

Thomas H Jagger

List of Publications by Year in descending order

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56
papers

2,702
citations

304743

22
h-index

197818

49
g-index

58
all docs

58
docs citations

58
times ranked

2497
citing authors

#	ARTICLE	IF	CITATIONS
1	The increasing intensity of the strongest tropical cyclones. <i>Nature</i> , 2008, 455, 92-95.	27.8	923
2	Climatology Models for Extreme Hurricane Winds near the United States. <i>Journal of Climate</i> , 2006, 19, 3220-3236.	3.2	153
3	Prediction Models for Annual U.S. Hurricane Counts. <i>Journal of Climate</i> , 2006, 19, 2935-2952.	3.2	144
4	Changes in the rates of North Atlantic major hurricane activity during the 20th century. <i>Geophysical Research Letters</i> , 2000, 27, 1743-1746.	4.0	124
5	Visibility network of United States hurricanes. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	120
6	A Hierarchical Bayesian Approach to Seasonal Hurricane Modeling. <i>Journal of Climate</i> , 2004, 17, 2813-2827.	3.2	99
7	Detecting Shifts in Hurricane Rates Using a Markov Chain Monte Carlo Approach. <i>Journal of Climate</i> , 2004, 17, 2652-2666.	3.2	80
8	The increasing efficiency of tornado days in the United States. <i>Climate Dynamics</i> , 2015, 45, 651-659.	3.8	80
9	A Dynamic Probability Model of Hurricane Winds in Coastal Counties of the United States. <i>Journal of Applied Meteorology and Climatology</i> , 2001, 40, 853-863.	1.7	55
10	Comparison of Hurricane Return Levels Using Historical and Geological Records. <i>Journal of Applied Meteorology and Climatology</i> , 2008, 47, 368-374.	1.5	53
11	On Estimating Hurricane Return Periods. <i>Journal of Applied Meteorology and Climatology</i> , 2010, 49, 837-844.	1.5	45
12	Forecasting U.S. hurricanes 6 months in advance. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	4.0	44
13	Modeling tropical cyclone intensity with quantile regression. <i>International Journal of Climatology</i> , 2009, 29, 1351-1361.	3.5	43
14	Risk of Strong Hurricane Winds to Florida Cities. <i>Journal of Applied Meteorology and Climatology</i> , 2010, 49, 2121-2132.	1.5	43
15	Unfolding the relation between global temperature and ENSO. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	42
16	United States and Caribbean tropical cyclone activity related to the solar cycle. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	42
17	Population and energy elasticity of tornado casualties. <i>Geophysical Research Letters</i> , 2017, 44, 3941-3949.	4.0	35
18	A space-time model for seasonal hurricane prediction. <i>International Journal of Climatology</i> , 2002, 22, 451-465.	3.5	34

#	ARTICLE	IF	CITATIONS
19	Spatial grids for hurricane climate research. <i>Climate Dynamics</i> , 2012, 39, 21-36.	3.8	31
20	High-Frequency Variability in Hurricane Power Dissipation and Its Relationship to Global Temperature. <i>Bulletin of the American Meteorological Society</i> , 2006, 87, 763-768.	3.3	29
21	Variations in typhoon landfalls over China. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 665-677.	4.3	27
22	Daily tornado frequency distributions in the United States. <i>Environmental Research Letters</i> , 2014, 9, 024018.	5.2	26
23	Estimated return periods for Hurricane Katrina. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	25
24	Statistical Models for Tornado Climatology: Long and Short-Term Views. <i>PLoS ONE</i> , 2016, 11, e0166895.	2.5	24
25	Improving Multiseason Forecasts of North Atlantic Hurricane Activity. <i>Journal of Climate</i> , 2008, 21, 1209-1219.	3.2	23
26	Forecasting US insured hurricane losses. , 2008, , 189-208.		22
27	Hurricane Clusters in the Vicinity of Florida. <i>Journal of Applied Meteorology and Climatology</i> , 2012, 51, 869-877.	1.5	21
28	Tornado Intensity Estimated from Damage Path Dimensions. <i>PLoS ONE</i> , 2014, 9, e107571.	2.5	21
29	Daily tropical cyclone intensity response to solar ultraviolet radiation. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	20
30	Toward increased utilization of historical hurricane chronologies. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	20
31	Empirical estimates of kinetic energy from some recent U.S. tornadoes. <i>Geophysical Research Letters</i> , 2014, 41, 4340-4346.	4.0	18
32	A Statistical Model for Regional Tornado Climate Studies. <i>PLoS ONE</i> , 2015, 10, e0131876.	2.5	18
33	A dasymetric method to spatially apportion tornado casualty counts. <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 1768-1782.	4.3	18
34	Climate and solar signals in property damage losses from hurricanes affecting the United States. <i>Natural Hazards</i> , 2011, 58, 541-557.	3.4	16
35	A Bayesian geostatistical approach to modeling global distributions of <i>Lygodium microphyllum</i> under projected climate warming. <i>Ecological Modelling</i> , 2017, 363, 192-206.	2.5	16
36	Sensitivity of limiting hurricane intensity to ocean warmth. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	15

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37	Sensitivity of Limiting Hurricane Intensity to SST in the Atlantic from Observations and GCMs. <i>Journal of Climate</i> , 2013, 26, 5949-5957.	3.2	15
38	Combining Surge and Wind Risk from Hurricanes Using a Copula Model: An Example from Galveston, Texas. <i>Professional Geographer</i> , 2015, 67, 52-61.	1.8	15
39	A Consensus Model for Seasonal Hurricane Prediction. <i>Journal of Climate</i> , 2010, 23, 6090-6099.	3.2	14
40	Risk assessment of hurricane winds for Eglin air force base in northwestern Florida, USA. <i>Theoretical and Applied Climatology</i> , 2011, 105, 287-296.	2.8	14
41	The Relationship between Elevation Roughness and Tornado Activity: A Spatial Statistical Model Fit to Data from the Central Great Plains. <i>Journal of Applied Meteorology and Climatology</i> , 2016, 55, 849-859.	1.5	14
42	A Spatial Point Process Model for Violent Tornado Occurrence in the US Great Plains. <i>Mathematical Geosciences</i> , 2013, 45, 667-679.	2.4	13
43	Deriving robust return periods for tropical cyclone inundations from sediments. <i>Geophysical Research Letters</i> , 2013, 40, 370-373.	4.0	12
44	The combined risk of extreme tropical cyclone winds and storm surges along the U.S. Gulf of Mexico Coast. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 3299-3316.	3.3	12
45	The sun-hurricane connection: Diagnosing the solar impacts on hurricane frequency over the North Atlantic basin using a space-time model. <i>Natural Hazards</i> , 2014, 73, 1063-1084.	3.4	10
46	Comparison of Hindcasts Anticipating the 2004 Florida Hurricane Season. <i>Weather and Forecasting</i> , 2006, 21, 182-192.	1.4	9
47	Estimating Contemporary and Future Wind-Damage Losses from Hurricanes Affecting Eglin Air Force Base, Florida. <i>Journal of Applied Meteorology and Climatology</i> , 2011, 50, 1514-1526.	1.5	6
48	Network Analysis of U.S. Hurricanes. , 2009, , 153-167.		5
49	On the Increasing Intensity of the Strongest Atlantic Hurricanes. , 2010, , 175-190.		5
50	Predictive Models For Time To Acceptance: An Example Using "Hurricane" Articles in AMS Journals. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, 879-882.	3.3	3
51	A space-time statistical climate model for hurricane intensification in the North Atlantic basin. <i>Advances in Statistical Climatology, Meteorology and Oceanography</i> , 2016, 2, 105-114.	0.9	3
52	Disaggregating the Patchwork:. <i>Wetlands</i> , 2017, 37, 205-219.	1.5	2
53	Frequency and Intensity of Hurricanes Within Florida's Threat Zone. , 2010, , 191-203.		1
54	Discussion on "Public Hurricane Loss Evaluation Models: Predicting losses of residential structures in the state of Florida" by S. Hamid et al.. <i>Statistical Methodology</i> , 2010, 7, 574-576.	0.5	0

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55	Statistical Link Between United States Tropical Cyclone Activity and the Solar Cycle. , 2009, , 61-71.		0
56	Environmental Signals in Property Damage Losses from Hurricanes. , 2010, , 101-119.		0