Jong-Seong Kug

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8258958/publications.pdf

Version: 2024-02-01

213 papers	13,444 citations	38742 50 h-index	24982 109 g-index
228 all docs	228 docs citations	228 times ranked	8101 citing authors

#	Article	IF	Citations
1	Asymmetrical response of summer rainfall in East Asia to CO2 forcing. Science Bulletin, 2022, 67, 213-222.	9.0	16
2	Impacts of ENSO on the seasonal transition from summer to winter in East Asia. Climate Dynamics, 2022, 58, 2593-2608.	3.8	1
3	Arctic warming-induced cold damage to East Asian terrestrial ecosystems. Communications Earth & Environment, 2022, 3, .	6.8	8
4	Antarctic meltwater-induced dynamical changes in phytoplankton in the Southern Ocean. Environmental Research Letters, 2022, 17, 024022.	5.2	1
5	Anthropogenic Contribution to the Record-Breaking Warm and Wet Winter 2019/20 over Northwest Russia. Bulletin of the American Meteorological Society, 2022, 103, S38-S43.	3.3	3
6	Process-based analysis of El NiÃ±o/Southern Oscillation decadal modulation. Journal of Climate, 2022, , 1-42.	3.2	0
7	Tropical origins of the record-breaking 2020 summer rainfall extremes in East Asia. Scientific Reports, 2022, 12, 5366.	3.3	3
8	Intensity changes of Indian Ocean dipole mode in a carbon dioxide removal scenario. Npj Climate and Atmospheric Science, 2022, 5, .	6.8	15
9	Hysteresis of the intertropical convergence zone to CO2 forcing. Nature Climate Change, 2022, 12, 47-53.	18.8	32
10	Spatiotemporal neural network with attention mechanism for El NiÃ±o forecasts. Scientific Reports, 2022, 12, 7204.	3.3	12
11	Global chlorophyll responses to marine heatwaves in satellite ocean color. Environmental Research Letters, 2022, 17, 064034.	5.2	19
12	Influence of the recent winter Arctic sea ice loss in short-term simulations of a regional atmospheric model. Scientific Reports, 2022, 12, .	3.3	4
13	Contrasting Hysteresis Behaviors of Northern Hemisphere Land Monsoon Precipitation to CO₂ Pathways. Earth's Future, 2022, 10, .	6.3	8
14	Distinctive impacts of atmospheric intraseasonal oscillations on the net ecosystem exchange of the southeastern China forest between spring and summer. Advances in Climate Change Research, 2022, , .	5.1	0
15	General circulation and global heat transport in a quadrupling CO2 pulse experiment. Scientific Reports, 2022, 12, .	3.3	3
16	Midâ€latitude leading doubleâ€dip La NiÃ±a. International Journal of Climatology, 2021, 41, E1353.	3.5	21
17	CMIP6 Model-Based Assessment of Anthropogenic Influence on the Long Sustained Western Cape Drought over 2015â€“19. Bulletin of the American Meteorological Society, 2021, 102, S45-S50.	3.3	13
18	The Double-Peaked El NiÃ±o and Its Physical Processes. Journal of Climate, 2021, 34, 1291-1303.	3.2	3

#	Article	IF	Citations
19	The Route to Spring Phytoplankton Blooms Simulated by a Lagrangian Plankton Model. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016753.	2.6	0
20	The influence of atmospheric intraseasonal oscillations on terrestrial biospheric CO2 fluxes in Southeast China Forest. Climate Dynamics, 2021, 57, 195-208.	3.8	1
21	Subseasonal relationship between Arctic and Eurasian surface air temperature. Scientific Reports, 2021, 11, 4081.	3.3	25
22	Role of the climatological intertropical convergence zone in the seasonal footprinting mechanism of the El NiÃ±o-Southern Oscillation. Journal of Climate, 2021, , 1-43.	3.2	3
23	Delayed Impact of Indian Ocean Warming on the East Asian Surface Temperature Variation in Boreal Summer. Journal of Climate, 2021, 34, 3255-3270.	3.2	9
24	Zonally asymmetric phytoplankton response to the Southern annular mode in the marginal sea of the Southern ocean. Scientific Reports, 2021, 11, 10266.	3.3	3
25	Tropical Indo-Pacific SST influences on vegetation variability in eastern Africa. Scientific Reports, 2021, 11, 10462.	3.3	7
26	Importance of Human-Induced Nitrogen Flux Increases for Simulated Arctic Warming. Journal of Climate, 2021, 34, 3799-3819.	3.2	3
27	Global Cooling Hiatus Driven by an AMOC Overshoot in a Carbon Dioxide Removal Scenario. Earth's Future, 2021, 9, e2021EF002165.	6.3	21
28	Record-breaking summer rainfall in South Korea in 2020: Synoptic characteristics and the role of large-scale circulations. Monthly Weather Review, 2021, , .	1.4	14
29	Role of cloud feedback in continental warming response to CO2 physiological forcing. Journal of Climate, 2021, , 1-49.	3.2	0
30	Changing El NiÃ±oâ€“Southern Oscillation in a warming climate. Nature Reviews Earth & Environment, 2021, 2, 628-644.	29.7	197
31	Decadal climate variability in the tropical Pacific: Characteristics, causes, predictability, and prospects. Science, 2021, 374, eaay9165.	12.6	92
32	Climate influence on the 2019 fires in Amazonia. Science of the Total Environment, 2021, 794, 148718.	8.0	14
33	Pacific Warming Pattern Diversity Modulated by Indoâ€Pacific Sea Surface Temperature Gradient. Geophysical Research Letters, 2021, 48, e2021GL095516.	4.0	5
34	Delayed Impacts of Arctic Seaâ€Ice Loss on Eurasian Severe Cold Winters. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035286.	3.3	4
35	Impacts of SST Pattern Represented by Ocean Temperature near Ieodo Ocean Research Station on Winter Climate Variation over the Korean Peninsula. Asia-Pacific Journal of Atmospheric Sciences, 2020, 56, 429-438.	2.3	2
36	The Role of Oscillating Southern Hemisphere Westerly Winds: Global Ocean Circulation. Journal of Climate, 2020, 33, 2111-2130.	3.2	2

#	Article	IF	Citations
37	Impact of Antarctic Meltwater Forcing on East Asian Climate Under Greenhouse Warming. Geophysical Research Letters, 2020, 47, e2020GL089951.	4.0	3
38	Diversity of North Pacific Meridional Mode and Its Distinct Impacts on El NiÃ±oâ€Southern Oscillation. Geophysical Research Letters, 2020, 47, e2020GL088993.	4.0	14
39	The intensification of Arctic warming as a result of CO2 physiological forcing. Nature Communications, 2020, 11, 2098.	12.8	26
40	The Impact of the 20â€“50-Day Atmospheric Intraseasonal Oscillation on the Gross Primary Productivity between the Yangtze and Yellow Rivers. Journal of Climate, 2020, 33, 2967-2984.	3.2	5
41	Extensive fires in southeastern Siberian permafrost linked to preceding Arctic Oscillation. Science Advances, 2020, 6, eaax3308.	10.3	62
42	Two Aspects of Decadal ENSO Variability Modulating the Longâ€Term Global Carbon Cycle. Geophysical Research Letters, 2020, 47, e2019GL086390.	4.0	10
43	Tropical Pacific Decadal Variability Induced by Nonlinear Rectification of El NiÃ±oâ€“Southern Oscillation. Journal of Climate, 2020, 33, 7289-7302.	3.2	11
44	Impacts of MJO on the Intraseasonal Temperature Variation in East Asia. Journal of Climate, 2020, 33, 8903-8916.	3.2	10
45	How does ENSO diversity limit the skill of tropical Pacific precipitation forecasts in dynamical seasonal predictions?. Climate Dynamics, 2019, 53, 5815-5831.	3.8	13
46	Role of the western hemisphere warm pool in climate variability over the western North Pacific. Climate Dynamics, 2019, 53, 2743-2755.	3.8	17
47	How well do current climate models simulate the linkage between Arctic warming and extratropical cold winters?. Climate Dynamics, 2019, 53, 4005-4018.	3.8	8
48	Pantropical climate interactions. Science, 2019, 363, .	12.6	419
49	Biogeophysical feedback of phytoplankton on Arctic climate. PartÂII: Arctic warming amplified by interactive chlorophyll under greenhouse warming. Climate Dynamics, 2019, 53, 3167-3180.	3.8	12
50	Role of Local Airâ€Sea Interaction in Fire Activity Over Equatorial Asia. Geophysical Research Letters, 2019, 46, 14789-14797.	4.0	7
51	Biogeophysical feedback of phytoplankton on the Arctic climate. PartÂI: Impact of nonlinear rectification of interactive chlorophyll variability in the present-day climate. Climate Dynamics, 2019, 52, 5383-5396.	3.8	11
52	Role of off-equatorial SST in El NiÃ±o teleconnection to East Asia during El NiÃ±o decaying spring. Climate Dynamics, 2019, 52, 7293-7308.	3.8	3
53	Characterization of Wildfireâ€Induced Aerosol Emissions From the Maritime Continent Peatland and Central African Dry Savannah with MISR and CALIPSO Aerosol Products. Journal of Geophysical Research D: Atmospheres, 2018, 123, 3116-3125.	3.3	16
54	ENSO Atmospheric Teleconnections and Their Response to Greenhouse Gas Forcing. Reviews of Geophysics, 2018, 56, 185-206.	23.0	330

#	Article	IF	Citations
55	Inverse relationship between present-day tropical precipitation and its sensitivity to greenhouse warming. Nature Climate Change, 2018, 8, 64-69.	18.8	16
56	Impact of chlorophyll bias on the tropical Pacific mean climate in an earth system model. Climate Dynamics, 2018, 51, 2681-2694.	3.8	16
57	Relative roles of equatorial central Pacific and western North Pacific precipitation anomalies in ENSO teleconnection over the North Pacific. Climate Dynamics, 2018, 51, 4345-4355.	3.8	24
58	Predicting El NiÃ±o Beyond 1-year Lead: Effect of the Western Hemisphere Warm Pool. Scientific Reports, 2018, 8, 14957.	3.3	41
59	What Controls ENSO Teleconnection to East Asia? Role of Western North Pacific Precipitation in ENSO Teleconnection to East Asia. Journal of Geophysical Research D: Atmospheres, 2018, 123, 10,406.	3.3	21
60	El NiÃ±oâ€“Southern Oscillation complexity. Nature, 2018, 559, 535-545.	27.8	702
61	Future Changes in Extreme El NiÃ±o Events Modulated by North Tropical Atlantic Variability. Geophysical Research Letters, 2018, 45, 6646-6653.	4.0	4
62	How well do climate models simulate atmospheric teleconnctions over the North Pacific and East Asia associated with ENSO?. Climate Dynamics, 2017, 48, 971-985.	3.8	23
63	Interannual variability of western North Pacific SST anomalies and its impact on North Pacific and North America. Climate Dynamics, 2017, 49, 3787-3798.	3.8	18
64	Tropical Atlantic-Korea teleconnection pattern during boreal summer season. Climate Dynamics, 2017, 49, 2649-2664.	3.8	23
65	The status and prospect of seasonal climate prediction of climate over Korea and East Asia: A review. Asia-Pacific Journal of Atmospheric Sciences, 2017, 53, 149-173.	2.3	16
66	The weakening of the ENSOâ€“Indian Ocean Dipole (IOD) coupling strength in recent decades. Climate Dynamics, 2017, 49, 249-261.	3.8	44
67	Winter temperatures over the Korean Peninsula and East Asia: development of a new index and its application to seasonal forecast. Climate Dynamics, 2017, 49, 1567-1581.	3.8	5
68	Intensification of terrestrial carbon cycle related to El Ninìƒoâ€“Southern Oscillation under greenhouse warming. Nature Communications, 2017, 8, 1674.	12.8	33
69	Reduced North American terrestrial primary productivity linked to anomalous Arctic warming. Nature Geoscience, 2017, 10, 572-576.	12.9	54
70	Inter-model diversity of Arctic amplification caused by global warming and its relationship with the Inter-tropical Convergence Zone in CMIP5 climate models. Climate Dynamics, 2017, 48, 3799-3811.	3.8	5
71	Impact of Two Distinct Teleconnection Patterns Induced by Western Central Pacific SST Anomalies on Korean Temperature Variability during the Early Boreal Summer. Journal of Climate, 2016, 29, 743-759.	3.2	6
72	MJO Propagation across the Maritime Continent in the ECMWF Ensemble Prediction System. Journal of Climate, 2016, 29, 3973-3988.	3.2	62

#	Article	IF	Citations
73	Increased Atmospheric CO2 Growth Rate during El NiÃ±o Driven by Reduced Terrestrial Productivity in the CMIP5 ESMs. Journal of Climate, 2016, 29, 8783-8805.	3.2	40
74	ENSO amplitude changes due to greenhouse warming in CMIP5: Role of mean tropical precipitation in the twentieth century. Geophysical Research Letters, 2016, 43, 422-430.	4.0	39
75	Unraveling El NiÃ±o's impact on the East Asian Monsoon and Yangtze River summer flooding. Geophysical Research Letters, 2016, 43, 11,375.	4.0	125
76	Present-day constraint for tropical Pacific precipitation changes due to global warming in CMIP5 models. Asia-Pacific Journal of Atmospheric Sciences, 2016, 52, 459-466.	2.3	7
77	Sensitivity of Arctic warming to sea ice concentration. Journal of Geophysical Research D: Atmospheres, 2016, 121, 6927-6942.	3.3	13
78	Threshold of the volcanic forcing that leads the El NiÃ±o-like warming in the last millennium: results from the ERIK simulation. Climate Dynamics, 2016, 46, 3725-3736.	3.8	24
79	Inter-model diversity in jet stream changes and its relation to Arctic climate in CMIP5. Climate Dynamics, 2016, 47, 235-248.	3.8	25
80	Precipitation variability in September over the Korean Peninsula during ENSO developing phase. Climate Dynamics, 2016, 46, 3419-3430.	3.8	24
81	Assessment of Climate Variability over East Asia-Korea for 2015/16 Winter. Atmosphere, 2016, 26, 337-345.	0.3	6
82	Migration of atmospheric convection coupled with ocean currents pushes El NiÃ±o to extremes. Geophysical Research Letters, 2015, 42, 3583-3590.	4.0	11
83	Asymmetric impact of Atlantic Multidecadal Oscillation on El NiÃ±o and La NiÃ±a characteristics. Geophysical Research Letters, 2015, 42, 4998-5004.	4.0	13
84	Midtropospheric frontogenesis associated with antecedent indirect precipitation ahead of tropical cyclones over the Korean Peninsula. Tellus, Series A: Dynamic Meteorology and Oceanography, 2015, 67, 27476.	1.7	1
85	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.	3.3	9
86	Temperature Variation over East Asia during the Lifecycle of Weak Stratospheric Polar Vortex. Journal of Climate, 2015, 28, 5857-5872.	3.2	28
87	Improvement of ENSO Simulation Based on Intermodel Diversity. Journal of Climate, 2015, 28, 998-1015.	3.2	56
88	Changes in weather and climate extremes over Korea and possible causes: A review. Asia-Pacific Journal of Atmospheric Sciences, 2015, 51, 103-121.	2.3	82
89	Amplified Arctic warming by phytoplankton under greenhouse warming. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5921-5926.	7.1	63
90	Pacific Decadal Oscillation and its relation to the extratropical atmospheric variation in CMIP5. Climate Dynamics, 2015, 44, 1521-1540.	3.8	28

#	Article	IF	Citations
91	Role of north tropical atlantic SST on the ENSO simulated using CMIP3 and CMIP5 models. Climate Dynamics, 2015, 45, 3103-3117.	3.8	54
92	Intra-winter atmospheric circulation changes over East Asia and North Pacific associated with ENSO in a seasonal prediction model. Asia-Pacific Journal of Atmospheric Sciences, 2015, 51, 49-60.	2.3	11
93	Connection between weak stratospheric vortex events and the Pacific Decadal Oscillation. Climate Dynamics, 2015, 45, 3481-3492.	3.8	53
94	Changes in Independency between Two Types of El NiÃ±o Events under a Greenhouse Warming Scenario in CMIP5 Models. Journal of Climate, 2015, 28, 7561-7575.	3.2	3
95	ENSO and greenhouse warming. Nature Climate Change, 2015, 5, 849-859.	18.8	596
96	Two distinct influences of Arctic warming on cold winters over North America and East Asia. Nature Geoscience, 2015, 8, 759-762.	12.9	433
97	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.	3.3	1
98	Effects of Pacific Intertropical Convergence Zone precipitation bias on ENSO phase transition. Environmental Research Letters, 2014, 9, 064008.	5.2	20
99	Intensified Arctic warming under greenhouse warming by vegetationâ€“atmosphereâ€“sea ice interaction. Environmental Research Letters, 2014, 9, 094007.	5.2	27
100	Future Change of Northern Hemisphere Summer Tropicalâ€“Extratropical Teleconnection in CMIP5 Models*. Journal of Climate, 2014, 27, 3643-3664.	3.2	43
101	Propagating versus Nonpropagating Maddenâ€“Julian Oscillation Events. Journal of Climate, 2014, 27, 111-125.	3.2	194
102	An exploratory modeling study on bio-physical processes associated with ENSO. Progress in Oceanography, 2014, 124, 28-41.	3.2	29
103	Marine biological feedback associated with Indian Ocean Dipole in a coupled ocean/biogeochemical model. Climate Dynamics, 2014, 42, 329-343.	3.8	22
104	Winter precipitation variability over Korean Peninsula associated with ENSO. Climate Dynamics, 2014, 42, 3171-3186.	3.8	58
105	Antecedent mid-tropospheric frontogenesis caused by the interaction between a tropical cyclone and midlatitude trough: a case study of Typhoon Rusa (2002). Theoretical and Applied Climatology, 2014, 118, 9-24.	2.8	4
106	Recent progress on two types of El NiÃ±o: Observations, dynamics, and future changes. Asia-Pacific Journal of Atmospheric Sciences, 2014, 50, 69-81.	2.3	124
107	ENSO phase-locking to the boreal winter in CMIP3 and CMIP5 models. Climate Dynamics, 2014, 43, 305-318.	3.8	36
108	Impact of bio-physical feedbacks on the tropical climate in coupled and uncoupled GCMs. Climate Dynamics, 2014, 43, 1811-1827.	3.8	24

#	Article	IF	Citations
109	Role of tropical atlantic SST variability as a modulator of El NiÃ±o teleconnections. Asia-Pacific Journal of Atmospheric Sciences, 2014, 50, 247-261.	2.3	21
110	Eddy-Induced Growth Rate of Low-Frequency Variability and Its Mid- to Late Winter Suppression in the Northern Hemisphere. Journals of the Atmospheric Sciences, 2014, 71, 2281-2298.	1.7	19
111	Ocean chlorophyll response to two types of El NiÃ±o events in an oceanâ€biogeochemical coupled model. Journal of Geophysical Research: Oceans, 2014, 119, 933-952.	2.6	20
112	Relation between Climate Variability in Korea and Two Types of El NiÃ±o, and Their Sensitivity to Definition of Two Types of El NiÃ±o. Atmosphere, 2014, 24, 89-99.	0.3	4
113	Favorable versus unfavorable synoptic backgrounds for indirect precipitation events ahead of tropical cyclones approaching the Korean Peninsula: A comparison of two cases. Asia-Pacific Journal of Atmospheric Sciences, 2013, 49, 333-346.	2.3	10
114	Impact of urbanization on recent temperature and precipitation trends in the Korean peninsula. Asia-Pacific Journal of Atmospheric Sciences, 2013, 49, 151-159.	2.3	48
115	Simulation of two types of El NiÃ±o from different convective parameters. Asia-Pacific Journal of Atmospheric Sciences, 2013, 49, 193-199.	2.3	12
116	Ocean mixed layer processes in the Pacific Decadal Oscillation in coupled general circulation models. Climate Dynamics, 2013, 41, 1407-1417.	3.8	9
117	Favorable connections between seasonal footprinting mechanism and El NiÃ±o. Climate Dynamics, 2013, 40, 1169-1181.	3.8	42
118	What controls phase-locking of ENSO to boreal winter in coupled GCMs?. Climate Dynamics, 2013, 40, 1551-1568.	3.8	34
119	Importance of mean state in simulating different types of El NiÃ±o revealed by SNU coupled GCMs. Progress in Oceanography, 2013, 116, 130-141.	3.2	2
120	The role of mineral-dust aerosols in polar temperature amplification. Nature Climate Change, 2013, 3, 487-491.	18.8	70
121	Sea surface temperature in the north tropical Atlantic as a trigger for El NiÃ±o/Southern Oscillation events. Nature Geoscience, 2013, 6, 112-116.	12.9	421
122	An alterative effect by the tropical North Atlantic SST in intraseasonally varying El NiÃ±o teleconnection over the North Atlantic. Tellus, Series A: Dynamic Meteorology and Oceanography, 2013, 65, 19863.	1.7	15
123	Two distinct roles of Atlantic SSTs in ENSO variability: North Tropical Atlantic SST and Atlantic NiÃ±o. Geophysical Research Letters, 2013, 40, 4012-4017.	4.0	143
124	A Suggestion for Definition of El NiÃ±o/La NiÃ±a. Atmosphere, 2013, 23, 63-71.	0.3	0
125	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. Ocean and Polar Research, 2013, 35, 249-258.	0.3	0
126	Rectification Feedback of High-Frequency Atmospheric Variability into Low-Frequency Zonal Flows in the Tropical Pacific. Journal of Climate, 2012, 25, 5088-5101.	3.2	1

#	Article	IF	Citations
127	Indian Ocean Feedback to the ENSO Transition in a Multimodel Ensemble. Journal of Climate, 2012, 25, 6942-6957.	3.2	14
128	Improvement in simulation of Eurasian winter climate variability with a realistic Arctic sea ice condition in an atmospheric GCM. Environmental Research Letters, 2012, 7, 044041.	5.2	8
129	Improved simulation of two types of El NiÃ±o in CMIP5 models. Environmental Research Letters, 2012, 7, 034002.	5.2	60
130	Uncertainty in the ENSO amplitude change from the past to the future. Geophysical Research Letters, 2012, 39, .	4.0	64
131	Revisited relationship between tropical and North Pacific sea surface temperature variations. Geophysical Research Letters, 2012, 39, .	4.0	22
132	Nonlinear impact of the Arctic Oscillation on extratropical surface air temperature. Journal of Geophysical Research, 2012, 117, .	3.3	9
133	Impact of strong El NiÃ±o events (1997/98 and 2009/10) on sinking particle fluxes in the 10Â°N thermocline ridge area of the northeastern equatorial Pacific. Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 67, 111-120.	1.4	15
134	Coupled bred vectors in the tropical Pacific and their application to ENSO prediction. Progress in Oceanography, 2012, 105, 90-101.	3.2	5
135	Understanding the responses of sea surface temperature to the two different types of El NiÃ±o in the western North Pacific. Progress in Oceanography, 2012, 105, 81-89.	3.2	11
136	Dependency of typhoon intensity and genesis locations on El NiÃ±o phase and SST shift over the western North Pacific. Theoretical and Applied Climatology, 2012, 109, 383-395.	2.8	24
137	Greening in the circumpolar high-latitude may amplify warming in the growing season. Climate Dynamics, 2012, 38, 1421-1431.	3.8	31
138	How well do current climate models simulate two types of El Nino?. Climate Dynamics, 2012, 39, 383-398.	3.8	155
139	El-Nino Southern Oscillation simulated and predicted in SNU coupled GCMs. Climate Dynamics, 2012, 38, 2227-2242.	3.8	8
140	Eastward shift of the Pacific/North American pattern on an interdecadal time scale and an associated synoptic eddy feedback. International Journal of Climatology, 2012, 32, 1128-1134.	3.5	14
141	Relationship between Interannual Variability of Phytoplankton and Tropical Cyclones in the Western North Pacific. Ocean and Polar Research, 2012, 34, 29-35.	0.3	1
142	Natural variability of the central Pacific El NiÃ±o event on multi-centennial timescales. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	101
143	Empirical singular vector method for ensemble El NiÃ±oâ€“Southern Oscillation prediction with a coupled general circulation model. Journal of Geophysical Research, 2011, 116, .	3.3	6
144	Browning in desert boundaries in Asia in recent decades. Journal of Geophysical Research, 2011, 116, .	3.3	45

#	Article	IF	Citations
145	A linkage between the North Atlantic Oscillation and its downstream development due to the existence of a blocking ridge. Journal of Geophysical Research, 2011, 116, .	3.3	22
146	Are there two types of La Nina?. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	120
147	The unique 2009â€“2010 El NiÃ±o event: A fast phase transition of warm pool El NiÃ±o to La NiÃ±a. Geophysical Research Letters, 2011, 38, .	4.0	93
148	The central Pacific as the export region of the El NiÃ±o-Southern Oscillation sea surface temperature anomaly to Antarctic sea ice. Journal of Geophysical Research, 2011, 116, .	3.3	22
149	Recent recovery of the Siberian High intensity. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	100
150	Variability of chlorophyll associated with El NiÃ±oâ€“Southern Oscillation and its possible biological feedback in the equatorial Pacific. Journal of Geophysical Research, 2011, 116, .	3.3	41
151	El NiÃ±o-Southern Oscillation sensitivity to cumulus entrainment in a coupled general circulation model. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	44
152	Impact of transient eddies on extratropical seasonal-mean predictability in DEMETER models. Climate Dynamics, 2011, 37, 509-519.	3.8	18
153	The role of mean state on changes in El NiÃ±oâ€™s flavor. Climate Dynamics, 2011, 37, 1205-1215.	3.8	103
154	Transformed eddy-PV flux and positive synoptic eddy feedback onto low-frequency flow. Climate Dynamics, 2011, 36, 2357-2370.	3.8	21
155	ENSO nonlinearity in a warming climate. Climate Dynamics, 2011, 37, 2045-2065.	3.8	19
156	A possible mechanism for El NiÃ±oâ€like warming in response to the future greenhouse warming. International Journal of Climatology, 2011, 31, 1567-1572.	3.5	8
157	Impact of diurnal atmosphereâ€“ocean coupling on tropical climate simulations using a coupled GCM. Climate Dynamics, 2010, 34, 905-917.	3.8	44
158	A general rule for synoptic-eddy feedback onto low-frequency flow. Climate Dynamics, 2010, 35, 1011-1026.	3.8	48
159	New approach for optimal perturbation method in ensemble climate prediction with empirical singular vector. Climate Dynamics, 2010, 35, 331-340.	3.8	23
160	How are seasonal prediction skills related to modelsâ€™ performance on mean state and annual cycle?. Climate Dynamics, 2010, 35, 267-283.	3.8	131
161	Changes in El NiÃ±o and La NiÃ±a teleconnections over North Pacificâ€“America in the global warming simulations. Theoretical and Applied Climatology, 2010, 100, 275-282.	2.8	76
162	Statistical relationship between two types of El NiÃ±o events and climate variation over the Korean Peninsula. Asia-Pacific Journal of Atmospheric Sciences, 2010, 46, 467-474.	2.3	48

#	Article	IF	Citations
163	Causes of the El NiÃ±o and La NiÃ±a Amplitude Asymmetry in the Equatorial Eastern Pacific. Journal of Climate, 2010, 23, 605-617.	3.2	122
164	Warm Pool and Cold Tongue El NiÃ±o Events as Simulated by the GFDL 2.1 Coupled GCM. Journal of Climate, 2010, 23, 1226-1239.	3.2	189
165	The Inverse Effect of Annual-Mean State and Annual-Cycle Changes on ENSO. Journal of Climate, 2010, 23, 1095-1110.	3.2	28
166	Scale interaction between tropical instability waves and lowâ€frequency oceanic flows. Geophysical Research Letters, 2010, 37, .	4.0	6
167	Influence of the East Asian winter monsoon on the storm track activity over the North Pacific. Journal of Geophysical Research, 2010, 115, .	3.3	29
168	Precursors of the El NiÃ±o/La NiÃ±a onset and their interrelationship. Journal of Geophysical Research, 2010, 115, .	3.3	21
169	Phase asymmetric downstream development of the North Atlantic Oscillation and its impact on the East Asian winter monsoon. Journal of Geophysical Research, 2010, 115, .	3.3	31
170	Role of synoptic eddies on lowâ€frequency precipitation variation. Journal of Geophysical Research, 2010, 115, .	3.3	9
171	Role of synoptic eddy feedback on polar climate responses to the anthropogenic forcing. Geophysical Research Letters, 2010, 37, .	4.0	26
172	Mechanism for northward propagation of boreal summer intraseasonal oscillation: Convective momentum transport. Geophysical Research Letters, 2010, 37, .	4.0	46
173	Global warming shifts Pacific tropical cyclone location. Geophysical Research Letters, 2010, 37, .	4.0	77
174	Arctic Oscillation responses to greenhouse warming and role of synoptic eddy feedback. Journal of Geophysical Research, 2010, 115, .	3.3	19
175	Shortâ€term variation of Eurasian pattern and its relation to winter weather over East Asia. International Journal of Climatology, 2009, 29, 771-775.	3.5	27
176	Impact of El NiÃ±o onset timing on the Indian Ocean: Pacific coupling and subsequent El NiÃ±o evolution. Theoretical and Applied Climatology, 2009, 97, 17-27.	2.8	15
177	Simulation of state-dependent high-frequency atmospheric variability associated with ENSO. Climate Dynamics, 2009, 32, 635-648.	3.8	24
178	Advance and prospectus of seasonal prediction: assessment of the APCC/CliPAS 14-model ensemble retrospective seasonal prediction (1980â€“2004). Climate Dynamics, 2009, 33, 93-117.	3.8	347
179	Effects of the low-frequency zonal wind variation on the high frequency atmospheric variability over the tropics. Climate Dynamics, 2009, 33, 495-507.	3.8	30
180	Optimal initial perturbations for El Nino ensemble prediction with ensemble Kalman filter. Climate Dynamics, 2009, 33, 959-973.	3.8	12

#	Article	IF	Citations
181	El NiÃ±o in a changing climate. Nature, 2009, 461, 511-514.	27.8	1,325
182	Two Types of El NiÃ±o Events: Cold Tongue El NiÃ±o and Warm Pool El NiÃ±o. Journal of Climate, 2009, 22, 1499-1515.	3.2	1,137
183	Impact of Indian Ocean Dipole on high-frequency atmospheric variability over the Indian Ocean. Atmospheric Research, 2009, 94, 134-139.	4.1	15
184	A kinematic mechanism for positive feedback between synoptic eddies and NAO. Geophysical Research Letters, 2009, 36, .	4.0	49
185	Leftâ€hand rule for synoptic eddy feedback on lowâ€frequency flow. Geophysical Research Letters, 2009, 36, .	4.0	75
186	Seasonal climate predictability with Tier-one and Tier-two prediction systems. Climate Dynamics, 2008, 31, 403-416.	3.8	81
187	How accurately do coupled climate models predict the leading modes of Asian-Australian monsoon interannual variability?. Climate Dynamics, 2008, 30, 605-619.	3.8	129
188	Tropical Pacific impacts of convective momentum transport in the SNU coupled GCM. Climate Dynamics, 2008, 31, 213-226.	3.8	70
189	Current status of ENSO prediction skill in coupled oceanâ€“atmosphere models. Climate Dynamics, 2008, 31, 647-664.	3.8	399
190	Stateâ€dependent atmospheric noise associated with ENSO. Geophysical Research Letters, 2008, 35, .	4.0	52
191	Asymmetry of the Indian Ocean Dipole. Part I: Observational Analysis. Journal of Climate, 2008, 21, 4834-4848.	3.2	103
192	Successive Modulation of ENSO to the Future Greenhouse Warming. Journal of Climate, 2008, 21, 3-21.	3.2	72
193	Systematic Error Correction of Dynamical Seasonal Prediction of Sea Surface Temperature Using a Stepwise Pattern Project Method. Monthly Weather Review, 2008, 136, 3501-3512.	1.4	34
194	The Influence of ENSO on the Generation of Decadal Variability in the North Pacific*. Journal of Climate, 2007, 20, 667-680.	3.2	39
195	Global Sea Surface Temperature Prediction Using a Multimodel Ensemble. Monthly Weather Review, 2007, 135, 3239-3247.	1.4	32
196	Role of moist energy advection in formulating anomalous Walker Circulation associated with El NiÃ±o. Journal of Geophysical Research, 2007, 112, .	3.3	33
197	Role of the ENSOâ€“Indian Ocean coupling on ENSO variability in a coupled GCM. Geophysical Research Letters, 2006, 33, .	4.0	112
198	A possible impact of the North Atlantic Oscillation on the east Asian summer monsoon precipitation. Geophysical Research Letters, 2006, 33, .	4.0	121

#	Article	IF	Citations
199	Interactive Feedback between ENSO and the Indian Ocean in an Interactive Ensemble Coupled Model. Journal of Climate, 2006, 19, 6371-6381.	3.2	51
200	Interactive Feedback between ENSO and the Indian Ocean. Journal of Climate, 2006, 19, 1784-1801.	3.2	273
201	Western Pacific SST Prediction with an Intermediate El NiÃ±o Prediction Model. Monthly Weather Review, 2005, 133, 1343-1352.	1.4	7
202	El NiÃ±oâ€“La NiÃ±a Asymmetry in the Coupled Model Intercomparison Project Simulations*. Journal of Climate, 2005, 18, 2617-2627.	3.2	84
203	Preconditions for El NiÃ±o and La NiÃ±a onsets and their relation to the Indian Ocean. Geophysical Research Letters, 2005, 32, .	4.0	57
204	Decadal change in relationship between east Asian and WNP summer monsoons. Geophysical Research Letters, 2005, 32, .	4.0	138
205	A statistical approach to Indian Ocean sea surface temperature prediction using a dynamical ENSO prediction. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	53
206	A Near-Annual Pacific Ocean Basin Mode. Journal of Climate, 2004, 17, 2478-2488.	3.2	26
207	A near-annual coupled ocean-atmosphere mode in the equatorial Pacific ocean. Geophysical Research Letters, 2003, 30, .	4.0	32
208	Symmetric and antisymmetric mass exchanges between the equatorial and off-equatorial Pacific associated with ENSO. Journal of Geophysical Research, 2003, 108, .	3.3	52
209	El NiÃ±o and La NiÃ±a sea surface temperature anomalies: Asymmetry characteristics associated with their wind stress anomalies. Journal of Geophysical Research, 2002, 107, ACL 1-1.	3.3	160
210	The impacts of the model assimilated wind stress data in the initialization of an intermediate ocean and the ENSO predictability. Geophysical Research Letters, 2001, 28, 3713-3716.	4.0	11
211	An El-Nino Prediction System using an intermediate ocean and a statistical atmosphere. Geophysical Research Letters, 2000, 27, 1167-1170.	4.0	45
212	Distinct magnitude asymmetries of daily extreme anomalies in gross primary productivity between forests and non-forests. Climate Dynamics, 0, , 1.	3.8	0
213	Three distinct convective footprints over the Indo-western Pacific that affect high temperature extreme events in Korea during boreal autumn. Climate Dynamics, 0, , 1.	3.8	0