

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	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
2	Asymmetrical response of summer rainfall in East Asia to CO2 forcing. <i>Science Bulletin</i> , 2022, 67, 213-222.	4.3	16
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	Projections of faster onset and slower decay of El Niño in the 21st century. <i>Nature Communications</i> , 2022, 13, 1915.	5.8	22
11	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
12	Hysteresis of the intertropical convergence zone to CO2 forcing. <i>Nature Climate Change</i> , 2022, 12, 47-53.	8.1	32
13	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
14	Dynamics and characteristics of dry and moist heatwaves over East Asia. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	34
15	Future Southern Ocean warming linked to projected ENSO variability. <i>Nature Climate Change</i> , 2022, 12, 649-654.	8.1	23
16	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
17	Increased Indian Ocean-North Atlantic Ocean warming chain under greenhouse warming. <i>Nature Communications</i> , 2022, 13, .	5.8	8
18	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

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19	General circulation and global heat transport in a quadrupling CO ₂ pulse experiment. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
20	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
21	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
22	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
23	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
24	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
25	Statistical predictability of wintertime PM _{2.5} concentrations over East Asia using simple linear regression. <i>Science of the Total Environment</i> , 2021, 776, 146059.	3.9	25
26	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
27	Changing El Niño-Southern Oscillation in a warming climate. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 628-644.	12.2	197
28	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
29	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
30	Roles of insolation forcing and CO ₂ forcing on Late Pleistocene seasonal sea surface temperatures. <i>Nature Communications</i> , 2021, 12, 5742.	5.8	3
31	La Niña-related tropospheric column ozone enhancement over East Asia. <i>Atmospheric Environment</i> , 2021, 261, 118575.	1.9	6
32	Contrasting response of hydrological cycle over land and ocean to a changing CO ₂ pathway. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	16
33	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
34	Hemispheric Asymmetry in Future Wave Power Changes: Seasonality and Physical Mechanisms. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017687.	1.0	6
35	How Does Pacific Decadal Oscillation Affect Tropical Cyclone Activity Over Far East Asia?. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	12
36	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

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37	Change in strong Eastern Pacific El Niño events dynamics in the warming climate. <i>Climate Dynamics</i> , 2020, 54, 901-918.	1.7	19
38	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
39	Understanding Intermodel Diversity When Simulating the Time of Emergence in CMIP5 Climate Models. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087923.	1.5	7
40	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
41	The Lagged Effect of Anthropogenic Aerosol on East Asian Precipitation during the Summer Monsoon Season. <i>Atmosphere</i> , 2020, 11, 1356.	1.0	2
42	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
43	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
44	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
45	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
46	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
47	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
48	Change in Relationship between the East Asian Winter Monsoon and the East Asian Jet Stream during the 1998–99 Regime Shift. <i>Journal of Climate</i> , 2019, 32, 6163-6175.	1.2	9
49	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
50	Suppressed CO ₂ 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
51	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
52	An Episodic Weakening in the Boreal Spring SST–Precipitation Relationship in the Western Tropical Pacific since the Late 1990s. <i>Journal of Climate</i> , 2019, 32, 3837-3845.	1.2	7
53	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
54	Regulation of atmospheric circulation controlling the tropical Pacific precipitation change in response to CO ₂ increases. <i>Nature Communications</i> , 2019, 10, 1108.	5.8	28

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55	A Global/Regional Integrated Model System—Chemistry Climate Model: 1. Simulation Characteristics. <i>Earth and Space Science</i> , 2019, 6, 2016-2030.	1.1	7
56	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
57	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
58	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
59	Weather noise leading to El Niño diversity in an ocean general circulation model. <i>Climate Dynamics</i> , 2019, 52, 7235-7247.	1.7	2
60	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
61	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
62	ENSO Atmospheric Teleconnections and Their Response to Greenhouse Gas Forcing. <i>Reviews of Geophysics</i> , 2018, 56, 185-206.	9.0	330
63	On the Fragile Relationship Between El Niño and California Rainfall. <i>Geophysical Research Letters</i> , 2018, 45, 907-915.	1.5	56
64	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
65	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
66	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
67	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
68	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
69	Winds shift El Niño flavour. <i>Nature Climate Change</i> , 2018, 8, 766-767.	8.1	0
70	El Niño—Southern Oscillation complexity. <i>Nature</i> , 2018, 559, 535-545.	18.7	702
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	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
81	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
82	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
83	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
84	Relationship Between Korean Monthly Temperature During Summer and Eurasian Snow Cover During Spring. <i>Atmosphere</i> , 2017, 27, 55-65.	0.3	2
85	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
86	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
87	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
88	Inter-annual variability in CMIP5 models: Model deficiencies and future changes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 3894-3906.	1.2	13
89	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
90	Multi-model attribution of upper-ocean temperature changes using an isothermal approach. <i>Scientific Reports</i> , 2016, 6, 26926.	1.6	4

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91	Fourth CLIVAR Workshop on the Evaluation of ENSO Processes in Climate Models: ENSO in a Changing Climate. Bulletin of the American Meteorological Society, 2016, 97, 817-820.	1.7	20
92	Threshold of the volcanic forcing that leads the El Niño-like warming in the last millennium: results from the ERIK simulation. Climate Dynamics, 2016, 46, 3725-3736.	1.7	24
93	Evidence of the observed change in the atmosphere-ocean interactions over the South China Sea during summer in a regional climate model. Meteorology and Atmospheric Physics, 2016, 128, 639-648.	0.9	9
94	Seasonal variation of the upper ocean responding to surface heating in the North Pacific. Journal of Geophysical Research: Oceans, 2015, 120, 5631-5647.	1.0	18
95	Effect of anthropogenic sulphate aerosol in China on the drought in the western-to-central US. Scientific Reports, 2015, 5, 14305.	1.6	10
96	Covariability of western tropical Pacific-North Pacific atmospheric circulation during summer. Scientific Reports, 2015, 5, 16980.	1.6	15
97	Changes in the relationship in the SST variability between the tropical Pacific and the North Pacific across the 1998/1999 regime shift. Geophysical Research Letters, 2015, 42, 7171-7178.	1.5	42
98	Human Contribution to the 2014 Record High Sea Surface Temperatures Over the Western Tropical And Northeast Pacific Ocean. Bulletin of the American Meteorological Society, 2015, 96, S100-S104.	1.7	9
99	Understanding ENSO Diversity. Bulletin of the American Meteorological Society, 2015, 96, 921-938.	1.7	745
100	The effects of ENSO under negative AO phase on spring dust activity over northern China: an observational investigation. International Journal of Climatology, 2015, 35, 935-947.	1.5	21
101	ENSO and greenhouse warming. Nature Climate Change, 2015, 5, 849-859.	8.1	596
102	On the Relationship between the North Pacific Climate Variability and the Central Pacific El Niño. Journal of Climate, 2015, 28, 663-677.	1.2	92
103	Critical role of boreal summer North Pacific subtropical highs in ENSO transition. Climate Dynamics, 2015, 44, 1979-1992.	1.7	29
104	Human Contribution to the 2014 Record High Sea Surface Temperatures Over the Western Tropical And Northeast Pacific Ocean. Bulletin of the American Meteorological Society, 2015, 96, S100-S104.	1.7	1
105	Spring persistence, transition, and resurgence of El Niño. Geophysical Research Letters, 2014, 41, 8578-8585.	1.5	57
106	A Temporal Multiscale Analysis of the Waters off the East Coast of South Korea over the Past Four Decades. Terrestrial, Atmospheric and Oceanic Sciences, 2014, 25, 415.	0.3	14
107	Changes in the spatial structure of strong and moderate El Niño events under global warming. International Journal of Climatology, 2014, 34, 2834-2840.	1.5	5
108	Combined effect of El Niño-Southern Oscillation and Pacific Decadal Oscillation on the East Asian winter monsoon. Climate Dynamics, 2014, 42, 957-971.	1.7	131

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109	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
110	Special issue "Grand celebration: 50th anniversary of the Korean meteorological society". <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2014, 50, 1-1.	1.3	7
111	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
112	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
113	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
114	Climate Phenomena and their Relevance for Future Regional Climate Change. , 2014, , 1217-1308.		202
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	Favorable connections between seasonal footprinting mechanism and El Niño. <i>Climate Dynamics</i> , 2013, 40, 1169-1181.	1.7	42
123	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
124	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
125	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
126	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

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127	ENSO-Like and ENSO-Induced Tropical Pacific Decadal Variability in CGCMs. <i>Journal of Climate</i> , 2013, 26, 1485-1501.	1.2	34
128	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
129	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
130	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
131	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
132	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
133	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
134	A Suggestion for Definition of El Niño/La Niña. <i>Atmosphere</i> , 2013, 23, 63-71.	0.3	0
135	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
136	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
137	Decadal changes in the relationship between the tropical Pacific and the North Pacific. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	16
138	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
139	Revisited relationship between tropical and North Pacific sea surface temperature variations. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	22
140	Atmospheric impact on the northwestern Pacific under a global warming scenario. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	15
141	Statistical evidence for the natural variation of the central Pacific El Niño. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	17
142	Nonlinear impact of the Arctic Oscillation on extratropical surface air temperature. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	9
143	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
144	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

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145	The decadal modulation of coupled bred vectors. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	4
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	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
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