i>Science of the Total Environment</i> , 2021, 776, 146059.	3.9	25
67	Recent climate variation in the Bering and Chukchi Seas and its linkages to large-scale circulation in the Pacific. <i>Climate Dynamics</i> , 2014, 42, 2423-2437.	1.7	24
68	Threshold of the volcanic forcing that leads the El Niño-like warming in the last millennium: results from the ERIK simulation. <i>Climate Dynamics</i> , 2016, 46, 3725-3736.	1.7	24
69	Radioactive impact in South Korea from the damaged nuclear reactors in Fukushima: evidence of long and short range transport. <i>Journal of Radiological Protection</i> , 2012, 32, 397-411.	0.6	23
70	Asymmetric impact of Central Pacific ENSO on the reduction of tropical cyclone genesis frequency over the western North Pacific since the late 1990s. <i>Climate Dynamics</i> , 2020, 54, 661-673.	1.7	23
71	Future Southern Ocean warming linked to projected ENSO variability. <i>Nature Climate Change</i> , 2022, 12, 649-654.	8.1	23
72	The central Pacific as the export region of the El Niño-Southern Oscillation sea surface temperature anomaly to Antarctic sea ice. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	22

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73	Revisited relationship between tropical and North Pacific sea surface temperature variations. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	22
74	Projections of faster onset and slower decay of El Niño in the 21st century. <i>Nature Communications</i> , 2022, 13, 1915.	5.8	22
75	The Decadal ENSO Variability in a Hybrid Coupled Model. <i>Journal of Climate</i> , 2004, 17, 1225-1238.	1.2	21
76	Low-Frequency Variability of Temperature in the Vicinity of the Equatorial Pacific Thermocline in SODA: Role of Equatorial Wave Dynamics and ENSO Asymmetry. <i>Journal of Climate</i> , 2009, 22, 5783-5795.	1.2	21
77	The effects of ENSO under negative AO phase on spring dust activity over northern China: an observational investigation. <i>International Journal of Climatology</i> , 2015, 35, 935-947.	1.5	21
78	Global Cooling Hiatus Driven by an AMOC Overshoot in a Carbon Dioxide Removal Scenario. <i>Earth's Future</i> , 2021, 9, e2021EF002165.	2.4	21
79	The North Pacific Oscillation-ENSO and internal atmospheric variability. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	20
80	Ocean chlorophyll response to two types of El Niño events in an ocean-biogeochemical coupled model. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 933-952.	1.0	20
81	Fourth CLIVAR Workshop on the Evaluation of ENSO Processes in Climate Models: ENSO in a Changing Climate. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, 817-820.	1.7	20
82	ENSO nonlinearity in a warming climate. <i>Climate Dynamics</i> , 2011, 37, 2045-2065.	1.7	19
83	Change in strong Eastern Pacific El Niño events dynamics in the warming climate. <i>Climate Dynamics</i> , 2020, 54, 901-918.	1.7	19
84	Seasonal variation of the upper ocean responding to surface heating in the North Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 5631-5647.	1.0	18
85	Origin of decadal El Niño–Southern Oscillation–like variability in a coupled general circulation model. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	17
86	Statistical evidence for the natural variation of the central Pacific El Niño. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	17
87	Quantitative assessment of the climate components driving the Pacific decadal oscillation in climate models. <i>Theoretical and Applied Climatology</i> , 2013, 112, 431-445.	1.3	17
88	Changes in the variability of the North Pacific sea surface temperature caused by direct sulfate aerosol forcing in China in a coupled general circulation model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 1261-1270.	1.2	17
89	Role of the western tropical Pacific in the North Pacific regime shift in the winter of 1998/1999. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 6161-6170.	1.0	17
90	Revisiting the iris effect of tropical cirrus clouds with TRMM and A-train satellite data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 5917-5931.	1.2	17

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91	ENSO amplitude changes in climate change commitment to atmospheric CO <sub>2</sub> doubling. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	16
92	Decadal changes in the relationship between the tropical Pacific and the North Pacific. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	16
93	The status and prospect of seasonal climate prediction of climate over Korea and East Asia: A review. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2017, 53, 149-173.	1.3	16
94	Monthly climate variation over Korea in relation to the two types of ENSO evolution. <i>International Journal of Climatology</i> , 2018, 38, 811-824.	1.5	16
95	Arctic Sea Ice Loss as a Potential Trigger for Central Pacific El Niño Events. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087028.	1.5	16
96	Asymmetrical response of summer rainfall in East Asia to CO <sub>2</sub> forcing. <i>Science Bulletin</i> , 2022, 67, 213-222.	4.3	16
97	Contrasting response of hydrological cycle over land and ocean to a changing CO <sub>2</sub> pathway. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	16
98	Atmospheric impact on the northwestern Pacific under a global warming scenario. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	15
99	Covariability of western tropical Pacific-North Pacific atmospheric circulation during summer. <i>Scientific Reports</i> , 2015, 5, 16980.	1.6	15
100	Intensity changes of Indian Ocean dipole mode in a carbon dioxide removal scenario. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	15
101	A Temporal Multiscale Analysis of the Waters off the East Coast of South Korea over the Past Four Decades. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2014, 25, 415.	0.3	14
102	Study of the Relationship between the East Asian Marginal SST and the Two Different Types of El Niño. <i>Ocean and Polar Research</i> , 2009, 31, 51-61.	0.3	14
103	Decadal North Pacific sea surface temperature variability and the associated global climate anomalies in a coupled general circulation model. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	13
104	Interannual El Niño variability in CMIP5 models: Model deficiencies and future changes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 3894-3906.	1.2	13
105	Land-sea thermal contrast determines the trend of Walker circulation simulated in atmospheric general circulation models. <i>Geophysical Research Letters</i> , 2017, 44, 5854-5862.	1.5	13
106	On the relationship between the interannual and decadal SST variability in the North Pacific and tropical Pacific Ocean. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	12
107	Changes in mixed layer depth under climate change projections in two CGCMs. <i>Climate Dynamics</i> , 2009, 33, 199-213.	1.7	12
108	Role of the upper ocean structure in the response of ENSO-like SST variability to global warming. <i>Climate Dynamics</i> , 2010, 35, 355-369.	1.7	12

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109	Processes that influence the mixed layer deepening during winter in the North Pacific. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	12
110	Sensitivity of the northeast Asian summer monsoon to tropical sea surface temperatures. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	12
111	How Does Pacific Decadal Oscillation Affect Tropical Cyclone Activity Over Far East Asia?. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	12
112	The characteristic oscillation induced by coupled processes between oceanic vertical modes and atmospheric modes in the tropical Pacific. <i>Geophysical Research Letters</i> , 2001, 28, 2847-2850.	1.5	11
113	Impacts of aerosols on regional meteorology due to Siberian forest fires in May 2003. <i>Atmospheric Environment</i> , 2011, 45, 1407-1412.	1.9	11
114	Understanding the responses of sea surface temperature to the two different types of El Niño in the western North Pacific. <i>Progress in Oceanography</i> , 2012, 105, 81-89.	1.5	11
115	Sensitivity of summer precipitation to tropical sea surface temperatures over East Asia in the GRIMs GMP. <i>Geophysical Research Letters</i> , 2013, 40, 1824-1831.	1.5	11
116	Impact of the Indian Ocean on ENSO variability in a hybrid coupled model. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2007, 133, 445-457.	1.0	10
117	Effect of anthropogenic sulphate aerosol in China on the drought in the western-to-central US. <i>Scientific Reports</i> , 2015, 5, 14305.	1.6	10
118	Distinct mechanisms of Korean surface temperature variability during early and late summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6137-6151.	1.2	10
119	Attribution of the 2015 record high sea surface temperatures over the central equatorial Pacific and tropical Indian Ocean. <i>Environmental Research Letters</i> , 2017, 12, 044024.	2.2	10
120	The role of low-frequency variation in the manifestation of warming trend and ENSO amplitude. <i>Climate Dynamics</i> , 2017, 49, 1197-1213.	1.7	10
121	Changes in the role of Pacific decadal oscillation on sea ice extent variability across the mid-1990s. <i>Scientific Reports</i> , 2020, 10, 17564.	1.6	10
122	Nonlinear impact of the Arctic Oscillation on extratropical surface air temperature. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	9
123	Ocean mixed layer processes in the Pacific Decadal Oscillation in coupled general circulation models. <i>Climate Dynamics</i> , 2013, 41, 1407-1417.	1.7	9
124	A possible explanation on the changes in the spatial structure of ENSO from CMIP3 to CMIP5. <i>Geophysical Research Letters</i> , 2014, 41, 140-145.	1.5	9
125	Human Contribution to the 2014 Record High Sea Surface Temperatures Over the Western Tropical And Northeast Pacific Ocean. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, S100-S104.	1.7	9
126	Evidence of the observed change in the atmosphere-ocean interactions over the South China Sea during summer in a regional climate model. <i>Meteorology and Atmospheric Physics</i> , 2016, 128, 639-648.	0.9	9

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127	Change in Relationship between the East Asian Winter Monsoon and the East Asian Jet Stream during the 1998â€“99 Regime Shift. <i>Journal of Climate</i> , 2019, 32, 6163-6175.	1.2	9
128	Suppressed CO <sub>2</sub> Outgassing by an Enhanced Biological Pump in the Eastern Tropical Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 7962-7973.	1.0	9
129	Characteristics of the North Pacific Oscillation in CMIP5 Models in Relation to Atmospheric Mean States. <i>Journal of Climate</i> , 2020, 33, 3809-3825.	1.2	9
130	Local versus non-local atmospheric weather noise and the North Pacific SST variability. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	8
131	Internal Atmospheric Variability and Interannual-to-Decadal ENSO Variability in a CGCM. <i>Journal of Climate</i> , 2009, 22, 2335-2355.	1.2	8
132	On the relationship between ENSO diversity and the ENSO atmospheric teleconnection to high latitudes. <i>International Journal of Climatology</i> , 2022, 42, 1303-1325.	1.5	8
133	Interbasin Interactions between the Pacific and Atlantic Oceans Depending on the Phase of Pacific Decadal Oscillation and Atlantic Multidecadal Oscillation. <i>Journal of Climate</i> , 2022, 35, 2883-2894.	1.2	8
134	Increased Indian Ocean-North Atlantic Ocean warming chain under greenhouse warming. <i>Nature Communications</i> , 2022, 13, .	5.8	8
135	Indian Ocean warming as key driver of long-term positive trend of Arctic Oscillation. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	8
136	Special issue â€œGrand celebration: 50th anniversary of the Korean meteorological societyâ€• Asia-Pacific <i>Journal of Atmospheric Sciences</i> , 2014, 50, 1-1.	1.3	7
137	Contributions of Asian pollution and SST forcings on precipitation change in the North Pacific. <i>Atmospheric Research</i> , 2017, 192, 30-37.	1.8	7
138	An Episodic Weakening in the Boreal Spring SSTâ€“Precipitation Relationship in the Western Tropical Pacific since the Late 1990s. <i>Journal of Climate</i> , 2019, 32, 3837-3845.	1.2	7
139	A Global/Regional Integrated Model Systemâ€“Chemistry Climate Model: 1. Simulation Characteristics. <i>Earth and Space Science</i> , 2019, 6, 2016-2030.	1.1	7
140	Understanding Intermodel Diversity When Simulating the Time of Emergence in CMIP5 Climate Models. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087923.	1.5	7
141	Distinct impacts of major El Niño events on Arctic temperatures due to differences in eastern tropical Pacific sea surface temperatures. <i>Science Advances</i> , 2022, 8, eabl8278.	4.7	7
142	Study on the changes in the East Asian precipitation in the mid-1990s using a high-resolution global downscaled atmospheric data set. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 2279-2293.	1.2	6
143	ENSO-Related Precipitation and Its Statistical Relationship with the Walker Circulation Trend in CMIP5 AMIP Models. <i>Atmosphere</i> , 2016, 7, 19.	1.0	6
144	Impact of Two Distinct Teleconnection Patterns Induced by Western Central Pacific SST Anomalies on Korean Temperature Variability during the Early Boreal Summer. <i>Journal of Climate</i> , 2016, 29, 743-759.	1.2	6

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145	Major Driver Leading to Winter SST Variability in the Kuroshio Recirculation Gyre Region and Its Decadal Changes: Refreshing Versus Spring-initiated Reemergence Processes. <i>Geophysical Research Letters</i> , 2019, 46, 272-280.	1.5	6
146	La Niña-related tropospheric column ozone enhancement over East Asia. <i>Atmospheric Environment</i> , 2021, 261, 118575.	1.9	6
147	Hemispheric Asymmetry in Future Wave Power Changes: Seasonality and Physical Mechanisms. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017687.	1.0	6
148	Recent weakening linkage between Arctic oscillation and Aleutian low during boreal winter and its impact on surface temperature over Eastern Eurasia. <i>Atmospheric Science Letters</i> , 2022, 23, .	0.8	6
149	Source of low frequency modulation of ENSO amplitude in a CGCM. <i>Climate Dynamics</i> , 2007, 29, 101-111.	1.7	5
150	Changes in the spatial structure of strong and moderate El Niño events under global warming. <i>International Journal of Climatology</i> , 2014, 34, 2834-2840.	1.5	5
151	Reduction of internal climate variability in surface temperature due to sea ice loss since the mid-21st century. <i>International Journal of Climatology</i> , 2017, 37, 5211-5216.	1.5	5
152	Inter-model diversity of Arctic amplification caused by global warming and its relationship with the Inter-tropical Convergence Zone in CMIP5 climate models. <i>Climate Dynamics</i> , 2017, 48, 3799-3811.	1.7	5
153	Impacts of Pacific SSTs on Atmospheric Circulations Leading to California Winter Precipitation Variability: A Diagnostic Modeling. <i>Atmosphere</i> , 2018, 9, 455.	1.0	5
154	Diversity of ENSO-Related Surface Temperature Response in Future Projection in CMIP6 Climate Models: Climate Change Scenario Versus ENSO Intensity. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	5
155	Roles of Atmosphere Thermodynamic and Ocean Dynamic Processes on the Upward Trend of Summer Marine Heatwaves Occurrence in East Asian Marginal Seas. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	5
156	Meteorological responses to Mt. Baekdu volcanic eruption over east asia in an offline global climate-chemistry model: A pilot study. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2011, 47, 345-351.	1.3	4
157	The decadal modulation of coupled bred vectors. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	4
158	Role of the ocean mixed layer processes in the response of the North Pacific winter SST and MLD to global warming in CGCMs. <i>Climate Dynamics</i> , 2012, 38, 1181-1190.	1.7	4
159	Origin of the Tsushima Warm Current in a high resolution ocean circulation model. <i>Journal of Coastal Research</i> , 2013, 165, 2041-2046.	0.1	4
160	Contributions of solar and greenhouse gases forcing during the present warm period. <i>Meteorology and Atmospheric Physics</i> , 2014, 126, 71-79.	0.9	4
161	Multi-model attribution of upper-ocean temperature changes using an isothermal approach. <i>Scientific Reports</i> , 2016, 6, 26926.	1.6	4
162	Underlying mechanisms leading to El Niño-to-La Niña transition are unchanged under global warming. <i>Climate Dynamics</i> , 2019, 52, 1723-1738.	1.7	4

#	ARTICLE	IF	CITATIONS
163	Relation between Climate Variability in Korea and Two Types of El Niño, and Their Sensitivity to Definition of Two Types of El Niño. <i>Atmosphere</i> , 2014, 24, 89-99.	0.3	4
164	Contrasting factors on the trends in hot days and warm nights over Northern Hemisphere land during summer. <i>Weather and Climate Extremes</i> , 2021, 34, 100389.	1.6	4
165	Statistical Seasonal Forecasting of Winter and Spring PM2.5 Concentrations Over the Korean Peninsula. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2022, 58, 549-561.	1.3	4
166	The characteristics of signal versus noise sst variability in the north pacific and the tropical pacific ocean. <i>Ocean Science Journal</i> , 2006, 41, 1-10.	0.6	3
167	The Low-Frequency Relationship of the Tropical "North Pacific Sea Surface Temperature Teleconnections. <i>Journal of Climate</i> , 2008, 21, 3416-3432.	1.2	3
168	Regional Arctic Amplification by a Fast Atmospheric Response to Anthropogenic Sulfate Aerosol Forcing in China. <i>Journal of Climate</i> , 2019, 32, 6337-6348.	1.2	3
169	Characteristics of internal variability on summer rainfall in Northeast Asia in a changing climate. <i>Climate Dynamics</i> , 2020, 54, 1179-1195.	1.7	3
170	Non-stationary characteristics of intraseasonal precipitation variability in Northeast Asia during the boreal summer. <i>International Journal of Climatology</i> , 2021, 41, 714-725.	1.5	3
171	Roles of insolation forcing and CO2 forcing on Late Pleistocene seasonal sea surface temperatures. <i>Nature Communications</i> , 2021, 12, 5742.	5.8	3
172	Analysis of Atmosphere-Ocean Interactions over South China Sea and its Relationship with Northeast Asian Precipitation Variability during Summer. <i>Atmosphere</i> , 2013, 23, 283-291.	0.3	3
173	General circulation and global heat transport in a quadrupling CO2 pulse experiment. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
174	Marginal changes in the linear relationship of ENSO-PDO in the CMIP5 RCP4.5 scenario. <i>International Journal of Climatology</i> , 2016, 36, 4667-4678.	1.5	2
175	Weather noise leading to El Niño diversity in an ocean general circulation model. <i>Climate Dynamics</i> , 2019, 52, 7235-7247.	1.7	2
176	The Lagged Effect of Anthropogenic Aerosol on East Asian Precipitation during the Summer Monsoon Season. <i>Atmosphere</i> , 2020, 11, 1356.	1.0	2
177	Dissimilar characteristics associated with the 1976/1977 and 1998/1999 climate regime shifts in the North Pacific. <i>Theoretical and Applied Climatology</i> , 2020, 142, 1463-1470.	1.3	2
178	Role of the eastern subtropical North Pacific Ocean on the El Niño's transition processes. <i>Climate Dynamics</i> , 2021, 56, 1285-1301.	1.7	2
179	Changes in the characteristics of North Pacific Jet as a Conduit for U. S. surface air temperature in boreal winter across the late 1990s. <i>Journal of Climate</i> , 2021, , 1-43.	1.2	2
180	Analysis on the Relationship between the Korean Temperature and the Atmospheric Circulation over the Northern Hemisphere during Winter. <i>Atmosphere</i> , 2012, 22, 187-197.	0.3	2

#	ARTICLE	IF	CITATIONS
181	Relationship Between Korean Monthly Temperature During Summer and Eurasian Snow Cover During Spring. <i>Atmosphere</i> , 2017, 27, 55-65.	0.3	2
182	Internal Climate Variability in the Present Climate and the Change in ENSO Amplitude in Future Climate Simulations. <i>Frontiers in Climate</i> , 0, 4, .	1.3	2
183	The role of air-sea interaction over the Indian Ocean in the in-phase transition from the Indian summer monsoon to the Australian boreal winter monsoon. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	1
184	The influences of interannual stratification variability and wind stress forcing on ENSO before and after the 1976 climate shift. <i>Theoretical and Applied Climatology</i> , 2012, 107, 623-631.	1.3	1
185	Simple Analysis on the Relationship Between Sea Salt Aerosols and Precipitation in the North Pacific Ocean Using the Global Chemical Transport Model Simulation. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2018, 54, 179-186.	1.3	1
186	Understanding Intermodel Diversity of CMIP5 Climate Models in Simulating East Asian Marginal Sea Surface Temperature in the Near Future (2020~2049). <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 5607-5617.	1.0	1
187	Surface temperature variability in climate models with large and small internal climate variability. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 3004-3016.	1.0	1
188	Impact of the Stratospheric Ozone on the Northern Hemisphere Surface Climate During Boreal Winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034958.	1.2	1
189	Human Contribution to the 2014 Record High Sea Surface Temperatures Over the Western Tropical And Northeast Pacific Ocean. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, S100-S104.	1.7	1
190	Effects of the El Niño on Tropospheric Ozone in a Simulation using a Climate-Chemistry Model. <i>Journal of the Korean Earth Science Society</i> , 2013, 34, 662-668.	0.0	1
191	Investigation of Change in Air-Sea CO <sub>2</sub> Exchange over the East China Sea using Biogeochemical Ocean Modeling. <i>Ocean and Polar Research</i> , 2008, 30, 325-334.	0.3	1
192	Remote impacts of 2009 and 2015 El Niño on oceanic and biological processes in a marginal sea of the Northwestern Pacific. <i>Scientific Reports</i> , 2022, 12, 741.	1.6	1
193	Atmosphere-driven cold SST biases over the western North Pacific in the GloSea5 seasonal forecast system. <i>Climate Dynamics</i> , 2022, 59, 2571-2584.	1.7	1
194	A New Chemistry-Climate Model GRIMs-CCM: Model Evaluation of Interactive Chemistry-Meteorology Simulations. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2022, 58, 647-666.	1.3	1
195	Winds shift El Niño flavour. <i>Nature Climate Change</i> , 2018, 8, 766-767.	8.1	0
196	Enhanced climate variability during the last millennium recorded in alkenone sea surface temperatures of the northwest Pacific margin. <i>Global and Planetary Change</i> , 2021, 204, 103558.	1.6	0
197	A Suggestion for Definition of El Niño/La Niña. <i>Atmosphere</i> , 2013, 23, 63-71.	0.3	0
198	A Comparison of Two Vertical-Mixing Schemes on the Simulation of the Mixed Layer Depth and Upper Ocean Temperature in an Ocean General Circulation Model. <i>Ocean and Polar Research</i> , 2013, 35, 249-258.	0.3	0