Ming-Cheng Yen

List of Publications by Year
in descending order

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64	1,996	236925	254184
papers	citations	25 h-index	43 g-index

65	65	65	1716
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An overview of regional experiments on biomass burning aerosols and related pollutants in Southeast Asia: From BASE-ASIA and the Dongsha Experiment to 7-SEAS. Atmospheric Environment, 2013, 78, 1-19.	4.1	166
2	Variation of the East Asian Summer Monsoon Rainfall*. Journal of Climate, 2004, 17, 744-762.	3.2	165
3	Interannual Variation of the Tropical Cyclone Activity over the Western North Pacific. Journal of Climate, 2006, 19, 5709-5720.	3.2	115
4	Interaction between the Summer Monsoons in East Asia and the South China Sea: Intraseasonal Monsoon Modes. Journals of the Atmospheric Sciences, 2000, 57, 1373-1392.	1.7	104
5	An East Asian Cold Surge: Case Study. Monthly Weather Review, 2002, 130, 2271-2290.	1.4	82
6	Role of the Monsoon Gyre in the Interannual Variation of Tropical Cyclone Formation over the Western North Pacific. Weather and Forecasting, 2004, 19, 776-785.	1.4	82
7	Enhancement of Afternoon Thunderstorm Activity by Urbanization in a Valley: Taipei. Journal of Applied Meteorology and Climatology, 2007, 46, 1324-1340.	1.5	79
8	Diurnal and Seasonal Variations of the Rainfall Measured by the Automatic Rainfall and Meteorological Telemetry System in Taiwan. Bulletin of the American Meteorological Society, 1999, 80, 2299-2312.	3.3	78
9	Impact of the Intraseasonal Variability of the Western North Pacific Large-Scale Circulation on Tropical Cyclone Tracks. Weather and Forecasting, 2009, 24, 646-666.	1.4	75
10	Interannual Variation of the Late Fall Rainfall in Central Vietnam. Journal of Climate, 2012, 25, 392-413.	3.2	74
11	Interannual Variation of the Indian Monsoon Simulated by the NCAR Community Climate Model: Effect of the Tropical Pacific SST. Journal of Climate, 1994, 7, 1403-1415.	3.2	65
12	Climate and weather characteristics in association with the active fires in northern Southeast Asia and spring air pollution in Taiwan during 2010 7-SEAS/Dongsha Experiment. Atmospheric Environment, 2013, 78, 35-50.	4.1	65
13	The Water Vapor Transport Associated with the 30â€“50 Day Oscillation over the Asian Monsoon Regions during 1979 Summer. Monthly Weather Review, 1988, 116, 1983-2002.	1.4	53
14	Interannual Variation of the Fall Rainfall in Central Vietnam. Journal of the Meteorological Society of Japan, 2011, 89A, 259-270.	1.8	53
15	Development and Life Cycle of the Indian Monsoon: Effect of the 30â€“50 Day Oscillation. Monthly Weather Review, 1988, 116, 2183-2199.	1.4	52
16	Satellite-Surface Perspectives of Air Quality and Aerosol-Cloud Effects on the Environment: An Overview of 7-SEAS/BASELInE. Aerosol and Air Quality Research, 2016, 16, 2581-2602.	2.1	52
17	Seasonal variation of the rainfall over Taiwan. International Journal of Climatology, 2000, 20, 803-809.	3.5	46
18	The Effect of Tropical Cyclones on Southwest Monsoon Rainfall in the Philippines. Journal of the Meteorological Society of Japan, 2011, 89A, 123-139.	1.8	44

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19	The Winter Rainfall of Malaysia. Journal of Climate, 2013, 26, 936-958.	3.2	42
20	Transport characteristics of Chinese haze over Northern Taiwan in winter, 2005â€“2014. Atmospheric Environment, 2016, 126, 76-86.	4.1	40
21	Interannual Variation of the Late Springâ€“Early Summer Monsoon Rainfall in the Northern Part of the South China Sea. Journal of Climate, 2011, 24, 4295-4313.	3.2	31
22	Changes in the Atmospheric Circulation over the North Pacific-North America Area since 1950. Journal of the Meteorological Society of Japan, 1992, 70, 1137-1146.	1.8	30
23	Are Tropical Cyclones Less Effectively Formed by Easterly Waves in the Western North Pacific than in the North Atlantic?. Monthly Weather Review, 2008, 136, 4527-4540.	1.4	30
24	The 40â€“50 Day Oscillation of the Low-Level Monsoon Circulation over the Indian Ocean. Monthly Weather Review, 1986, 114, 2550-2570.	1.4	28
25	Interannual variation of springtime biomass burning in Indochina: Regional differences, associated atmospheric dynamical changes, and downwind impacts. Journal of Geophysical Research D: Atmospheres, 2016, 121, 10016-10028.	3.3	25
26	Synoptic Development of the Hanoi Heavy Rainfall Event of 30â€“31 October 2008: Multiple-Scale Processes. Monthly Weather Review, 2012, 140, 1219-1240.	1.4	24
27	Simulating the transport and chemical evolution of biomass burning pollutants originating from Southeast Asia during 7-SEAS/2010 Dongsha experiment. Atmospheric Environment, 2015, 112, 294-305.	4.1	22
28	Sudden Surface Warmingâ€“Drying Events Caused by Typhoon Passages across Taiwan*. Journal of Applied Meteorology and Climatology, 2010, 49, 234-252.	1.5	21
29	A study of the diabiatic heating associated with the Maddenâ€Julian oscillation. Journal of Geophysical Research, 1991, 96, 13163-13177.	3.3	19
30	Interdecadal Variation of the Southern Hemisphere Circulation. Journal of Climate, 1997, 10, 805-812.	3.2	19
31	Impact of Afternoon Thunderstorms on the Landâ€“Sea Breeze in the Taipei Basin during Summer: An Experiment. Journal of Applied Meteorology and Climatology, 2014, 53, 1714-1738.	1.5	19
32	The Simulation of Long-Range Transport of Biomass Burning Plume and Short-Range Transport of Anthropogenic Pollutants to a Mountain Observatory in East Asia during the 7-SEAS/2010 Dongsha Experiment. Aerosol and Air Quality Research, 2016, 16, 2933-2949.	2.1	16
33	Intraseasonal variations of the tropical easterly jet during the 1979 northern summer. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 43, 213.	1.7	13
34	Influence of regional climate change on meteorological characteristics and their subsequent effect on ozone dispersion in Taiwan. Atmospheric Environment, 2015, 103, 66-81.	4.1	13
35	Forecast Advisory for the Late Fall Heavy Rainfall/Flood Event in Central Vietnam Developed from Diagnostic Analysis. Weather and Forecasting, 2012, 27, 1155-1177.	1.4	12
36	Interannual Variation of the Winter Rainfall in Malaysia Caused by the Activity of Rain-Producing Disturbances. Journal of Climate, 2013, 26, 4630-4648.	3.2	11

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37	Formation of the Philippine Twin Tropical Cyclones during the 2008 Summer Monsoon Onset. Weather and Forecasting, 2010, 25, 1317-1341.	1.4	10
38	A Revisit of the Tropical-midlatitude Interaction in East Asia Caused by Cold Surges.. Journal of the Meteorological Society of Japan, 2002, 80, 1115-1128.	1.8	10
39	Dynamic Aspects of the Southern-Hemisphere Medium-Scale Waves during the Southern Summer Season. Journal of the Meteorological Society of Japan, 1987, 65, 401-421.	1.8	8
40	The Effect of the Divergent Circulation on Some Aspects of the 1978/79 Southern Hemisphere Monsoon. Journal of Climate, 1989, 2, 1270-1288.	3.2	8
41	Interannual Variation of Summertime Stationary Eddies. Journal of Climate, 1993, 6, 2263-2277.	3.2	8
42	Influences of the Long-Range Transport of Biomass-Burning Pollutants on Surface Air Quality during 7-SEAS Field Campaigns. Aerosol and Air Quality Research, 2017, 17, 2595-2607.	2.1	8
43	Intraseasonal variations of the tropical easterly jet during the 1979 northern summer. Tellus, Series A: Dynamic Meteorology and Oceanography, 1991, 43, 213-225.	1.7	7
44	Hydrologic Processes Associated with Cyclone Systems over the United States. Bulletin of the American Meteorological Society, 1996, 77, 1557-1567.	3.3	7
45	An Observational Study of the Tropical-Subtropical Semiannual Oscillation. Journal of Climate, 1996, 9, 1993-2002.	3.2	7
46	Terrain Effects on an Afternoon Heavy Rainfall Event, Observed over Northern Taiwan on 20 June 2000 during Monsoon Break. Journal of the Meteorological Society of Japan, 2010, 88, 649-671.	1.8	7
47	Diurnal Variation of Pressure-Heights: A Vertical Phase Shift. Journal of Climate, 2001, 14, 3793-3797.	3.2	6
48	Annual Variation of Surface Pressure on a High East Asian Mountain and Its Surrounding Low Areas. Journal of Climate, 1999, 12, 2711-2716.	3.2	5
49	Study on the impact of three Asian industrial regions on PM_{2.5} in Taiwan and the process analysis during transport. Atmospheric Chemistry and Physics, 2020, 20, 14947-14967.	4.9	5
50	Detection of stratospheric intrusion events and their role in ozone enhancement at a mountain background site in sub-tropical East Asia. Atmospheric Environment, 2022, 268, 118779.	4.1	5
51	Summer Upperâ€“Level Vortex over the North Pacific. Bulletin of the American Meteorological Society, 2001, 82, 1991-2006.	3.3	4
52	Impact of equatorial and continental airflow on primary greenhouse gases in the northern South China Sea. Environmental Research Letters, 2015, 10, 065005.	5.2	4
53	Interannual Variation of Global Atmospheric Angular Momentum. Journals of the Atmospheric Sciences, 1996, 53, 2852-2857.	1.7	4
54	A Note on the Kinetic Energy Budget Anaysis of the Atmospheric Baroclinic and Barotropic Flows. Journal of the Meteorological Society of Japan, 1985, 63, 685-693.	1.8	3

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55	Long-range prediction of the low-frequency mode in the low-level Indian monsoon circulation with a simple statistical method. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 44, 324.	1.7	3
56	Roll Clouds Associated with an East Asian Cold Front. Bulletin of the American Meteorological Society, 1999, 80, 2199-2208.	3.3	3
57	Fire Nature of a Subtropical Maritime Island in East Asia: Taiwan. Journal of Applied Meteorology and Climatology, 2004, 43, 537-547.	1.7	2
58	Interannual variation of the diurnal convection cycle in the western North Pacific. Meteorology and Atmospheric Physics, 2005, 90, 67-75.	2.0	2
59	The Second Rainy Stage Onset in the Central Highlands of Vietnam. Geophysical Research Letters, 2021, 48, e2021GL093107.	4.0	2
60	Long-range prediction of the low-frequency mode in the low-level Indian monsoon circulation with a simple statistical method. Tellus, Series A: Dynamic Meteorology and Oceanography, 1992, 44, 324-330.	1.7	1
61	The vertical structure of diabatic heating associated with the Maddenâ€Julian oscillation simulated by the Goddard Laboratory for Atmospheres climate model. Journal of Geophysical Research, 1993, 98, 8801-8813.	3.3	1
62	A complementary depiction of the interannual variation of atmospheric circulation associated with ENSO events: Research note. Atmosphere - Ocean, 1996, 34, 417-433.	1.6	1
63	On the Fire Nature of a Subtropical Maritime Island in East Asia: Taiwan. Journal of Applied Meteorology and Climatology, 2005, 44, 1274-1275.	1.7	0
64	Genesis and Development of Spring Rainstorms in Northern Southeast Asia: Southwest Chinaâ€“Northern Indochina and the Northern South China Sea. Monthly Weather Review, 2017, 145, 4949-4976.	1.4	0