Kyung-Ja Ha

List of Publications by Year
in descending order

184 papers	4,757 citations	125106 35 h-index	169272 56 g-index
201 all docs	201 docs citations	201 times ranked	4328 citing authors

#	Article	IF	Citations
1	Radiative and turbulent fluxes in the nocturnal boundary layer. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 55, 317.	0.8	20
2	Erratic Asian summer monsoon 2020: COVID-19 lockdown initiatives possible cause for these episodes?. Climate Dynamics, 2022, 59, 1339-1352.	1.7	17
3	Preface to the Special Issue: Climate Change and Variability of Tropical Cyclone Activity. Advances in Atmospheric Sciences, 2022, 39, 203-204.	1.9	0
4	Physical Processes in Sea Fog Formation and Characteristics of Turbulent Air-Sea Fluxes at Socheongcho Ocean Research Station in the Yellow Sea. Frontiers in Marine Science, 2022, 9, .	1.2	3
5	Local meridional circulation changes contribute to a projected slowdown of the Indian Ocean Walker circulation. Npj Climate and Atmospheric Science, 2022, 5, .	2.6	4
6	Antarctic sea-ice expansion and Southern Ocean cooling linked to tropical variability. Nature Climate Change, 2022, 12, 461-468.	8.1	15
7	Use of Weather Factors in Clothing Studies in Korea and its Implications: a Review. Asia-Pacific Journal of Atmospheric Sciences, 2022, 58, 729-741.	1.3	7
8	Record-Breaking Slow Temperature Evolution of Spring Water During 2020 and Its Impacts on Spring Bloom in the Yellow Sea. Frontiers in Marine Science, 2022, 9, .	1.2	6
9	Dynamics and characteristics of dry and moist heatwaves over East Asia. Npj Climate and Atmospheric Science, 2022, 5, .	2.6	34
10	Examination of aerosol impacts on convective clouds and precipitation in two metropolitan areas in East Asia; how varying depths of convective clouds between the areas diversify those aerosol effects?. Atmospheric Chemistry and Physics, 2022, 22, 9059-9081.	1.9	0
11	Monsoons Climate Change Assessment. Bulletin of the American Meteorological Society, 2021, 102, E1-E19.	1.7	133
12	Interannual and decadal covariabilities in East Asian and Western North Pacific summer rainfall for 1979â€“2016. Climate Dynamics, 2021, 56, 1017-1033.	1.7	8
13	Multifaceted Intraseasonal Modes in the East Asian-Western North Pacific Summer Monsoon Climate. World Scientific Series on Asia-Pacific Weather and Climate, 2021, , 37-47.	0.2	1
14	Coldâ€Season Arctic Amplification Driven by Arctic Oceanâ€Mediated Seasonal Energy Transfer. Earth's Future, 2021, 9, e2020EF001898.	2.4	30
15	The Multiscale Global Monsoon System. World Scientific Series on Asia-Pacific Weather and Climate, 2021, , .	0.2	6
16	The effect of anomalous weather on the seasonal clothing market in <scp>N</scp>ew <scp>Y</scp>ork. Meteorological Applications, 2021, 28, e1982.	0.9	6
17	Abnormal Activities of Tropical Cyclones in 2019 Over the Korean Peninsula. Geophysical Research Letters, 2021, 48, e2020GL090784.	1.5	2
18	Nonlinear Forced Change and Nonergodicity: The Case of ENSO-Indian Monsoon and Global Precipitation Teleconnections. Frontiers in Earth Science, 2021, 8, .	0.8	7

#	Article	IF	Citations
19	Feedback attribution to dry heatwaves over East Asia. Environmental Research Letters, 2021, 16, 064003.	2.2	21
20	New Drought Projections Over East Asia Using Evapotranspiration Deficits From the CMIP6 Warming Scenarios. Earth's Future, 2021, 9, e2020EF001697.	2.4	13
21	Synoptic conditions controlling the seasonal onset and days of heatwaves over Korea. Climate Dynamics, 2021, 57, 3045-3053.	1.7	8
22	Projected response of global runoff to El NiÃ±o-Southern oscillation. Environmental Research Letters, 2021, 16, 084037.	2.2	11
23	Editorial: The Asian Monsoon. Frontiers in Earth Science, 2021, 9, .	0.8	1
24	Two Types of Diurnal Variations in Heavy Rainfall during July over Korea. Advances in Atmospheric Sciences, 2021, 38, 2201-2211.	1.9	5
25	Midlatitude mixed-phase stratocumulus clouds and their interactions with aerosols: how ice processes affect microphysical, dynamic, and thermodynamic development in those clouds and interactions?. Atmospheric Chemistry and Physics, 2021, 21, 16843-16868.	1.9	3
26	Increasing Causal Effects of El NiÃ±oâ€“Southern Oscillation on the Future Carbon Cycle of Terrestrial Ecosystems. Geophysical Research Letters, 2021, 48, .	1.5	5
27	Distinguishing changes in the Hadley circulation edge. Theoretical and Applied Climatology, 2020, 139, 1007-1017.	1.3	2
28	Role of the Surface Boundary Conditions in Boreal Spring on the Interannual Variability of the Multistage Evolution of the East Asian Summer Monsoon. Journal of Climate, 2020, 33, 1845-1861.	1.2	4
29	Impact of the Indo-Pacific Warm Pool on the Hadley, Walker, and Monsoon Circulations. Atmosphere, 2020, 11, 1030.	1.0	14
30	Future changes in monsoon duration and precipitation using CMIP6. Npj Climate and Atmospheric Science, 2020, 3, .	2.6	57
31	The Indian Ocean Dipole and its Impact on East African Short Rains in Two CMIP5 Historical Scenarios With and Without Anthropogenic Influence. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033121.	1.2	9
32	What Caused the Extraordinarily Hot 2018 Summer in Korea?. Journal of the Meteorological Society of Japan, 2020, 98, 153-167.	0.7	16
33	An Artificial Intelligence Approach to Prediction of Corn Yields under Extreme Weather Conditions Using Satellite and Meteorological Data. Applied Sciences (Switzerland), 2020, 10, 3785.	1.3	18
34	Future Changes of Summer Monsoon Characteristics and Evaporative Demand Over Asia in CMIP6 Simulations. Geophysical Research Letters, 2020, 47, e2020GL087492.	1.5	85
35	Cases for the sole effect of the Indian Ocean Dipole in the rapid phase transition of the El NiÃ±oâ€“Southern Oscillation. Theoretical and Applied Climatology, 2020, 141, 999-1007.	1.3	9
36	Major factors of global and regional monsoon rainfall changes: natural versus anthropogenic forcing. Environmental Research Letters, 2020, 15, 034055.	2.2	20

#	Article	IF	Citations
37	Causal effects of Indian Ocean Dipole on El NiÃ±oâ€“Southern Oscillation during 1950â€“2014 based on high-resolution models and reanalysis data. Environmental Research Letters, 2020, 15, 1040b6.	2.2	24
38	A Deep Neural Network Approach to Prediction of Rice Yields in China. Journal of Climate Research, 2020, 15, 35-47.	0.1	0
39	Fidelity of CMIP5-simulated teleconnection between Atlantic multidecadal oscillation and Indian summer monsoon rainfall. Climate Dynamics, 2019, 52, 4157-4176.	1.7	30
40	Underlying mechanisms leading to El NiÃ±o-to-La NiÃ±a transition are unchanged under global warming. Climate Dynamics, 2019, 52, 1723-1738.	1.7	4
41	Early Indian Summer Monsoon Onset Driven by Low Soil Moisture in the Iranian Desert. Geophysical Research Letters, 2019, 46, 10568-10577.	1.5	16
42	Explosive Cyclogenesis around the Korean Peninsula in May 2016 from a Potential Vorticity Perspective: Case Study and Numerical Simulations. Atmosphere, 2019, 10, 322.	1.0	6
43	The relative roles of the South China Sea summer monsoon and ENSO in the Indian Ocean dipole development. Climate Dynamics, 2019, 53, 6665-6680.	1.7	21
44	Combined Effects of Blocking and AO on a Prolonged Snowstorm in Jeju Island. Asia-Pacific Journal of Atmospheric Sciences, 2019, 55, 401-414.	1.3	3
45	A Comparison Between Major Artificial Intelligence Models for Crop Yield Prediction: Case Study of the Midwestern United States, 2006â€“2015. ISPRS International Journal of Geo-Information, 2019, 8, 240.	1.4	71
46	Monsoons. Atmosphere, 2019, 10, 147.	1.0	0
47	Reconciling opposing Walker circulation trends in observations and model projections. Nature Climate Change, 2019, 9, 405-412.	8.1	86
48	Effect of Typhoon-Generated Cold Wake on the Subsequent Typhoon Tembin and Its Sensitivity to Horizontal Resolutions. Atmosphere, 2019, 10, 644.	1.0	5
49	Seasonality and El NiÃ±o Diversity in the Relationship between ENSO and Western North Pacific Tropical Cyclone Activity. Journal of Climate, 2019, 32, 8021-8045.	1.2	17
50	Observations Utilizing Korea Ocean Research Stations and their Applications for Process Studies. Bulletin of the American Meteorological Society, 2019, 100, 2061-2075.	1.7	28
51	How Lightâ€Absorbing Properties of Organic Aerosol Modify the Asian Summer Monsoon Rainfall?. Journal of Geophysical Research D: Atmospheres, 2018, 123, 2244-2255.	1.2	10
52	Toward Predicting Changes in the Land Monsoon Rainfall a Decade in Advance. Journal of Climate, 2018, 31, 2699-2714.	1.2	55
53	Dynamics-oriented diagnostics for the Madden-Julian Oscillation. Journal of Climate, 2018, , .	1.2	12
54	Chemical evidence of inter-hemispheric air mass intrusion into the Northern Hemisphere mid-latitudes. Scientific Reports, 2018, 8, 4669.	1.6	11

#	Article	IF	Citations
55	Linkages between the South and East Asian summer monsoons: a review and revisit. Climate Dynamics, 2018, 51, 4207-4227.	1.7	43
56	Subseasonal shift in tropical cyclone genesis over the western North Pacific in 2013. Climate Dynamics, 2018, 51, 4451-4467.	1.7	7
57	Interdecadal changes in winter surface air temperature over East Asia and their possible causes. Climate Dynamics, 2018, 51, 1375-1390.	1.7	22
58	Changes in equatorial zonal circulations and precipitation in the context of the global warming and natural modes. Climate Dynamics, 2018, 51, 3999-4013.	1.7	11
59	Future changes due to model biases in probabilities of extreme temperatures over East Asia using CMIP5 data. International Journal of Climatology, 2018, 38, 1177-1188.	1.5	5
60	Re-Examination of the Decadal Change in the Relationship between the East Asian Summer Monsoon and Indian Ocean SST. Atmosphere, 2018, 9, 395.	1.0	4
61	East Asian climate under global warming: understanding and projection. Climate Dynamics, 2018, 51, 3969-3972.	1.7	11
62	An Intraseasonal Genesis Potential Index for Tropical Cyclones during Northern Hemisphere Summer. Journal of Climate, 2018, 31, 9055-9071.	1.2	24
63	Disentangling Impacts of Dynamic and Thermodynamic Components on Late Summer Rainfall Anomalies in East Asia. Journal of Geophysical Research D: Atmospheres, 2018, 123, 8623-8633.	1.2	21
64	The Multiscale Global Monsoon System: Research and Prediction Challenges in Weather and Climate. Bulletin of the American Meteorological Society, 2018, 99, ES149-ES153.	1.7	8
65	Interbasin coupling between the tropical Indian and Pacific Ocean on interannual timescale: observation and CMIP5 reproduction. Climate Dynamics, 2017, 48, 459-475.	1.7	31
66	Asymmetric response of tropical cyclone activity to global warming over the North Atlantic and western North Pacific from CMIP5 model projections. Scientific Reports, 2017, 7, 41354.	1.6	27
67	Boreal Summer Intraseasonal Phases Identified by Nonlinear Multivariate Empirical Orthogonal Functionâ€"Based Self-Organizing Map (ESOM) Analysis. Journal of Climate, 2017, 30, 3513-3528.	1.2	11
68	Influences of Boreal Summer Intraseasonal Oscillation on Heat Waves in Monsoon Asia. Journal of Climate, 2017, 30, 7191-7211.	1.2	76
69	Asian monsoon climate change - Understanding and prediction. Asia-Pacific Journal of Atmospheric Sciences, 2017, 53, 179-180.	1.3	6
70	Temperature and precipitation in the context of the annual cycle over Asia: Model evaluation and future change. Asia-Pacific Journal of Atmospheric Sciences, 2017, 53, 229-242.	1.3	15
71	Development of statistical prediction models for Changma precipitation: An ensemble approach. Asia-Pacific Journal of Atmospheric Sciences, 2017, 53, 207-216.	1.3	8
72	Combined effect of the East Atlantic/West Russia and Western Pacific teleconnections on the East Asian winter monsoon. Asia-Pacific Journal of Atmospheric Sciences, 2017, 53, 273-285.	1.3	25

#	Article	IF	Citations
73	Predictable patterns of the Mayâ€“June rainfall anomaly over East Asia. Journal of Geophysical Research D: Atmospheres, 2017, 122, 2203-2217.	1.2	28
74	Decadal Change of East Asian Summer Monsoon: Contributions of Internal Variability and External Forcing. World Scientific Series on Asia-Pacific Weather and Climate, 2017, , 327-336.	0.2	7
75	Production of Daily Mean Temperature Ensemble from the CMIP GCM Using EBMA. Journal of Climate Research, 2017, 12, 199-213.	0.1	0
76	Influence of boreal summer intraseasonal oscillation on rainfall extremes in southern China. International Journal of Climatology, 2016, 36, 1403-1412.	1.5	120
77	Interâ€El NiÃ±o variability in CMIP5 models: Model deficiencies and future changes. Journal of Geophysical Research D: Atmospheres, 2016, 121, 3894-3906.	1.2	13
78	Quantifying organic aerosol single scattering albedo over the tropical biomass burning regions. Atmospheric Environment, 2016, 147, 67-78.	1.9	7
79	Global fine-mode aerosol radiative effect, as constrained by comprehensive observations. Atmospheric Chemistry and Physics, 2016, 16, 8071-8080.	1.9	16
80	Interdecadal change in the lagged relationship between the Pacificâ€“South American pattern and ENSO. Climate Dynamics, 2016, 47, 2867-2884.	1.7	20
81	On the relationships between satellite-based drought index and gross primary production in the North Korean croplands, 2000â€“2012. Remote Sensing Letters, 2016, 7, 790-799.	0.6	11
82	The seasonally varying effect of the Tibetan Plateau on Northern Hemispheric blocking frequency and amplitude. Climate Dynamics, 2016, 47, 2527-2541.	1.7	5
83	Intensification of the Western North Pacific Anticyclone Response to the Short Decaying El NiÃ±o Event due to Greenhouse Warming. Journal of Climate, 2016, 29, 3607-3627.	1.2	29
84	Prediction of dominant intraseasonal modes in the East Asian-western North Pacific summer monsoon. Climate Dynamics, 2016, 47, 2025-2037.	1.7	14
85	Designing of Conceptual Models on Typhoon and Changma Utilizing GK-2A Satellite Data. Atmosphere, 2016, 26, 215-226.	0.3	1
86	Effect of Sea Surface Temperature Gradient Induced by the Previous Typhoon's Cold Wake on the Track of the Following Typhoon: Bolaven (1215) and Tembin (1214). Atmosphere, 2016, 26, 635-647.	0.3	1
87	Statistical estimation of crop yields for the Midwestern United States using satellite images, climate datasets, and soil property maps. Korean Journal of Remote Sensing, 2016, 32, 383-401.	0.4	1
88	Eddy Momentum, Heat, and Moisture Transports During the Boreal Winter: Three Reanalysis Data Comparison. Atmosphere, 2016, 26, 649-663.	0.3	0
89	Covariability of western tropical Pacific-North Pacific atmospheric circulation during summer. Scientific Reports, 2015, 5, 16980.	1.6	15
90	Rethinking Indian monsoon rainfall prediction in the context of recent global warming. Nature Communications, 2015, 6, 7154.	5.8	165

#	Article	IF	Citations
91	Thermodynamic characteristics and responses to ENSO of dominant intraseasonal modes in the East Asian summer monsoon. Climate Dynamics, 2015, 44, 1751-1766.	1.7	36
92	Observed changes of global and western Pacific precipitation associated with global warming SST mode and mega-ENSO SST mode. Climate Dynamics, 2015, 45, 3067-3075.	1.7	22
93	Intensified impact of tropical Atlantic SST on the western North Pacific summer climate under a weakened Atlantic thermohaline circulation. Climate Dynamics, 2015, 45, 2033-2046.	1.7	44
94	Development mechanisms of an explosive cyclone over East Sea on 3â€“4 April 2012. Dynamics of Atmospheres and Oceans, 2015, 70, 30-46.	0.7	18
95	Two leading modes of Northern Hemisphere blocking variability in the boreal wintertime and their relationship with teleconnection patterns. Climate Dynamics, 2015, 44, 2479-2491.	1.7	12
96	Interdecadal change in typhoon genesis condition over the western North Pacific. Climate Dynamics, 2015, 45, 3243-3255.	1.7	42
97	Effects of mountain uplift on global monsoon precipitation. Asia-Pacific Journal of Atmospheric Sciences, 2015, 51, 275-290.	1.3	17
98	Understanding of Interdecadal Changes in Variability and Predictability of the Northern Hemisphere Summer Tropicalâ€“Extratropical Teleconnection. Journal of Climate, 2015, 28, 8634-8647.	1.2	19
99	Critical role of boreal summer North Pacific subtropical highs in ENSO transition. Climate Dynamics, 2015, 44, 1979-1992.	1.7	29
100	Observation and Analysis of Turbulent Fluxes Observed at Ieodo Ocean Research Station in Autumn 2014. Atmosphere, 2015, 25, 707-718.	0.3	3
101	Future Change Using the CMIP5 MME and Best Models: II. The Thermodynamic and Dynamic Analysis on Near and Long-Term Future Climate Change over East Asia. Atmosphere, 2015, 25, 249-260.	0.3	0
102	Mean Meridional Circulation-Eddy Interaction in Three Reanalysis Data Sets during the Boreal Winter. Atmosphere, 2015, 25, 543-557.	0.3	1
103	Seasonal Prediction of Distinct Climate Anomalies in Summer 2010 over the Tropical Indian Ocean and South Asia. Journal of the Meteorological Society of Japan, 2014, 92, 1-16.	0.7	19
104	Future Change of Northern Hemisphere Summer Tropicalâ€“Extratropical Teleconnection in CMIP5 Models*. Journal of Climate, 2014, 27, 3643-3664.	1.2	43
105	Algorithm for sea fog monitoring with the use of information technologies. Meteorological Applications, 2014, 21, 350-359.	0.9	23
106	Future change of Asian-Australian monsoon under RCP 4.5 anthropogenic warming scenario. Climate Dynamics, 2014, 42, 83-100.	1.7	119
107	Interdecadal changes in interannual variability of the global monsoon precipitation and interrelationships among its subcomponents. Climate Dynamics, 2014, 42, 2585-2601.	1.7	41
108	Future change of the Indian Ocean basin-wide and dipole modes in the CMIP5. Climate Dynamics, 2014, 43, 535-551.	1.7	52

#	Article	IF	Citations
109	Interdecadal change in the Northern Hemisphere seasonal climate prediction skill: part I. The leading forced mode of atmospheric circulation. Climate Dynamics, 2014, 43, 1595-1609.	1.7	14
110	Future change of extreme temperature climate indices over East Asia with uncertainties estimation in the CMIP5. Asia-Pacific Journal of Atmospheric Sciences, 2014, 50, 609-624.	1.3	18
111	Interdecadal changes in the Asian winter monsoon variability and its relationship with ENSO and AO. Asia-Pacific Journal of Atmospheric Sciences, 2014, 50, 531-540.	1.3	15
112	Interdecadal change in the Northern Hemisphere seasonal climate prediction skill: part II. predictability and prediction skill. Climate Dynamics, 2014, 43, 1611-1630.	1.7	11
113	Recent intensification of the South and East Asian monsoon contrast associated with an increase in the zonal tropical SST gradient. Journal of Geophysical Research D: Atmospheres, 2014, 119, 8104-8116.	1.2	29
114	Methods for uncertainty assessment of climate models and model predictions over East Asia. International Journal of Climatology, 2014, 34, 377-390.	1.5	36
115	Robust assessment of the expansion and retreat of Mediterranean climate in the 21st century. Scientific Reports, 2014, 4, 7211.	1.6	64
116	Future change of Asian-Australian monsoon under RCP 4.5 anthropogenic warming scenario. , 2014, 42, 83.		1
117	Future Change Using the CMIP5 MME and Best Models: I. Near and Long Term Future Change of Temperature and Precipitation over East Asia. Atmosphere, 2014, 24, 403-417.	0.3	1
118	Impact of the western North Pacific subtropical high on the East Asian monsoon precipitation and the Indian Ocean precipitation in the boreal summertime. Asia-Pacific Journal of Atmospheric Sciences, 2013, 49, 171-182.	1.3	54
119	Seasonal prediction and predictability of the Asian winter temperature variability. Climate Dynamics, 2013, 41, 573-587.	1.7	68
120	Teleconnections associated with Northern Hemisphere summer monsoon intraseasonal oscillation. Climate Dynamics, 2013, 40, 2761-2774.	1.7	64
121	Role of the Tibetan Plateau on the Annual Variation of Mean Atmospheric Circulation and Storm-Track Activity*. Journal of Climate, 2013, 26, 5270-5286.	1.2	37
122	Effects of Asymmetric SST Distribution on Straight-Moving Typhoon Ewiniar (2006) and Recurving Typhoon Maemi (2003). Monthly Weather Review, 2013, 141, 3950-3967.	0.5	19
123	Robust warming over East Asia during the boreal winter monsoon and its possible causes. Environmental Research Letters, 2013, 8, 034001.	2.2	36
124	Distinct impact of tropical SSTs on summer North Pacific high and western North Pacific subtropical high. Journal of Geophysical Research D: Atmospheres, 2013, 118, 4107-4116.	1.2	32
125	Warming of Western North Pacific Ocean and Energetics of Transient Eddy Activity. Monthly Weather Review, 2012, 140, 2860-2873.	0.5	11
126	MJO Modulation on 2009/10 Winter Snowstorms in the United States*. Journal of Climate, 2012, 25, 978-991.	1.2	17

#	Article	IF	Citations
127	What caused the cool summer over northern Central Asia, East Asia and central North America during 2009?. Environmental Research Letters, 2012, 7, 044015.	2.2	22
128	What drives the global summer monsoon over the past millennium?. Climate Dynamics, 2012, 39, 1063-1072.	1.7	27
129	Changes in climate classification and extreme climate indices from a high-resolution future projection in Korea. Asia-Pacific Journal of Atmospheric Sciences, 2012, 48, 213-226.	1.3	27
130	Effects of SST magnitude and gradient on typhoon tracks around East Asia: Acase study for Typhoon Maemi (2003). Atmospheric Research, 2012, 109-110, 36-51.	1.8	32
131	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.	1.3	24
132	Nonlinear, Intraseasonal Phases of the East Asian Summer Monsoon: Extraction and Analysis Using Self-Organizing Maps. Journal of Climate, 2012, 25, 6975-6988.	1.2	52
133	Variability in the East Asian Monsoon: a review. Meteorological Applications, 2012, 19, 200-215.	0.9	130
134	Interdecadal changes in the storm track activity over the North Pacific and North Atlantic. Climate Dynamics, 2012, 39, 313-327.	1.7	89
135	Climate change effects on tropical night days in Seoul, Korea. Theoretical and Applied Climatology, 2012, 109, 191-203.	1.3	36
136	Effects of subseasonal basic state changes on Rossby wave propagation during northern summer. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	8
137	Deficiencies and possibilities for long-lead coupled climate prediction of the Western North Pacific-East Asian summer monsoon. Climate Dynamics, 2011, 36, 1173-1188.	1.7	81
138	ENSO regulation of MJO teleconnection. Climate Dynamics, 2011, 37, 1133-1149.	1.7	117
139	How predictable is the northern hemisphere summer upper-tropospheric circulation?. Climate Dynamics, 2011, 37, 1189-1203.	1.7	84
140	A comparison of climatological subseasonal variations in the wintertime storm track activity between the North Pacific and Atlantic: local energetics and moisture effect. Climate Dynamics, 2011, 37, 2455-2469.	1.7	32
141	Decadal changes in climatological intraseasonal fluctuation of subseasonal evolution of summer precipitation over the Korean Peninsula in the mid-1990s. Advances in Atmospheric Sciences, 2011, 28, 591-600.	1.9	16
142	Quality Control and Tilt Correction Effects on the Turbulent Fluxes Observed at an Ocean Platform. Journal of Applied Meteorology and Climatology, 2011, 50, 700-712.	0.6	9
143	Interdecadal shift in the relationship between the East Asian summer monsoon and the tropical Indian Ocean. Climate Dynamics, 2010, 34, 1059-1071.	1.7	124
144	Diurnal and spatial variabilities of monsoonal CG lightning and precipitation and their association with the synoptic weather conditions over South Korea. Theoretical and Applied Climatology, 2010, 102, 43-60.	1.3	13

#	Article	IF	Citations
145	Simulation of snowstorm over the Yellow Sea using a mesoscale coupled model. Asia-Pacific Journal of Atmospheric Sciences, 2010, 46, 437-452.	1.3	7
146	On drag coefficient parameterization with post processed direct fluxes measurements over the ocean. Asia-Pacific Journal of Atmospheric Sciences, 2010, 46, 513-523.	1.3	11
147	Interdecadal Change in the Relationship between ENSO and the Intraseasonal Oscillation in East Asia. Journal of Climate, 2010, 23, 3599-3612.	1.2	44
148	A Coupled Model Study on the Formation and Dissipation of Sea Fogs. Monthly Weather Review, 2010, 138, 1186-1205.	0.5	33
149	Decadal cooling in the Indian summer monsoon after 1997/1998 El NiÃ±o and its impact on the East Asian summer monsoon. Geophysical Research Letters, 2010, 37, .	1.5	14
150	Shift of peak in summer monsoon rainfall over Korea and its association with El NiÃ±oâ€“Southern Oscillation. Journal of Geophysical Research, 2010, 115, .	3.3	25
151	Impacts of tropical ocean warming on East Asian summer climate. Geophysical Research Letters, 2010, 37, .	1.5	17
152	Comparison of advection and steam fogs: From direct observation over the sea. Atmospheric Research, 2010, 98, 426-437.	1.8	18
153	A Case Study on the Development of an Elevated Subsidence Inversion Over a Surface Low Pressure System. Journal of the Korean Earth Science Society, 2010, 31, 531-538.	0.0	0
154	Spatial Variation of the Regional Wind Field with Landâ€“Sea Contrasts and Complex Topography. Journal of Applied Meteorology and Climatology, 2009, 48, 1929-1939.	0.6	9
155	Simulation of atmospheric states for a storm surge on the west coast of Korea: model comparison between MM5, WRF and COAMPS. Natural Hazards, 2009, 51, 151-162.	1.6	9
156	Implementation of turbulent mixing over a stratocumulus-topped boundary layer and its impact in a GCM. Advances in Atmospheric Sciences, 2009, 26, 995-1004.	1.9	3
157	Aerosol effects on the enhancement of cloud-to-ground lightning over major urban areas of South Korea. Atmospheric Research, 2009, 92, 80-87.	1.8	89
158	Comparison of two different vertical diffusion schemes in amplitude and phase of the diurnal variation and its impact on a GCM. Geophysical Research Letters, 2009, 36, .	1.5	0
159	Circulation changes associated with the interdecadal shift of Korean August rainfall around late 1960s. Journal of Geophysical Research, 2009, 114, .	3.3	25
160	Impact of different diffusion schemes on simulated rainfall: Landâ€ocean contrast. Journal of Geophysical Research, 2009, 114, .	3.3	3
161	Snowstorm over the southwestern coast of the Korean Peninsula associated with the development of mesocyclone over the Yellow Sea. Advances in Atmospheric Sciences, 2008, 25, 765-777.	1.9	7
162	The SSTâ€forced predictability of the subâ€seasonal mode over East Asia with an atmospheric general circulation model. International Journal of Climatology, 2008, 28, 1599-1606.	1.5	6

#	Article	IF	Citations
163	Decadal change of January and July persistence of monthly mean 500 hPa geopotential height anomalies. Geophysical Research Letters, 2008, 35, .	1.5	4
164	The 30â€“60-day oscillation in the East Asian summer monsoon and its time-dependent association with the ENSO. Tellus, Series A: Dynamic Meteorology and Oceanography, 2008, 61, 565-578.	0.8	25
165	Relationship between ENSO and northward propagating intraseasonal oscillation in the east Asian summer monsoon system. Journal of Geophysical Research, 2008, 113, .	3.3	46
166	Trends and interdecadal changes of weather predictability during 1950sâ€“1990s. Journal of Geophysical Research, 2008, 113, .	3.3	24
167	On the Relationship between Typhoon Intensity and Formation Region: Effect of Developing and Decaying ENSO. Journal of the Korean Earth Science Society, 2008, 29, 29-44.	0.0	6
168	Model Optimization for Sea Surface Wind Simulation of Strong Wind Cases. Journal of the Korean Earth Science Society, 2008, 29, 263-279.	0.0	5
169	Evaluation of Boundary Layer Similarity Theory for Stable Conditions in CASES-99. Monthly Weather Review, 2007, 135, 3474-3483.	0.5	30
170	Effects of Spatial and Temporal Variations in PBL Depth on a GCM. Journal of Climate, 2007, 20, 4717-4732.	1.2	11
171	Spatial and temporal characteristics of precipitation using an extensive network of ground gauge in the Korean Peninsula. Atmospheric Research, 2007, 86, 330-339.	1.8	22
172	Decadal change in east Asian summer monsoon circulation in the midâ€1990s. Geophysical Research Letters, 2007, 34, .	1.5	171
173	Characteristics of cloud-to-ground lightning activity over Seoul, South Korea in relation to an urban effect. Annales Geophysicae, 2007, 25, 2113-2118.	0.6	23
174	Evaluation of the urban effect of long-term relative humidity and the separation of temperature and water vapor effects. International Journal of Climatology, 2007, 27, 1531-1542.	1.5	18
175	On the interannual variability of the Bonin high associated with the East Asian summer monsoon rain. Climate Dynamics, 2006, 28, 67-83.	1.7	29
176	Climatic change and interannual fluctuations in the long-term record of monthly precipitation for Seoul. International Journal of Climatology, 2006, 26, 607-618.	1.5	24
177	On interannual characteristics of Climate Prediction Center merged analysis precipitation over the Korean peninsula during the summer monsoon season. International Journal of Climatology, 2005, 25, 99-116.	1.5	62
178	A comparison of methods to estimate the height of stable boundary layer over a temperate grassland. Agricultural and Forest Meteorology, 2005, 132, 132-142.	1.9	26
179	Comparison of Scan-Angle Method and Convective Cloud Differential Method in Retrieving Tropospheric Ozone from TOMS. Environmental Monitoring and Assessment, 2004, 92, 25-33.	1.3	3
180	Association between tropical convection and boreal wintertime extratropical circulation in 1982/83 and 1988/89. Advances in Atmospheric Sciences, 2003, 20, 593-603.	1.9	2

#	Article	IF	Citations
181	Characteristic Differences of Rainfall and Cloud-to-Ground Lightning Activity over South Korea during the Summer Monsoon Season. Monthly Weather Review, 2003, 131, 2312-2323.	0.5	26
182	Radiative and turbulent fluxes in the nocturnal boundary layer. Tellus, Series A: Dynamic Meteorology and Oceanography, 2003, 55, 317-327.	0.8	31
183	Evaluation of Some Ground Truth Designs for Satellite Estimates of Rain Rate. Journal of Atmospheric and Oceanic Technology, 2002, 19, 65-73.	0.5	20
184	Simple Inclusion ofz-less Turbulence within and above the Modeled Nocturnal Boundary Layer. Monthly Weather Review, 2001, 129, 2136-2143.	0.5	27