Hiroaki Ueda

List of Publications by Year
in descending order

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46 papers	2,189 citations	257450 24 h-index	223800 46 g-index
46 all docs	46 docs citations	46 times ranked	2331 citing authors

#	Article	IF	Citations
1	Impact of anthropogenic forcing on the Asian summer monsoon as simulated by eight GCMs. Geophysical Research Letters, 2006, 33, .	4.0	213
2	Role of Nonlinear Atmospheric Response to SST on the Asymmetric Transition Process of ENSO. Journal of Climate, 2009, 22, 177-192.	3.2	141
3	Abrupt Seasonal Change of Large-Scale Convective Activity over the Western Pacific in the Northern Summer. Journal of the Meteorological Society of Japan, 1995, 73, 795-809.	1.8	136
4	Intermodel variability of future changes in the Baiu rainband estimated by the pseudo global warming downscaling method. Journal of Geophysical Research, 2009, 114, .	3.3	132
5	Challenges in quantifying Pliocene terrestrial warming revealed by dataâ€“model discord. Nature Climate Change, 2013, 3, 969-974.	18.8	132
6	Sea Surface Temperature of the mid-Piacenzian Ocean: A Data-Model Comparison. Scientific Reports, 2013, 3, 2013.	3.3	124
7	A Proposed Mechanism for the Asymmetric Duration of El NiÃ±o and La NiÃ±a. Journal of Climate, 2011, 24, 3822-3829.	3.2	111
8	Role of Warming over the Tibetan Plateau in Early Onset of the Summer Monsoon over the Bay of Bengal and the South China Sea. Journal of the Meteorological Society of Japan, 1998, 76, 1-12.	1.8	99
9	Maturing Process of the Summer Monsoon over the Western North Pacific : A Coupled Ocean/Atmosphere System. Journal of the Meteorological Society of Japan, 1996, 74, 493-508.	1.8	81
10	Atmospheric Rivers over the Northwestern Pacific: Climatology and Interannual Variability. Journal of Climate, 2017, 30, 5605-5619.	3.2	80
11	An Impact of SST Anomalies in the Indian Ocean in Acceleration of the El Nino to La Nina Transition. Journal of the Meteorological Society of Japan, 2007, 85, 335-348.	1.8	76
12	Seasonal Contrasting Features of Heat and Moisture Budgets between the Eastern and Western Tibetan Plateau during the GAME IOP. Journal of Climate, 2003, 16, 2309-2324.	3.2	66
13	Projected Future Changes in the Asian Monsoon: A Comparison of CMIP3 and CMIP5 Model Results. Journal of the Meteorological Society of Japan, 2014, 92, 207-225.	1.8	63
14	A Possible Triggering Process of East-West Asymmetric Anomalies over the Indian Ocean in Relation to 1997/98 El Niño. Journal of the Meteorological Society of Japan, 2000, 78, 803-818.	1.8	56
15	Combined effects of recent Pacific cooling and Indian Ocean warming on the Asian monsoon. Nature Communications, 2015, 6, 8854.	12.8	54
16	Seasonal transition of predominant precipitation type and lightning activity over tropical monsoon areas derived from TRMM observations. Geophysical Research Letters, 2005, 32, n/a-n/a.	4.0	53
17	A Role of Zonal Gradient of SST between the Indian Ocean and the Western Pacific in Localized Convection around the Philippines. Scientific Online Letters on the Atmosphere, 2006, 2, 176-179.	1.4	51
18	Important Factors for the Development of the Asianâ€“Northwest Pacific Summer Monsoon*. Journal of Climate, 2009, 22, 649-669.	3.2	50

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19	A Unique Feature of the Asian Summer Monsoon Response to Global Warming: The Role of Different Landâ€“Sea Thermal Contrast Change between the Lower and Upper Troposphere. Scientific Online Letters on the Atmosphere, 2018, 14, 57-63.	1.4	39
20	Simulation of Asymmetric ENSO Transition in WCRP CMIP3 Multimodel Experiments. Journal of Climate, 2010, 23, 6051-6067.	3.2	32
21	Atlantic effects on recent decadal trends in global monsoon. Climate Dynamics, 2017, 49, 3443-3455.	3.8	32
22	Climatology of Warm Rain and Associated Latent Heating Derived from TRMM PR Observations. Journal of Climate, 2009, 22, 4908-4929.	3.2	30
23	Hadley and Walker Circulations in the Mid-Pliocene Warm Period Simulated by an Atmospheric General Circulation Model. Journal of the Meteorological Society of Japan, 2011, 89, 475-493.	1.8	30
24	Snowfall variations in Japan and its linkage with tropical forcing. International Journal of Climatology, 2015, 35, 991-998.	3.5	29
25	Evaluation for the Seasonal Evolution of the Summer Monsoon over the Asian and Western North Pacific Sector in the WCRP CMIP3 Multi-model Experiments. Journal of the Meteorological Society of Japan, 2009, 87, 539-560.	1.8	25
26	Sensitivity of Pliocene climate simulations in MRI-CGCM2.3 to respective boundary conditions. Climate of the Past, 2016, 12, 1619-1634.	3.4	24
27	A GCM Study on Effects of Continental Drift on Tropical Climate at the Early and Late Cretaceous. Journal of the Meteorological Society of Japan, 2010, 88, 869-881.	1.8	23
28	Basin-wide Warming in the Equatorial Indian Ocean Associated with El Nino. Scientific Online Letters on the Atmosphere, 2005, 1, 89-92.	1.4	21
29	Forced response and internal variability of summer climate over western North America. Climate Dynamics, 2017, 49, 403-417.	3.8	19
30	Air-Sea Coupled Process Involved in Stepwise Seasonal Evolution of the Asian Summer Monsoon. Geographical Review of Japan, 2005, 78, 825-841.	0.1	19
31	Recent slowdown of tropical upper tropospheric warming associated with Pacific climate variability. Geophysical Research Letters, 2015, 42, 2995-3003.	4.0	18
32	Robust cloud feedback over tropical land in a warming climate. Journal of Geophysical Research D: Atmospheres, 2016, 121, 2593-2609.	3.3	17
33	Impacts of Seasonal Transitions of ENSO on Atmospheric River Activity over East Asia. Journal of the Meteorological Society of Japan, 2020, 98, 655-668.	1.8	15
34	Summertime anomalous warming over the midlatitude western North Pacific and its relationships to the modulation of the Asian monsoon. International Journal of Climatology, 2004, 24, 1109-1120.	3.5	13
35	Seasonal Modulation of Tropical Cyclone Occurrence Associated with Coherent Indo-Pacific Variability during Decaying Phase of El NiÃ±o. Journal of the Meteorological Society of Japan, 2018, 96, 381-390.	1.8	13
36	Seasonally asymmetric transition of the Asian monsoon in response to ice age boundary conditions. Climate Dynamics, 2011, 37, 2167-2179.	3.8	12

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37	Delay of the Baiu Withdrawal in Japan under Global Warming Condition with Relevance to Warming Patterns of SST. Journal of the Meteorological Society of Japan, 2012, 90, 855-868.	1.8	10
38	Seasonally Different Response of the Indian Ocean to the Remote Forcing of El Nino: Linking the Dynamics and Thermodynamics. Scientific Online Letters on the Atmosphere, 2009, 5, 176-179.	1.4	9
39	Enhanced Subtropical Anticyclone over the Indoâ€“Pacific Ocean Associated with Stagnation of the Meiyuâ€“Baiu Rainband during Summer, 2020. Scientific Online Letters on the Atmosphere, 2021, 17B, 14-18.	1.4	7
40	South-coast cyclone in Japan during El NiÃ±o-caused warm winters. Asia-Pacific Journal of Atmospheric Sciences, 2017, 53, 287-293.	2.3	6
41	Seasonal modulation of the Asian summer monsoon between the Medieval Warm Period and Little Ice Age: a multi model study. Progress in Earth and Planetary Science, 2017, 4, .	3.0	6
42	Equatorial Monsoon System as Regulation for a Dipole Mode in the Indian Ocean.. Papers in Meteorology and Geophysics, 2001, 51, 147-154.	0.9	6
43	Anomalous Warm Winter 2019/2020 over East Asia Associated with Trans-basin Indo-Pacific Connections. Scientific Online Letters on the Atmosphere, 2021, 17B, 9-13.	1.4	5
44	Cloud Properties over the Bay of Bengal Derived from NOAA-9 Split Window Data and the TRMM PR Product. Scientific Online Letters on the Atmosphere, 2006, 2, 41-44.	1.4	5
45	Evaluation of Simulated Climate in Lower Latitude Regions during the Mid-Pliocene Warm Period Using Paleovegetation Data. Scientific Online Letters on the Atmosphere, 2011, 7, 177-180.	1.4	4
46	Evaluation of the maximum number of switching gates for CMOS circuits. Systems and Computers in Japan, 1995, 26, 15-25.	0.2	2