

Ming-Cheng Yen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1366513/publications.pdf>

Version: 2024-02-01

64
papers

1,996
citations

236925

25
h-index

254184

43
g-index

65
all docs

65
docs citations

65
times ranked

1716
citing authors

#	ARTICLE	IF	CITATIONS
1	Intraseasonal variations of the tropical easterly jet during the 1979 northern summer. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 43, 213.	1.7	13
2	Long-range prediction of the low-frequency mode in the low-level Indian monsoon circulation with a simple statistical method. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 44, 324.	1.7	3
3	Detection of stratospheric intrusion events and their role in ozone enhancement at a mountain background site in sub-tropical East Asia. <i>Atmospheric Environment</i> , 2022, 268, 118779.	4.1	5
4	The Second Rainy Stage Onset in the Central Highlands of Vietnam. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093107.	4.0	2
5	Study on the impact of three Asian industrial regions on PM _{2.5} in Taiwan and the process analysis during transport. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14947-14967.	4.9	5
6	Genesis and Development of Spring Rainstorms in Northern Southeast Asia: Southwest China–Northern Indochina and the Northern South China Sea. <i>Monthly Weather Review</i> , 2017, 145, 4949-4976.	1.4	0
7	Influences of the Long-Range Transport of Biomass-Burning Pollutants on Surface Air Quality during 7-SEAS Field Campaigns. <i>Aerosol and Air Quality Research</i> , 2017, 17, 2595-2607.	2.1	8
8	Interannual variation of springtime biomass burning in Indochina: Regional differences, associated atmospheric dynamical changes, and downwind impacts. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 10016-10028.	3.3	25
9	Transport characteristics of Chinese haze over Northern Taiwan in winter, 2005–2014. <i>Atmospheric Environment</i> , 2016, 126, 76-86.	4.1	40
10	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. <i>Aerosol and Air Quality Research</i> , 2016, 16, 2933-2949.	2.1	16
11	Satellite-Surface Perspectives of Air Quality and Aerosol-Cloud Effects on the Environment: An Overview of 7-SEAS/BASELInE. <i>Aerosol and Air Quality Research</i> , 2016, 16, 2581-2602.	2.1	52
12	Simulating the transport and chemical evolution of biomass burning pollutants originating from Southeast Asia during 7-SEAS/2010 Dongsha experiment. <i>Atmospheric Environment</i> , 2015, 112, 294-305.	4.1	22
13	Impact of equatorial and continental airflow on primary greenhouse gases in the northern South China Sea. <i>Environmental Research Letters</i> , 2015, 10, 065005.	5.2	4
14	Influence of regional climate change on meteorological characteristics and their subsequent effect on ozone dispersion in Taiwan. <i>Atmospheric Environment</i> , 2015, 103, 66-81.	4.1	13
15	Impact of Afternoon Thunderstorms on the Land–Sea Breeze in the Taipei Basin during Summer: An Experiment. <i>Journal of Applied Meteorology and Climatology</i> , 2014, 53, 1714-1738.	1.5	19
16	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. <i>Atmospheric Environment</i> , 2013, 78, 1-19.	4.1	166
17	Interannual Variation of the Winter Rainfall in Malaysia Caused by the Activity of Rain-Producing Disturbances. <i>Journal of Climate</i> , 2013, 26, 4630-4648.	3.2	11
18	The Winter Rainfall of Malaysia. <i>Journal of Climate</i> , 2013, 26, 936-958.	3.2	42

#	ARTICLE	IF	CITATIONS
19	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. <i>Atmospheric Environment</i> , 2013, 78, 35-50.	4.1	65
20	Interannual Variation of the Late Fall Rainfall in Central Vietnam. <i>Journal of Climate</i> , 2012, 25, 392-413.	3.2	74
21	Synoptic Development of the Hanoi Heavy Rainfall Event of 30 th –31 October 2008: Multiple-Scale Processes. <i>Monthly Weather Review</i> , 2012, 140, 1219-1240.	1.4	24
22	Forecast Advisory for the Late Fall Heavy Rainfall/Flood Event in Central Vietnam Developed from Diagnostic Analysis. <i>Weather and Forecasting</i> , 2012, 27, 1155-1177.	1.4	12
23	The Effect of Tropical Cyclones on Southwest Monsoon Rainfall in the Philippines. <i>Journal of the Meteorological Society of Japan</i> , 2011, 89A, 123-139.	1.8	44
24	Interannual Variation of the Late Spring th –Early Summer Monsoon Rainfall in the Northern Part of the South China Sea. <i>Journal of Climate</i> , 2011, 24, 4295-4313.	3.2	31
25	Interannual Variation of the Fall Rainfall in Central Vietnam. <i>Journal of the Meteorological Society of Japan</i> , 2011, 89A, 259-270.	1.8	53
26	Sudden Surface Warming th –Drying Events Caused by Typhoon Passages across Taiwan*. <i>Journal of Applied Meteorology and Climatology</i> , 2010, 49, 234-252.	1.5	21
27	Formation of the Philippine Twin Tropical Cyclones during the 2008 Summer Monsoon Onset. <i>Weather and Forecasting</i> , 2010, 25, 1317-1341.	1.4	10
28	Terrain Effects on an Afternoon Heavy Rainfall Event, Observed over Northern Taiwan on 20 June 2000 during Monsoon Break. <i>Journal of the Meteorological Society of Japan</i> , 2010, 88, 649-671.	1.8	7
29	Impact of the Intraseasonal Variability of the Western North Pacific Large-Scale Circulation on Tropical Cyclone Tracks. <i>Weather and Forecasting</i> , 2009, 24, 646-666.	1.4	75
30	Are Tropical Cyclones Less Effectively Formed by Easterly Waves in the Western North Pacific than in the North Atlantic?. <i>Monthly Weather Review</i> , 2008, 136, 4527-4540.	1.4	30
31	Enhancement of Afternoon Thunderstorm Activity by Urbanization in a Valley: Taipei. <i>Journal of Applied Meteorology and Climatology</i> , 2007, 46, 1324-1340.	1.5	79
32	Interannual Variation of the Tropical Cyclone Activity over the Western North Pacific. <i>Journal of Climate</i> , 2006, 19, 5709-5720.	3.2	115
33	On the Fire Nature of a Subtropical Maritime Island in East Asia: Taiwan. <i>Journal of Applied Meteorology and Climatology</i> , 2005, 44, 1274-1275.	1.7	0
34	Interannual variation of the diurnal convection cycle in the western North Pacific. <i>Meteorology and Atmospheric Physics</i> , 2005, 90, 67-75.	2.0	2
35	Role of the Monsoon Gyre in the Interannual Variation of Tropical Cyclone Formation over the Western North Pacific. <i>Weather and Forecasting</i> , 2004, 19, 776-785.	1.4	82
36	Variation of the East Asian Summer Monsoon Rainfall*. <i>Journal of Climate</i> , 2004, 17, 744-762.	3.2	165

#	ARTICLE	IF	CITATIONS
37	Fire Nature of a Subtropical Maritime Island in East Asia: Taiwan. <i>Journal of Applied Meteorology and Climatology</i> , 2004, 43, 537-547.	1.7	2
38	An East Asian Cold Surge: Case Study. <i>Monthly Weather Review</i> , 2002, 130, 2271-2290.	1.4	82
39	A Revisit of the Tropical-midlatitude Interaction in East Asia Caused by Cold Surges.. <i>Journal of the Meteorological Society of Japan</i> , 2002, 80, 1115-1128.	1.8	10
40	Diurnal Variation of Pressure-Heights: A Vertical Phase Shift. <i>Journal of Climate</i> , 2001, 14, 3793-3797.	3.2	6
41	Summer Upper-Level Vortex over the North Pacific. <i>Bulletin of the American Meteorological Society</i> , 2001, 82, 1991-2006.	3.3	4
42	Interaction between the Summer Monsoons in East Asia and the South China Sea: Intraseasonal Monsoon Modes. <i>Journals of the Atmospheric Sciences</i> , 2000, 57, 1373-1392.	1.7	104
43	Seasonal variation of the rainfall over Taiwan. <i>International Journal of Climatology</i> , 2000, 20, 803-809.	3.5	46
44	Roll Clouds Associated with an East Asian Cold Front. <i>Bulletin of the American Meteorological Society</i> , 1999, 80, 2199-2208.	3.3	3
45	Diurnal and Seasonal Variations of the Rainfall Measured by the Automatic Rainfall and Meteorological Telemetry System in Taiwan. <i>Bulletin of the American Meteorological Society</i> , 1999, 80, 2299-2312.	3.3	78
46	Annual Variation of Surface Pressure on a High East Asian Mountain and Its Surrounding Low Areas. <i>Journal of Climate</i> , 1999, 12, 2711-2716.	3.2	5
47	Interdecadal Variation of the Southern Hemisphere Circulation. <i>Journal of Climate</i> , 1997, 10, 805-812.	3.2	19
48	Hydrologic Processes Associated with Cyclone Systems over the United States. <i>Bulletin of the American Meteorological Society</i> , 1996, 77, 1557-1567.	3.3	7
49	An Observational Study of the Tropical-Subtropical Semiannual Oscillation. <i>Journal of Climate</i> , 1996, 9, 1993-2002.	3.2	7
50	A complementary depiction of the interannual variation of atmospheric circulation associated with ENSO events: Research note. <i>Atmosphere - Ocean</i> , 1996, 34, 417-433.	1.6	1
51	Interannual Variation of Global Atmospheric Angular Momentum. <i>Journals of the Atmospheric Sciences</i> , 1996, 53, 2852-2857.	1.7	4
52	Interannual Variation of the Indian Monsoon Simulated by the NCAR Community Climate Model: Effect of the Tropical Pacific SST. <i>Journal of Climate</i> , 1994, 7, 1403-1415.	3.2	65
53	The vertical structure of diabatic heating associated with the Madden-Julian oscillation simulated by the Goddard Laboratory for Atmospheres climate model. <i>Journal of Geophysical Research</i> , 1993, 98, 8801-8813.	3.3	1
54	Interannual Variation of Summertime Stationary Eddies. <i>Journal of Climate</i> , 1993, 6, 2263-2277.	3.2	8

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	A study of the diabatic heating associated with the Madden-Julian oscillation. Journal of Geophysical Research, 1991, 96, 13163-13177.	3.3	19
58	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
59	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
60	Development and Life Cycle of the Indian Monsoon: Effect of the 30-50 Day Oscillation. Monthly Weather Review, 1988, 116, 2183-2199.	1.4	52
61	The Water Vapor Transport Associated with the 30-50 Day Oscillation over the Asian Monsoon Regions during 1979 Summer. Monthly Weather Review, 1988, 116, 1983-2002.	1.4	53
62	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
63	The 40-50 Day Oscillation of the Low-Level Monsoon Circulation over the Indian Ocean. Monthly Weather Review, 1986, 114, 2550-2570.	1.4	28
64	A Note on the Kinetic Energy Budget Analysis of the Atmospheric Baroclinic and Barotropic Flows. Journal of the Meteorological Society of Japan, 1985, 63, 685-693.	1.8	3