

Hsiao-Chung Tsai

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

195
citations

1163117

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25
docs citations

25
times ranked

133
citing authors

#	ARTICLE	IF	CITATIONS
1	Extended-Range Forecasts of Atlantic Tropical Cyclone Events during 2012 Using the ECMWF 32-Day Ensemble Predictions*. <i>Weather and Forecasting</i> , 2014, 29, 271-288.	1.4	26
2	Objective verifications and false alarm analyses of western North Pacific tropical cyclone event forecasts by the ECMWF 32-day ensemble. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2013, 49, 409-420.	2.3	22
3	Investigation of the impacts of vegetation distribution and evaporative cooling on synthetic urban daytime climate using a coupled LES-LSM model. <i>Hydrological Processes</i> , 2011, 25, 1574-1586.	2.6	14
4	Applications of situation-dependent intensity and intensity spread predictions based on a weighted analog technique. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2014, 50, 507-518.	2.3	13
5	Seven-day intensity and intensity spread predictions for western North Pacific tropical cyclones. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2015, 51, 331-342.	2.3	13
6	Tropical Cyclone-like Vortices Detection in the NCEP 16-Day Ensemble System over the Western North Pacific in 2008: Application and Forecast Evaluation. <i>Weather and Forecasting</i> , 2011, 26, 77-93.	1.4	11
7	Opportunities and challenges for extended-range predictions of tropical cyclone impacts on hydrological predictions. <i>Journal of Hydrology</i> , 2013, 506, 42-54.	5.4	10
8	Situation-dependent intensity skill metric and intensity spread guidance for western North Pacific tropical cyclones. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2014, 50, 297-306.	2.3	9
9	Maximum Covariance Analysis of Typhoon Surface Wind and Rainfall Relationships in Taiwan. <i>Journal of Applied Meteorology and Climatology</i> , 2009, 48, 997-1016.	1.5	8
10	Temperature and hydrological variations of the urban environment in the Taipei metropolitan area, Taiwan. <i>Science of the Total Environment</i> , 2008, 404, 393-400.	8.0	7
11	Detection of tropical cyclone track changes from the ECMWF ensemble prediction system. <i>Geophysical Research Letters</i> , 2013, 40, 797-801.	4.0	6
12	Seven-Day Intensity and Intensity Spread Predictions for Atlantic Tropical Cyclones. <i>Weather and Forecasting</i> , 2017, 32, 141-147.	1.4	6
13	Seven-Day Intensity and Intensity Spread Predictions in Bifurcation Situations with Guidance-On-Guidance for Western North Pacific Tropical Cyclones. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2018, 54, 421-430.	2.3	6
14	Advanced Global Model Ensemble Forecasts of Tropical Cyclone Formation, and Intensity Predictions along Medium-Range Tracks. <i>Atmosphere</i> , 2020, 11, 1002.	2.3	6
15	Opportunity for Early Warnings of Typhoon Lekima from Two Global Ensemble Model Forecasts of Formation with 7-Day Intensities along Medium-Range Tracks. <i>Atmosphere</i> , 2020, 11, 1162.	2.3	6
16	Weighted Analog Technique for Intensity and Intensity Spread Predictions of Atlantic Tropical Cyclones. <i>Weather and Forecasting</i> , 2015, 30, 1321-1333.	1.4	5
17	Ending Storm Version of the 7-day Weighted Analog Intensity Prediction Technique for Western North Pacific Tropical Cyclones. <i>Weather and Forecasting</i> , 2017, 32, 2229-2235.	1.4	5
18	Predicting Rapid Intensification Events Following Tropical Cyclone Formation in the Western North Pacific Based on ECMWF Ensemble Warm Core Evolutions. <i>Atmosphere</i> , 2021, 12, 847.	2.3	5

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19	Combined Three-Stage 7-Day Weighted Analog Intensity Prediction Technique for Western North Pacific Tropical Cyclones: Demonstration of Optimum Performance. <i>Weather and Forecasting</i> , 2019, 34, 1979-1998.	1.4	5
20	Skill of western North Pacific tropical cyclone intensity forecast guidance relative to Weighted-Analog technique. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2016, 52, 281-290.	2.3	4
21	Opportunity for Tropical Cyclone Lifecycle Predictions from Pre-Formation to Ending Stage: Eastern North Pacific 2021 Season. <i>Atmosphere</i> , 2022, 13, 1008.	2.3	3
22	Erratum to "Temperature and hydrological variations of the urban environment in the Taipei metropolitan area, Taiwan". <i>Science of the Total Environment</i> , 2009, 407, 3233-3238.	8.0	2
23	Opportunities and challenges in dynamical and predictability studies of tropical cyclone events. , 0, , 133-140.		2
24	Improved tropical cyclone intensity and intensity spread prediction in bifurcation situations. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2014, 50, 669-680.	2.3	1
25	Erratum to "Temperature and hydrological variations of the urban environment in the Taipei metropolitan area, Taiwan". [Science of the Total Environment 404 (2008) 393-400]. <i>Science of the Total Environment</i> , 2009, 407, 3232.	8.0	0