Hiroshi G G Takahashi

List of Publications by Year
in descending order

48	1,121	471509 17	434195 31
papers	citations	h-index	g-index

55	55	55	1327
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Annual water balance and seasonality of evapotranspiration in a Bornean tropical rainforest. Agricultural and Forest Meteorology, 2005, 128, 81-92.	4.8	166
2	A 20-Year Climatology of a NICAM AMIP-Type Simulation. Journal of the Meteorological Society of Japan, 2015, 93, 393-424.	1.8	104
3	Long-term trends and variability of rainfall extremes in the Philippines. Atmospheric Research, 2014, 137, 1-13.	4.1	78
4	A Climatological Monsoon Break in Rainfall over Indochinaâ€"A Singularity in the Seasonal March of the Asian Summer Monsoon. Journal of Climate, 2006, 19, 1545-1556.	3.2	77
5	Role of Tropical Cyclones along the Monsoon Trough in the 2011 Thai Flood and Interannual Variability. Journal of Climate, 2015, 28, 1465-1476.	3.2	50
6	Assessment of the Diurnal Cycle of Precipitation over the Maritime Continent Simulated by a 20 km Mesh GCM Using TRMM PR Data. Journal of the Meteorological Society of Japan, 2009, 87A, 413-424.	1.8	44
7	Asian summer monsoon simulated by a global cloudâ€systemâ€resolving model: Diurnal to intraâ€seasonal variability. Geophysical Research Letters, 2009, 36, .	4.0	42
8	Decreasing Trend in Rainfall over Indochina during the Late Summer Monsoon: Impact of Tropical Cyclones. Journal of the Meteorological Society of Japan, 2008, 86, 429-438.	1.8	40
9	Highâ€resolution modelling of the potential impact of land surface conditions on regional climate over Indochina associated with the diurnal precipitation cycle. International Journal of Climatology, 2010, 30, 2004-2020.	3.5	38
10	Impact of Initialized Land Surface Temperature and Snowpack on Subseasonal to Seasonal Prediction Project, Phase I (LS4P-I): organization and experimental design. Geoscientific Model Development, 2021, 14, 4465-4494.	3.6	31
11	Potential Impact of Sea Surface Temperature on Winter Precipitation over the Japan Sea Side of Japan: A Regional Climate Modeling Study. Journal of the Meteorological Society of Japan, 2013, 91, 471-488.	1.8	29
12	Hydrological response to future climate change in the Agano River basin, Japan. Hydrological Research Letters, 2010, 4, 25-29.	0.5	29
13	Potential impact of sea surface temperature on rainfall over the western Philippines. Progress in Earth and Planetary Science, 2017, 4, .	3.0	25
14	Long-term changes in rainfall and tropical cyclone activity over South and Southeast Asia. Advances in Geosciences, 0, 30, 17-22.	12.0	25
15	Highâ€resolution regional climate simulations of the longâ€term decrease in September rainfall over Indochina. Atmospheric Science Letters, 2009, 10, 14-18.	1.9	22
16	Recent decadal enhancement of Meiyuâ€"Baiu heavy rainfall over East Asia. Scientific Reports, 2021, 11, 13665.	3.3	20
17	Seasonal and Diurnal Variations in Rainfall Characteristics over the Tropical Asian Monsoon Region Using TRMM-PR Data. Scientific Online Letters on the Atmosphere, 2016, 12A, 22-27.	1.4	19
18	4-year Climatology of Global Drop Size Distribution and its Seasonal Variability Observed by Spaceborne Dual-frequency Precipitation Radar. Journal of the Meteorological Society of Japan, 2020, 98, 755-773.	1.8	19

#	Article	IF	Citations
19	The Impact of Long-lasting Northerly Surges of the East Asian Winter Monsoon on Tropical Cyclogenesis and its Seasonal March. Journal of the Meteorological Society of Japan, 2011, 89A, 181-200.	1.8	18
20	Effects of Convection Representation and Model Resolution on Diurnal Precipitation Cycle Over the Indian Monsoon Region: Toward a Convectionâ€Permitting Regional Climate Simulation. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032150.	3.3	18
21	Effect of Spatial Resolution and Cumulus Parameterization on Simulated Precipitation over South Asia. Scientific Online Letters on the Atmosphere, 2016, 12A, 7-12.	1.4	17
22	Impact of SST on Precipitation and Snowfall on the Sea of Japan Side in the Winter Monsoon Season: Timescale Dependency. Journal of the Meteorological Society of Japan, 2013, 91, 639-653.	1.8	17
23	Projected Trends in Interannual Variation in Summer Seasonal Precipitation and Its Extremes over the Tropical Asian Monsoon Regions in CMIP5. Journal of Climate, 2018, 31, 8421-8439.	3.2	15
24	How have both cultivation and warming influenced annual global isoprene and monoterpene emissions since the preindustrial era?. Atmospheric Chemistry and Physics, 2012, 12, 9703-9718.	4.9	14
25	Impact of historical land-use changes on the Indian summer monsoon onset. International Journal of Climatology, 2015, 35, 2419-2430.	3.5	12
26	Response of the atmospheric hydrological cycle over the tropical Asian monsoon regions to anthropogenic aerosols and its seasonality. Progress in Earth and Planetary Science, 2018, 5, .	3.0	12
27	Weakening of rainfall intensity on wet soils over the wet Asian monsoon region using a high-resolution regional climate model. Progress in Earth and Planetary Science, 2019, 6, .	3.0	12
28	Orographic low-level clouds of Southeast Asia during the cold surges of the winter monsoon. Atmospheric Research, 2013, 131, 22-33.	4.1	10
29	An Oceanic Impact of the Kuroshio on Surface Air Temperature on the Pacific Coast of Japan in Summer: Regional H2O Greenhouse Gas Effect. Journal of Climate, 2015, 28, 7128-7144.	3.2	10
30	Seasonal Differences in Precipitation Sensitivity to Soil Moisture in Bangladesh and Surrounding Regions. Journal of Climate, 2017, 30, 921-938.	3.2	10
31	The effect of urbanization on temperature indices in the Philippines. International Journal of Climatology, 2022, 42, 850-867.	3.5	9
32	Diurnal cycle of precipitation over the eastern Indian Ocean off Sumatra Island during different phases of Indian Ocean Dipole. Atmospheric Science Letters, 2013, 14, 153-159.	1.9	8
33	Modification of Nearâ€Surface Temperature Over East Asia Associated With Localâ€Scale Paddy Irrigation. Journal of Geophysical Research D: Atmospheres, 2019, 124, 2665-2676.	3.3	8
34	Response of the Asian Summer Monsoon Precipitation to Global Warming in a High-Resolution Global Nonhydrostatic Model. Journal of Climate, 2020, 33, 8147-8164.	3.2	8
35	Longâ€term variation of winter precipitation linked to seaâ€surface heat fluxes around the Japan/East Sea. Atmospheric Science Letters, 2014, 15, 275-281.	1.9	7
36	Seasonal transition of precipitation characteristics associated with land surface conditions in and around Bangladesh. Journal of Geophysical Research D: Atmospheres, 2016, 121, 11,190-11,200.	3.3	7

#	Article	IF	Citations
37	Longâ€term trends in snowfall characteristics and extremes in Japan from 1961 to 2012. International Journal of Climatology, 2021, 41, 2316-2329.	3.5	7
38	Simulating river discharge in a snowy region of Japan using output from a regional climate model. Advances in Geosciences, 0, 35, 55-60.	12.0	7
39	Seasonal changes in diurnal rainfall cycle over and around the Indochina Peninsula observed by TRMM-PR. Advances in Geosciences, 0, 25, 23-28.	12.0	6
40	Relationship between Sea Surface Temperature and Rainfall in the Philippines during the Asian Summer Monsoon. Journal of the Meteorological Society of Japan, 2018, 96, 283-290.	1.8	5
41	Cloud-resolving-model simulations of nocturnal precipitation over the Himalayan slopes and foothills. Journal of Hydrometeorology, 2021, , .	1.9	5
42	Impact of highâ€resolution sea surface temperature and urban data on estimations of surface air temperature in a regional climate. Journal of Geophysical Research D: Atmospheres, 2016, 121, 10,486.	3.3	4
43	Asymmetrical Interannual Variation in Aerosol Optical Depth over the Tropics in Terms of Aerosol-Cloud Interaction. Scientific Online Letters on the Atmosphere, 2014, 10, 185-189.	1.4	4
44	Earlier Leaf Flush Associated with Increased Teak Defoliation. Forest Science, 2015, 61, 1009-1020.	1.0	3
45	A Systematic Tropospheric Dry Bias in the Tropics in CMIP5 Models: Relationship between Water Vapor and Rainfall Characteristics. Journal of the Meteorological Society of Japan, 2018, 96, 415-423.	1.8	2
46	Impact of Sea Surface Temperature near Japan on the Extra-Tropical Cyclone Induced Heavy Snowfall in Tokyo by a Regional Atmospheric Model. Scientific Online Letters on the Atmosphere, 2020, 16, 206-211.	1.4	2
47	Longâ€term changes in spatially coherent extreme precipitation systems over Central India. Atmospheric Science Letters, 2022, 23, .	1.9	1
48	Role of Oceanic Memory Effects in the Barents Sea in the Seasonal Linkage Between the Winter and Summer Arctic Oscillation. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034799.	3.3	0