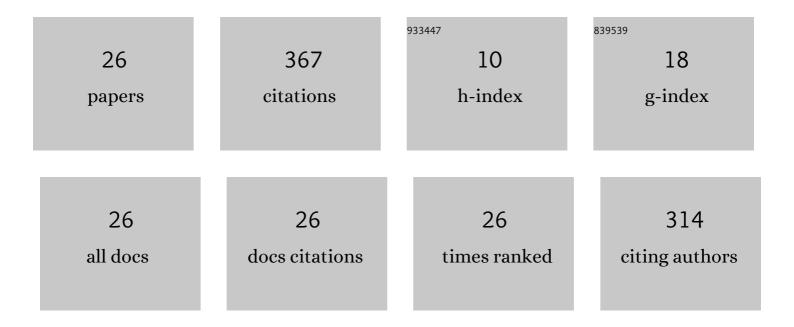
## Xiaogang Huang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2167463/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Analysis of the Winter Cloud-to-Ground Lightning Activity and Its Synoptic Background in China during 2010–20. Advances in Atmospheric Sciences, 2022, 39, 985-998.	4.3	4
2	The modulation effect of sea surface cooling on the eyewall replacement cycle in Typhoon Trami (2018). Monthly Weather Review, 2022, , .	1.4	10
3	Thermal Response to Tropical Cyclones Over the Kuroshio. Earth and Space Science, 2022, 9, .	2.6	6
4	Characteristics and Preliminary Causes of Extremely Persistent Heavy Rainfall Generated by Landfalling Tropical Cyclones Over China. Earth and Space Science, 2022, 9, .	2.6	4
5	Uplift Mechanism of Coastal Extremely Persistent Heavy Rainfall (EPHR): The Key Role of Lowâ€Level Jets and Ageostrophic Winds in the Boundary Layer. Geophysical Research Letters, 2022, 49, .	4.0	6
6	Spatiotemporal Characteristics and Associated Synoptic Patterns of Extremely Persistent Heavy Rainfall in Southern China. Journal of Geophysical Research D: Atmospheres, 2021, 126, .	3.3	11
7	Evaluation and Error Analysis of Official Tropical Cyclone Intensity Forecasts during 2005–2018 for the Western North Pacific. Journal of the Meteorological Society of Japan, 2021, 99, 139-163.	1.8	19
8	Direct/indirect effects of aerosols and their separate contributions to Typhoon Lupit (2009): Eyewall versus peripheral rainbands. Science China Earth Sciences, 2021, 64, 2113-2128.	5.2	15
9	Effects of Airâ€5ea Interaction on the Eyewall Replacement Cycle of Typhoon Sinlaku (2008): Verification of Numerical Simulation. Earth and Space Science, 2020, 7, e2019EA000763.	2.6	1
10	Modulation of Clouds and Rainfall by Tropical Cyclone's Cold Wakes. Geophysical Research Letters, 2020, 47, e2020GL088873.	4.0	33
11	Mature typhoon "cloud gyro―model and numerical simulation study. Science China Earth Sciences, 2020, 63, 749-756.	5.2	0
12	A Study of the Interaction between Typhoon Francisco (2013) and a Cold-Core Eddy. Part II: Boundary Layer Structures. Journals of the Atmospheric Sciences, 2020, 77, 2865-2883.	1.7	9
13	Maintenance and Sudden Change of a Strong Elevated Ducting Event Associated with High Pressure and Marine Low-Level Jet. Journal of Meteorological Research, 2020, 34, 1287-1298.	2.4	4
14	A Definition of Rapid Weakening for Tropical Cyclones Over the Western North Pacific. Geophysical Research Letters, 2019, 46, 11471-11478.	4.0	17
15	Simulation of an Asian Dust Storm Event in May 2017. Atmosphere, 2019, 10, 135.	2.3	13
16	Sensitivity of the Simulated Tropical Cyclone Intensification to the Boundaryâ€Layer Height Based on a <i>Kâ€Profile</i> Boundaryâ€Layer Parameterization Scheme. Journal of Advances in Modeling Earth Systems, 2018, 10, 2912-2932.	3.8	10
17	Comparison of Simulated Tropical Cyclone Intensity and Structures Using the WRF with Hydrostatic and Nonhydrostatic Dynamical Cores. Atmosphere, 2018, 9, 483.	2.3	6
18	Estimating the Correlated Observation-Error Characteristics of the Chinese FengYun Microwave Temperature Sounder and Microwave Humidity Sounder. Advances in Atmospheric Sciences, 2018, 35, 1428-1441.	4.3	5

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#	Article	IF	CITATIONS
19	Modulating Effects of Mesoscale Oceanic Eddies on Sea Surface Temperature Response to Tropical Cyclones Over the Western North Pacific. Journal of Geophysical Research D: Atmospheres, 2018, 123, 367-379.	3.3	31
20	Where will tropical cyclogenesis occur around a preexisting tropical cyclone?. Geophysical Research Letters, 2017, 44, 578-586.	4.0	3
21	An Investigation of the Influences of Mesoscale Ocean Eddies on Tropical Cyclone Intensities. Monthly Weather Review, 2017, 145, 1181-1201.	1.4	41
22	Rossby wave energy dispersion from tropical cyclone in zonal basic flows. Journal of Geophysical Research D: Atmospheres, 2016, 121, 3120-3138.	3.3	5
23	A Potential Problem with the Application of Moist Static Energy in Tropical Cyclone Studies. Journals of the Atmospheric Sciences, 2015, 72, 3009-3019.	1.7	8
24	Contributions of Surface Sensible Heat Fluxes to Tropical Cyclone. Part I: Evolution of Tropical Cyclone Intensity and Structure. Journals of the Atmospheric Sciences, 2015, 72, 120-140.	1.7	44
25	Contributions of Surface Sensible Heat Fluxes to Tropical Cyclone. Part II: The Sea Spray Processes. Journals of the Atmospheric Sciences, 2015, 72, 4218-4236.	1.7	15
26	Effects of the Cold Core Eddy on Tropical Cyclone Intensity and Structure under Idealized Air–Sea Interaction Conditions. Monthly Weather Review, 2013, 141, 1285-1303.	1.4	47