

Kyung-Ja Ha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8020781/publications.pdf>

Version: 2024-02-01

184
papers

4,757
citations

109264

35
h-index

149623

56
g-index

201
all docs

201
docs citations

201
times ranked

3796
citing authors

#	ARTICLE	IF	CITATIONS
1	Decadal change in east Asian summer monsoon circulation in the mid-1990s. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	171
2	Rethinking Indian monsoon rainfall prediction in the context of recent global warming. <i>Nature Communications</i> , 2015, 6, 7154.	5.8	165
3	Monsoons Climate Change Assessment. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E1-E19.	1.7	133
4	Variability in the East Asian Monsoon: a review. <i>Meteorological Applications</i> , 2012, 19, 200-215.	0.9	130
5	Interdecadal shift in the relationship between the East Asian summer monsoon and the tropical Indian Ocean. <i>Climate Dynamics</i> , 2010, 34, 1059-1071.	1.7	124
6	Influence of boreal summer intraseasonal oscillation on rainfall extremes in southern China. <i>International Journal of Climatology</i> , 2016, 36, 1403-1412.	1.5	120
7	Future change of Asian-Australian monsoon under RCP 4.5 anthropogenic warming scenario. <i>Climate Dynamics</i> , 2014, 42, 83-100.	1.7	119
8	ENSO regulation of MJO teleconnection. <i>Climate Dynamics</i> , 2011, 37, 1133-1149.	1.7	117
9	Aerosol effects on the enhancement of cloud-to-ground lightning over major urban areas of South Korea. <i>Atmospheric Research</i> , 2009, 92, 80-87.	1.8	89
10	Interdecadal changes in the storm track activity over the North Pacific and North Atlantic. <i>Climate Dynamics</i> , 2012, 39, 313-327.	1.7	89
11	Reconciling opposing Walker circulation trends in observations and model projections. <i>Nature Climate Change</i> , 2019, 9, 405-412.	8.1	86
12	Future Changes of Summer Monsoon Characteristics and Evaporative Demand Over Asia in CMIP6 Simulations. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087492.	1.5	85
13	How predictable is the northern hemisphere summer upper-tropospheric circulation?. <i>Climate Dynamics</i> , 2011, 37, 1189-1203.	1.7	84
14	Deficiencies and possibilities for long-lead coupled climate prediction of the Western North Pacific-East Asian summer monsoon. <i>Climate Dynamics</i> , 2011, 36, 1173-1188.	1.7	81
15	Influences of Boreal Summer Intraseasonal Oscillation on Heat Waves in Monsoon Asia. <i>Journal of Climate</i> , 2017, 30, 7191-7211.	1.2	76
16	A Comparison Between Major Artificial Intelligence Models for Crop Yield Prediction: Case Study of the Midwestern United States, 2006-2015. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 240.	1.4	71
17	Seasonal prediction and predictability of the Asian winter temperature variability. <i>Climate Dynamics</i> , 2013, 41, 573-587.	1.7	68
18	Teleconnections associated with Northern Hemisphere summer monsoon intraseasonal oscillation. <i>Climate Dynamics</i> , 2013, 40, 2761-2774.	1.7	64

#	ARTICLE	IF	CITATIONS
19	Robust assessment of the expansion and retreat of Mediterranean climate in the 21st century. <i>Scientific Reports</i> , 2014, 4, 7211.	1.6	64
20	On interannual characteristics of Climate Prediction Center merged analysis precipitation over the Korean peninsula during the summer monsoon season. <i>International Journal of Climatology</i> , 2005, 25, 99-116.	1.5	62
21	Future changes in monsoon duration and precipitation using CMIP6. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, .	2.6	57
22	Toward Predicting Changes in the Land Monsoon Rainfall a Decade in Advance. <i>Journal of Climate</i> , 2018, 31, 2699-2714.	1.2	55
23	Impact of the western North Pacific subtropical high on the East Asian monsoon precipitation and the Indian Ocean precipitation in the boreal summertime. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2013, 49, 171-182.	1.3	54
24	Nonlinear, Intraseasonal Phases of the East Asian Summer Monsoon: Extraction and Analysis Using Self-Organizing Maps. <i>Journal of Climate</i> , 2012, 25, 6975-6988.	1.2	52
25	Future change of the Indian Ocean basin-wide and dipole modes in the CMIP5. <i>Climate Dynamics</i> , 2014, 43, 535-551.	1.7	52
26	Relationship between ENSO and northward propagating intraseasonal oscillation in the east Asian summer monsoon system. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	46
27	Interdecadal Change in the Relationship between ENSO and the Intraseasonal Oscillation in East Asia. <i>Journal of Climate</i> , 2010, 23, 3599-3612.	1.2	44
28	Intensified impact of tropical Atlantic SST on the western North Pacific summer climate under a weakened Atlantic thermohaline circulation. <i>Climate Dynamics</i> , 2015, 45, 2033-2046.	1.7	44
29	Future Change of Northern Hemisphere Summer Tropicalâ€œExtratropical Teleconnection in CMIP5 Models*. <i>Journal of Climate</i> , 2014, 27, 3643-3664.	1.2	43
30	Linkages between the South and East Asian summer monsoons: a review and revisit. <i>Climate Dynamics</i> , 2018, 51, 4207-4227.	1.7	43
31	Interdecadal change in typhoon genesis condition over the western North Pacific. <i>Climate Dynamics</i> , 2015, 45, 3243-3255.	1.7	42
32	Interdecadal changes in interannual variability of the global monsoon precipitation and interrelationships among its subcomponents. <i>Climate Dynamics</i> , 2014, 42, 2585-2601.	1.7	41
33	Role of the Tibetan Plateau on the Annual Variation of Mean Atmospheric Circulation and Storm-Track Activity*. <i>Journal of Climate</i> , 2013, 26, 5270-5286.	1.2	37
34	Climate change effects on tropical night days in Seoul, Korea. <i>Theoretical and Applied Climatology</i> , 2012, 109, 191-203.	1.3	36
35	Robust warming over East Asia during the boreal winter monsoon and its possible causes. <i>Environmental Research Letters</i> , 2013, 8, 034001.	2.2	36
36	Methods for uncertainty assessment of climate models and model predictions over East Asia. <i>International Journal of Climatology</i> , 2014, 34, 377-390.	1.5	36

#	ARTICLE	IF	CITATIONS
37	Thermodynamic characteristics and responses to ENSO of dominant intraseasonal modes in the East Asian summer monsoon. <i>Climate Dynamics</i> , 2015, 44, 1751-1766.	1.7	36
38	Dynamics and characteristics of dry and moist heatwaves over East Asia. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	34
39	A Coupled Model Study on the Formation and Dissipation of Sea Fogs. <i>Monthly Weather Review</i> , 2010, 138, 1186-1205.	0.5	33
40	A comparison of climatological subseasonal variations in the wintertime storm track activity between the North Pacific and Atlantic: local energetics and moisture effect. <i>Climate Dynamics</i> , 2011, 37, 2455-2469.	1.7	32
41	Effects of SST magnitude and gradient on typhoon tracks around East Asia: A case study for Typhoon Maemi (2003). <i>Atmospheric Research</i> , 2012, 109-110, 36-51.	1.8	32
42	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
43	Interbasin coupling between the tropical Indian and Pacific Ocean on interannual timescale: observation and CMIP5 reproduction. <i>Climate Dynamics</i> , 2017, 48, 459-475.	1.7	31
44	Radiative and turbulent fluxes in the nocturnal boundary layer. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2003, 55, 317-327.	0.8	31
45	Evaluation of Boundary Layer Similarity Theory for Stable Conditions in CASES-99. <i>Monthly Weather Review</i> , 2007, 135, 3474-3483.	0.5	30
46	Fidelity of CMIP5-simulated teleconnection between Atlantic multidecadal oscillation and Indian summer monsoon rainfall. <i>Climate Dynamics</i> , 2019, 52, 4157-4176.	1.7	30
47	Coldâ€‘Season Arctic Amplification Driven by Arctic Oceanâ€‘Mediated Seasonal Energy Transfer. <i>Earth's Future</i> , 2021, 9, e2020EF001898.	2.4	30
48	On the interannual variability of the Bonin high associated with the East Asian summer monsoon rain. <i>Climate Dynamics</i> , 2006, 28, 67-83.	1.7	29
49	Recent intensification of the South and East Asian monsoon contrast associated with an increase in the zonal tropical SST gradient. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 8104-8116.	1.2	29
50	Critical role of boreal summer North Pacific subtropical highs in ENSO transition. <i>Climate Dynamics</i> , 2015, 44, 1979-1992.	1.7	29
51	Intensification of the Western North Pacific Anticyclone Response to the Short Decaying El Niño Event due to Greenhouse Warming. <i>Journal of Climate</i> , 2016, 29, 3607-3627.	1.2	29
52	Predictable patterns of the Mayâ€‘June rainfall anomaly over East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2203-2217.	1.2	28
53	Observations Utilizing Korea Ocean Research Stations and their Applications for Process Studies. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 2061-2075.	1.7	28
54	Simple Inclusion of σ -less Turbulence within and above the Modeled Nocturnal Boundary Layer. <i>Monthly Weather Review</i> , 2001, 129, 2136-2143.	0.5	27

#	ARTICLE	IF	CITATIONS
55	What drives the global summer monsoon over the past millennium?. <i>Climate Dynamics</i> , 2012, 39, 1063-1072.	1.7	27
56	Changes in climate classification and extreme climate indices from a high-resolution future projection in Korea. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2012, 48, 213-226.	1.3	27
57	Asymmetric response of tropical cyclone activity to global warming over the North Atlantic and western North Pacific from CMIP5 model projections. <i>Scientific Reports</i> , 2017, 7, 41354.	1.6	27
58	Characteristic Differences of Rainfall and Cloud-to-Ground Lightning Activity over South Korea during the Summer Monsoon Season. <i>Monthly Weather Review</i> , 2003, 131, 2312-2323.	0.5	26
59	A comparison of methods to estimate the height of stable boundary layer over a temperate grassland. <i>Agricultural and Forest Meteorology</i> , 2005, 132, 132-142.	1.9	26
60	The 30-60-day oscillation in the East Asian summer monsoon and its time-dependent association with the ENSO. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2008, 61, 565-578.	0.8	25
61	Circulation changes associated with the interdecadal shift of Korean August rainfall around late 1960s. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	25
62	Shift of peak in summer monsoon rainfall over Korea and its association with El Niño-Southern Oscillation. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	25
63	Combined effect of the East Atlantic/West Russia and Western Pacific teleconnections on the East Asian winter monsoon. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2017, 53, 273-285.	1.3	25
64	Climatic change and interannual fluctuations in the long-term record of monthly precipitation for Seoul. <i>International Journal of Climatology</i> , 2006, 26, 607-618.	1.5	24
65	Trends and interdecadal changes of weather predictability during 1950s-1990s. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	24
66	Dependency of typhoon intensity and genesis locations on El Niño phase and SST shift over the western North Pacific. <i>Theoretical and Applied Climatology</i> , 2012, 109, 383-395.	1.3	24
67	An Intraseasonal Genesis Potential Index for Tropical Cyclones during Northern Hemisphere Summer. <i>Journal of Climate</i> , 2018, 31, 9055-9071.	1.2	24
68	Causal effects of Indian Ocean Dipole on El Niño-Southern Oscillation during 1950-2014 based on high-resolution models and reanalysis data. <i>Environmental Research Letters</i> , 2020, 15, 1040b6.	2.2	24
69	Characteristics of cloud-to-ground lightning activity over Seoul, South Korea in relation to an urban effect. <i>Annales Geophysicae</i> , 2007, 25, 2113-2118.	0.6	23
70	Algorithm for sea fog monitoring with the use of information technologies. <i>Meteorological Applications</i> , 2014, 21, 350-359.	0.9	23
71	Spatial and temporal characteristics of precipitation using an extensive network of ground gauge in the Korean Peninsula. <i>Atmospheric Research</i> , 2007, 86, 330-339.	1.8	22
72	What caused the cool summer over northern Central Asia, East Asia and central North America during 2009?. <i>Environmental Research Letters</i> , 2012, 7, 044015.	2.2	22

#	ARTICLE	IF	CITATIONS
73	Observed changes of global and western Pacific precipitation associated with global warming SST mode and mega-ENSO SST mode. <i>Climate Dynamics</i> , 2015, 45, 3067-3075.	1.7	22
74	Interdecadal changes in winter surface air temperature over East Asia and their possible causes. <i>Climate Dynamics</i> , 2018, 51, 1375-1390.	1.7	22
75	Disentangling Impacts of Dynamic and Thermodynamic Components on Late Summer Rainfall Anomalies in East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 8623-8633.	1.2	21
76	The relative roles of the South China Sea summer monsoon and ENSO in the Indian Ocean dipole development. <i>Climate Dynamics</i> , 2019, 53, 6665-6680.	1.7	21
77	Feedback attribution to dry heatwaves over East Asia. <i>Environmental Research Letters</i> , 2021, 16, 064003.	2.2	21
78	Evaluation of Some Ground Truth Designs for Satellite Estimates of Rain Rate. <i>Journal of Atmospheric and Oceanic Technology</i> , 2002, 19, 65-73.	0.5	20
79	Radiative and turbulent fluxes in the nocturnal boundary layer. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 55, 317.	0.8	20
80	Interdecadal change in the lagged relationship between the Pacific-South American pattern and ENSO. <i>Climate Dynamics</i> , 2016, 47, 2867-2884.	1.7	20
81	Major factors of global and regional monsoon rainfall changes: natural versus anthropogenic forcing. <i>Environmental Research Letters</i> , 2020, 15, 034055.	2.2	20
82	Effects of Asymmetric SST Distribution on Straight-Moving Typhoon Ewiniar (2006) and Recurving Typhoon Maemi (2003). <i>Monthly Weather Review</i> , 2013, 141, 3950-3967.	0.5	19
83	Seasonal Prediction of Distinct Climate Anomalies in Summer 2010 over the Tropical Indian Ocean and South Asia. <i>Journal of the Meteorological Society of Japan</i> , 2014, 92, 1-16.	0.7	19
84	Understanding of Interdecadal Changes in Variability and Predictability of the Northern Hemisphere Summer Tropical-Extratropical Teleconnection. <i>Journal of Climate</i> , 2015, 28, 8634-8647.	1.2	19
85	Evaluation of the urban effect of long-term relative humidity and the separation of temperature and water vapor effects. <i>International Journal of Climatology</i> , 2007, 27, 1531-1542.	1.5	18
86	Comparison of advection and steam fogs: From direct observation over the sea. <i>Atmospheric Research</i> , 2010, 98, 426-437.	1.8	18
87	Future change of extreme temperature climate indices over East Asia with uncertainties estimation in the CMIP5. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2014, 50, 609-624.	1.3	18
88	Development mechanisms of an explosive cyclone over East Sea on 4 April 2012. <i>Dynamics of Atmospheres and Oceans</i> , 2015, 70, 30-46.	0.7	18
89	An Artificial Intelligence Approach to Prediction of Corn Yields under Extreme Weather Conditions Using Satellite and Meteorological Data. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3785.	1.3	18
90	Impacts of tropical ocean warming on East Asian summer climate. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	17

#	ARTICLE	IF	CITATIONS
91	MJO Modulation on 2009/10 Winter Snowstorms in the United States*. Journal of Climate, 2012, 25, 978-991.	1.2	17
92	Effects of mountain uplift on global monsoon precipitation. Asia-Pacific Journal of Atmospheric Sciences, 2015, 51, 275-290.	1.3	17
93	Seasonality and El Niño Diversity in the Relationship between ENSO and Western North Pacific Tropical Cyclone Activity. Journal of Climate, 2019, 32, 8021-8045.	1.2	17
94	Erratic Asian summer monsoon 2020: COVID-19 lockdown initiatives possible cause for these episodes?. Climate Dynamics, 2022, 59, 1339-1352.	1.7	17
95	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
96	Global fine-mode aerosol radiative effect, as constrained by comprehensive observations. Atmospheric Chemistry and Physics, 2016, 16, 8071-8080.	1.9	16
97	Early Indian Summer Monsoon Onset Driven by Low Soil Moisture in the Iranian Desert. Geophysical Research Letters, 2019, 46, 10568-10577.	1.5	16
98	What Caused the Extraordinarily Hot 2018 Summer in Korea?. Journal of the Meteorological Society of Japan, 2020, 98, 153-167.	0.7	16
99	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
100	Covariability of western tropical Pacific-North Pacific atmospheric circulation during summer. Scientific Reports, 2015, 5, 16980.	1.6	15
101	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
102	Antarctic sea-ice expansion and Southern Ocean cooling linked to tropical variability. Nature Climate Change, 2022, 12, 461-468.	8.1	15
103	Decadal cooling in the Indian summer monsoon after 1997/1998 El Niño and its impact on the East Asian summer monsoon. Geophysical Research Letters, 2010, 37, .	1.5	14
104	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
105	Prediction of dominant intraseasonal modes in the East Asian-western North Pacific summer monsoon. Climate Dynamics, 2016, 47, 2025-2037.	1.7	14
106	Impact of the Indo-Pacific Warm Pool on the Hadley, Walker, and Monsoon Circulations. Atmosphere, 2020, 11, 1030.	1.0	14
107	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
108	Interannual Niño variability in CMIP5 models: Model deficiencies and future changes. Journal of Geophysical Research D: Atmospheres, 2016, 121, 3894-3906.	1.2	13

#	ARTICLE	IF	CITATIONS
109	New Drought Projections Over East Asia Using Evapotranspiration Deficits From the CMIP6 Warming Scenarios. <i>Earth's Future</i> , 2021, 9, e2020EF001697.	2.4	13
110	Two leading modes of Northern Hemisphere blocking variability in the boreal wintertime and their relationship with teleconnection patterns. <i>Climate Dynamics</i> , 2015, 44, 2479-2491.	1.7	12
111	Dynamics-oriented diagnostics for the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2018, , .	1.2	12
112	Effects of Spatial and Temporal Variations in PBL Depth on a GCM. <i>Journal of Climate</i> , 2007, 20, 4717-4732.	1.2	11
113	On drag coefficient parameterization with post processed direct fluxes measurements over the ocean. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2010, 46, 513-523.	1.3	11
114	Warming of Western North Pacific Ocean and Energetics of Transient Eddy Activity. <i>Monthly Weather Review</i> , 2012, 140, 2860-2873.	0.5	11
115	Interdecadal change in the Northern Hemisphere seasonal climate prediction skill: part II. predictability and prediction skill. <i>Climate Dynamics</i> , 2014, 43, 1611-1630.	1.7	11
116	On the relationships between satellite-based drought index and gross primary production in the North Korean croplands, 2000â€“2012. <i>Remote Sensing Letters</i> , 2016, 7, 790-799.	0.6	11
117	Boreal Summer Intraseasonal Phases Identified by Nonlinear Multivariate Empirical Orthogonal Functionâ€“Based Self-Organizing Map (ESOM) Analysis. <i>Journal of Climate</i> , 2017, 30, 3513-3528.	1.2	11
118	Chemical evidence of inter-hemispheric air mass intrusion into the Northern Hemisphere mid-latitudes. <i>Scientific Reports</i> , 2018, 8, 4669.	1.6	11
119	Changes in equatorial zonal circulations and precipitation in the context of the global warming and natural modes. <i>Climate Dynamics</i> , 2018, 51, 3999-4013.	1.7	11
120	East Asian climate under global warming: understanding and projection. <i>Climate Dynamics</i> , 2018, 51, 3969-3972.	1.7	11
121	Projected response of global runoff to El NiÃ±o-Southern oscillation. <i>Environmental Research Letters</i> , 2021, 16, 084037.	2.2	11
122	How Lightâ€“Absorbing Properties of Organic Aerosol Modify the Asian Summer Monsoon Rainfall?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 2244-2255.	1.2	10
123	Spatial Variation of the Regional Wind Field with Landâ€“Sea Contrasts and Complex Topography. <i>Journal of Applied Meteorology and Climatology</i> , 2009, 48, 1929-1939.	0.6	9
124	Simulation of atmospheric states for a storm surge on the west coast of Korea: model comparison between MM5, WRF and COAMPS. <i>Natural Hazards</i> , 2009, 51, 151-162.	1.6	9
125	Quality Control and Tilt Correction Effects on the Turbulent Fluxes Observed at an Ocean Platform. <i>Journal of Applied Meteorology and Climatology</i> , 2011, 50, 700-712.	0.6	9
126	The Indian Ocean Dipole and its Impact on East African Short Rains in Two CMIP5 Historical Scenarios With and Without Anthropogenic Influence. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033121.	1.2	9

#	ARTICLE	IF	CITATIONS
127	Cases for the sole effect of the Indian Ocean Dipole in the rapid phase transition of the El Niño–Southern Oscillation. <i>Theoretical and Applied Climatology</i> , 2020, 141, 999-1007.	1.3	9
128	Effects of subseasonal basic state changes on Rossby wave propagation during northern summer. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	8
129	Development of statistical prediction models for Changma precipitation: An ensemble approach. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2017, 53, 207-216.	1.3	8
130	The Multiscale Global Monsoon System: Research and Prediction Challenges in Weather and Climate. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, ES149-ES153.	1.7	8
131	Interannual and decadal covariabilities in East Asian and Western North Pacific summer rainfall for 1979–2016. <i>Climate Dynamics</i> , 2021, 56, 1017-1033.	1.7	8
132	Synoptic conditions controlling the seasonal onset and days of heatwaves over Korea. <i>Climate Dynamics</i> , 2021, 57, 3045-3053.	1.7	8
133	Snowstorm over the southwestern coast of the Korean Peninsula associated with the development of mesocyclone over the Yellow Sea. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 765-777.	1.9	7
134	Simulation of snowstorm over the Yellow Sea using a mesoscale coupled model. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2010, 46, 437-452.	1.3	7
135	Quantifying organic aerosol single scattering albedo over the tropical biomass burning regions. <i>Atmospheric Environment</i> , 2016, 147, 67-78.	1.9	7
136	Subseasonal shift in tropical cyclone genesis over the western North Pacific in 2013. <i>Climate Dynamics</i> , 2018, 51, 4451-4467.	1.7	7
137	Nonlinear Forced Change and Nonergodicity: The Case of ENSO-Indian Monsoon and Global Precipitation Teleconnections. <i>Frontiers in Earth Science</i> , 2021, 8, .	0.8	7
138	Decadal Change of East Asian Summer Monsoon: Contributions of Internal Variability and External Forcing. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2017, , 327-336.	0.2	7
139	Use of Weather Factors in Clothing Studies in Korea and its Implications: a Review. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2022, 58, 729-741.	1.3	7
140	The SST–forced predictability of the subseasonal mode over East Asia with an atmospheric general circulation model. <i>International Journal of Climatology</i> , 2008, 28, 1599-1606.	1.5	6
141	Asian monsoon climate change - Understanding and prediction. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2017, 53, 179-180.	1.3	6
142	Explosive Cyclogenesis around the Korean Peninsula in May 2016 from a Potential Vorticity Perspective: Case Study and Numerical Simulations. <i>Atmosphere</i> , 2019, 10, 322.	1.0	6
143	The Multiscale Global Monsoon System. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2021, , .	0.2	6
144	The effect of anomalous weather on the seasonal clothing market in New York. <i>Meteorological Applications</i> , 2021, 28, e1982.	0.9	6

#	ARTICLE	IF	CITATIONS
145	On the Relationship between Typhoon Intensity and Formation Region: Effect of Developing and Decaying ENSO. <i>Journal of the Korean Earth Science Society</i> , 2008, 29, 29-44.	0.0	6
146	Record-Breaking Slow Temperature Evolution of Spring Water During 2020 and Its Impacts on Spring Bloom in the Yellow Sea. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	6
147	The seasonally varying effect of the Tibetan Plateau on Northern Hemispheric blocking frequency and amplitude. <i>Climate Dynamics</i> , 2016, 47, 2527-2541.	1.7	5
148	Future changes due to model biases in probabilities of extreme temperatures over East Asia using CMIP5 data. <i>International Journal of Climatology</i> , 2018, 38, 1177-1188.	1.5	5
149	Effect of Typhoon-Generated Cold Wake on the Subsequent Typhoon Tembin and Its Sensitivity to Horizontal Resolutions. <i>Atmosphere</i> , 2019, 10, 644.	1.0	5
150	Two Types of Diurnal Variations in Heavy Rainfall during July over Korea. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 2201-2211.	1.9	5
151	Model Optimization for Sea Surface Wind Simulation of Strong Wind Cases. <i>Journal of the Korean Earth Science Society</i> , 2008, 29, 263-279.	0.0	5
152	Increasing Causal Effects of El Niño-Southern Oscillation on the Future Carbon Cycle of Terrestrial Ecosystems. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	5
153	Decadal change of January and July persistence of monthly mean 500 hPa geopotential height anomalies. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	4
154	Re-Examination of the Decadal Change in the Relationship between the East Asian Summer Monsoon and Indian Ocean SST. <i>Atmosphere</i> , 2018, 9, 395.	1.0	4
155	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
156	Role of the Surface Boundary Conditions in Boreal Spring on the Interannual Variability of the Multistage Evolution of the East Asian Summer Monsoon. <i>Journal of Climate</i> , 2020, 33, 1845-1861.	1.2	4
157	Local meridional circulation changes contribute to a projected slowdown of the Indian Ocean Walker circulation. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	4
158	Comparison of Scan-Angle Method and Convective Cloud Differential Method in Retrieving Tropospheric Ozone from TOMS. <i>Environmental Monitoring and Assessment</i> , 2004, 92, 25-33.	1.3	3
159	Implementation of turbulent mixing over a stratocumulus-topped boundary layer and its impact in a GCM. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 995-1004.	1.9	3
160	Impact of different diffusion schemes on simulated rainfall: Land-ocean contrast. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	3
161	Combined Effects of Blocking and AO on a Prolonged Snowstorm in Jeju Island. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2019, 55, 401-414.	1.3	3
162	Observation and Analysis of Turbulent Fluxes Observed at leodo Ocean Research Station in Autumn 2014. <i>Atmosphere</i> , 2015, 25, 707-718.	0.3	3

#	ARTICLE	IF	CITATIONS
163	Midlatitude mixed-phase stratocumulus clouds and their interactions with aerosols: how ice processes affect microphysical, dynamic, and thermodynamic development in those clouds and interactions?. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 16843-16868.	1.9	3
164	Physical Processes in Sea Fog Formation and Characteristics of Turbulent Air-Sea Fluxes at Socheongcho Ocean Research Station in the Yellow Sea. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	3
165	Association between tropical convection and boreal wintertime extratropical circulation in 1982/83 and 1988/89. <i>Advances in Atmospheric Sciences</i> , 2003, 20, 593-603.	1.9	2
166	Distinguishing changes in the Hadley circulation edge. <i>Theoretical and Applied Climatology</i> , 2020, 139, 1007-1017.	1.3	2
167	Abnormal Activities of Tropical Cyclones in 2019 Over the Korean Peninsula. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090784.	1.5	2
168	Multifaceted Intraseasonal Modes in the East Asian-Western North Pacific Summer Monsoon Climate. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2021, , 37-47.	0.2	1
169	Editorial: The Asian Monsoon. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	1
170	Future change of Asian-Australian monsoon under RCP 4.5 anthropogenic warming scenario. , 2014, 42, 83.		1
171	Designing of Conceptual Models on Typhoon and Changma Utilizing GK-2A Satellite Data. <i>Atmosphere</i> , 2016, 26, 215-226.	0.3	1
172	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). <i>Atmosphere</i> , 2016, 26, 635-647.	0.3	1
173	Statistical estimation of crop yields for the Midwestern United States using satellite images, climate datasets, and soil property maps. <i>Korean Journal of Remote Sensing</i> , 2016, 32, 383-401.	0.4	1
174	Future Change Using the CMIP5 MME and Best Models: I. Near and Long Term Future Change of Temperature and Precipitation over East Asia. <i>Atmosphere</i> , 2014, 24, 403-417.	0.3	1
175	Mean Meridional Circulation-Eddy Interaction in Three Reanalysis Data Sets during the Boreal Winter. <i>Atmosphere</i> , 2015, 25, 543-557.	0.3	1
176	Comparison of two different vertical diffusion schemes in amplitude and phase of the diurnal variation and its impact on a GCM. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	0
177	Monsoons. <i>Atmosphere</i> , 2019, 10, 147.	1.0	0
178	A Case Study on the Development of an Elevated Subsidence Inversion Over a Surface Low Pressure System. <i>Journal of the Korean Earth Science Society</i> , 2010, 31, 531-538.	0.0	0
179	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. <i>Atmosphere</i> , 2015, 25, 249-260.	0.3	0
180	Eddy Momentum, Heat, and Moisture Transports During the Boreal Winter: Three Reanalysis Data Comparison. <i>Atmosphere</i> , 2016, 26, 649-663.	0.3	0

#	ARTICLE	IF	CITATIONS
181	Production of Daily Mean Temperature Ensemble from the CMIP GCM Using EBMA. Journal of Climate Research, 2017, 12, 199-213.	0.1	0
182	A Deep Neural Network Approach to Prediction of Rice Yields in China. Journal of Climate Research, 2020, 15, 35-47.	0.1	0
183	Preface to the Special Issue: Climate Change and Variability of Tropical Cyclone Activity. Advances in Atmospheric Sciences, 2022, 39, 203-204.	1.9	0
184	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