

# Po-Hsiung Lin

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

980  
citations

394286

19  
h-index

434063

31  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1092  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview of Low-Level Jets (LLJs) and Their Roles in Heavy Rainfall over the Taiwan Area during the Early Summer Rainy Season. <i>Meteorology</i> , 2022, 1, 64-112.	0.6	3
2	Ideological and volume politics behind cloud water resource governance – Weather modification in China. <i>Geoforum</i> , 2017, 85, 225-233.	1.4	18
3	A Comparison of Two Heavy Rainfall Events during the Terrain-Influenced Monsoon Rainfall Experiment (TiMREX) 2008. <i>Monthly Weather Review</i> , 2014, 142, 2436-2463.	0.5	33
4	Spatio-Temporal Variation and Monsoon Effect on the Temperature Lapse Rate of a Subtropical Island. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2014, 25, 203.	0.3	17
5	Coldness index does not indicate the upper limit of evergreen broad-leaved forest on a subtropical island. <i>Journal of Forest Research</i> , 2014, 19, 115-124.	0.7	6
6	Enhancement of the hygroscopicity parameter kappa of rural aerosols in northern Taiwan by anthropogenic emissions. <i>Atmospheric Environment</i> , 2014, 84, 78-87.	1.9	23
7	Stratospheric influence on the concentration and seasonal cycle of lower tropospheric ozone: Observation at Mount Hehuan, Taiwan. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 3527-3536.	1.2	9
8	Biogenic isoprene in subtropical urban settings and implications for air quality. <i>Atmospheric Environment</i> , 2013, 79, 369-379.	1.9	53
9	Driftsondes: Providing In Situ Long-Duration Dropsonde Observations over Remote Regions. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 1661-1674.	1.7	20
10	Vertical variability of thermal comfort in urban areas: The example of Taipei 101. <i>Meteorologische Zeitschrift</i> , 2013, 22, 753-759.	0.5	3
11	Potential Vorticity Diagnosis of the Factors Affecting the Track of Typhoon Sinlaku (2008) and the Impact from Dropwindsonde Data during T-PARC. <i>Monthly Weather Review</i> , 2012, 140, 2670-2688.	0.5	23
12	Comparison of MODIS land surface temperature and ground-based observed air temperature in complex topography. <i>International Journal of Remote Sensing</i> , 2012, 33, 7685-7702.	1.3	21
13	A novel thermal index improves prediction of vegetation zones: Associating temperature sum with thermal seasonality. <i>Ecological Indicators</i> , 2012, 23, 668-674.	2.6	6
14	Observing System Simulation Experiment: Development of the system and preliminary results. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	8
15	The Influence of Assimilating Dropsonde Data on Typhoon Track and Midlatitude Forecasts. <i>Monthly Weather Review</i> , 2011, 139, 908-920.	0.5	89
16	The Impact of Dropwindsonde Observations on Typhoon Track Forecasts in DOTSTAR and T-PARC. <i>Monthly Weather Review</i> , 2011, 139, 1728-1743.	0.5	71
17	Quality-Controlled Upper-Air Sounding Dataset for TiMREX/SoWMEX: Development and Corrections. <i>Journal of Atmospheric and Oceanic Technology</i> , 2010, 27, 1802-1821.	0.5	27
18	Notice of Retraction: Aerodynamic derivatives and wind field estimation in a flight accident involving cross wind. , 2010, , .		1

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19	Controlling synoptic-scale factors for the distribution of transient luminous events. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	17
20	Validation of QuikSCAT wind vectors by dropwindsonde data from Dropwindsonde Observations for Typhoon Surveillance Near the Taiwan Region (DOTSTAR). <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	15
21	Water vapor variability and comparisons in the subtropical Pacific from The Observing System Research and Predictability Experiment-Pacific Asian Regional Campaign (Tâ€¦PARC) Driftsonde, Constellation Observing System for Meteorology, Ionosphere, and Climate (COSMIC), and reanalyses. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	13
22	Parameterization of topographic effect on surface solar radiation. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	27
23	Interaction of Typhoon Shanshan (2006) with the Midlatitude Trough from both Adjoint-Derived Sensitivity Steering Vector and Potential Vorticity Perspectives. <i>Monthly Weather Review</i> , 2009, 137, 852-862.	0.5	33
24	Radio Occultation Retrieval of Atmospheric Profiles from the FORMOSAT-3/COSMIC Mission: Early Results. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2009, 20, 21.	0.3	3
25	Columnar optical properties of tropospheric aerosol by combined lidar and sunphotometer measurements at Taipei, Taiwan. <i>Atmospheric Environment</i> , 2009, 43, 2700-2708.	1.9	32
26	GIS-based Tests for Quality Control of Meteorological Data and Spatial Interpolation of Climate Data. <i>Mountain Research and Development</i> , 2009, 29, 339-349.	0.4	32
27	Analyses of FORMOSAT-3/COSMIC humidity retrievals and comparisons with AIRS retrievals and NCEP/NCAR reanalyses. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	17
28	The Eyewall-Penetration Reconnaissance Observation of Typhoon Longwang (2005) with Unmanned Aerial Vehicle, Aerosonde. <i>Journal of Atmospheric and Oceanic Technology</i> , 2008, 25, 15-25.	0.5	35
29	Targeted Observations of Tropical Cyclone Movement Based on the Adjoint-Derived Sensitivity Steering Vector. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 2611-2626.	0.6	115
30	The Impact of Dropwindsonde Data on Typhoon Track Forecasts in DOTSTAR. <i>Weather and Forecasting</i> , 2007, 22, 1157-1176.	0.5	101
31	Impact of sea breeze air masses laden with ozone on inland surface ozone concentrations: A case study of the northern coast of Taiwan. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	10
32	Vertical ozone distributions observed using tethered ozonesondes in a coastal industrial city, Kaohsiung, in southern Taiwan. <i>Environmental Monitoring and Assessment</i> , 2007, 127, 253-270.	1.3	18
33	Effects of aerosols on the surface solar radiation in a tropical urban area. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	22
34	Correlation between aerosol optical depth derived from CIMEL sunphotometer and surface particulate concentration in Northern and Southern Taiwan. , 2006, , .		1
35	OBSERVATIONS: The First Successful Typhoon Eyewall-Penetration Reconnaissance Flight Mission Conducted by the Unmanned Aerial Vehicle, Aerosonde. <i>Bulletin of the American Meteorological Society</i> , 2006, 87, 1481-1483.	1.7	22
36	Experimental investigation of ozone accumulation overnight during a wintertime ozone episode in south Taiwan. <i>Atmospheric Environment</i> , 2004, 38, 4267-4278.	1.9	32