Thomas H Jagger

List of Publications by Year
in descending order

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	Population and energy elasticity of tornado casualties. Geophysical Research Letters, 2017, 44, 3941-3949.	4.0	35
2	The combined risk of extreme tropical cyclone winds and storm surges along the U.S. Gulf of Mexico Coast. Journal of Geophysical Research D: Atmospheres, 2017, 122, 3299-3316.	3.3	12
3	A Bayesian geostatistical approach to modeling global distributions of Lygodium microphyllum under projected climate warming. Ecological Modelling, 2017, 363, 192-206.	2.5	16
4	Disaggregating the Patchwork:. Wetlands, 2017, 37, 205-219.	1.5	2
5	A dasymetric method to spatially apportion tornado casualty counts. Geomatics, Natural Hazards and Risk, 2017, 8, 1768-1782.	4.3	18
6	Statistical Models for Tornado Climatology: Long and Short-Term Views. PLoS ONE, 2016, 11, e0166895.	2.5	24
7	The Relationship between Elevation Roughness and Tornado Activity: A Spatial Statistical Model Fit to Data from the Central Great Plains. Journal of Applied Meteorology and Climatology, 2016, 55, 849-859.	1.5	14
8	A spaceâ€“time statistical climate model for hurricane intensification in the North Atlantic basin. Advances in Statistical Climatology, Meteorology and Oceanography, 2016, 2, 105-114.	0.9	3
9	A Statistical Model for Regional Tornado Climate Studies. PLoS ONE, 2015, 10, e0131876.	2.5	18
10	Combining Surge and Wind Risk from Hurricanes Using a Copula Model: An Example from Galveston, Texas. Professional Geographer, 2015, 67, 52-61.	1.8	15
11	The increasing efficiency of tornado days in the United States. Climate Dynamics, 2015, 45, 651-659.	3.8	80
12	Empirical estimates of kinetic energy from some recent U.S. tornadoes. Geophysical Research Letters, 2014, 41, 4340-4346.	4.0	18
13	Tornado Intensity Estimated from Damage Path Dimensions. PLoS ONE, 2014, 9, e107571.	2.5	21
14	Daily tornado frequency distributions in the United States. Environmental Research Letters, 2014, 9, 024018.	5.2	26
15	The sun-hurricane connection: Diagnosing the solar impacts on hurricane frequency over the North Atlantic basin using a spaceâ€“time model. Natural Hazards, 2014, 73, 1063-1084.	3.4	10
16	A Spatial Point Process Model for Violent Tornado Occurrence in the US Great Plains. Mathematical Geosciences, 2013, 45, 667-679.	2.4	13
17	Sensitivity of Limiting Hurricane Intensity to SST in the Atlantic from Observations and GCMs. Journal of Climate, 2013, 26, 5949-5957.	3.2	15
18	Deriving robust return periods for tropical cyclone inundations from sediments. Geophysical Research Letters, 2013, 40, 370-373.	4.0	12

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19	Predictive Models For Time To Acceptance: An Example Using â€œHurricaneâ€•Articles in AMS Journals. Bulletin of the American Meteorological Society, 2012, 93, 879-882.	3.3	3
20	Hurricane Clusters in the Vicinity of Florida. Journal of Applied Meteorology and Climatology, 2012, 51, 869-877.	1.5	21
21	Sensitivity of limiting hurricane intensity to ocean warmth. Geophysical Research Letters, 2012, 39, .	4.0	15
22	Spatial grids for hurricane climate research. Climate Dynamics, 2012, 39, 21-36.	3.8	31
23	Climate and solar signals in property damage losses from hurricanes affecting the United States. Natural Hazards, 2011, 58, 541-557.	3.4	16
24	Risk assessment of hurricane winds for Eglin air force base in northwestern Florida, USA. Theoretical and Applied Climatology, 2011, 105, 287-296.	2.8	14
25	Estimating Contemporary and Future Wind-Damage Losses from Hurricanes Affecting Eglin Air Force Base, Florida. Journal of Applied Meteorology and Climatology, 2011, 50, 1514-1526.	1.5	6
26	Discussion on â€œPublic Hurricane Loss Evaluation Models: Predicting losses of residential structures in the state of Floridaâ€•by S. Hamid etÂal.. Statistical Methodology, 2010, 7, 574-576.	0.5	0
27	Daily tropical cyclone intensity response to solar ultraviolet radiation. Geophysical Research Letters, 2010, 37, .	4.0	20
28	On Estimating Hurricane Return Periods. Journal of Applied Meteorology and Climatology, 2010, 49, 837-844.	1.5	45
29	A Consensus Model for Seasonal Hurricane Prediction. Journal of Climate, 2010, 23, 6090-6099.	3.2	14
30	Risk of Strong Hurricane Winds to Florida Cities. Journal of Applied Meteorology and Climatology, 2010, 49, 2121-2132.	1.5	43
31	Toward increased utilization of historical hurricane chronologies. Journal of Geophysical Research, 2010, 115, .	3.3	20
32	On the Increasing Intensity of the Strongest Atlantic Hurricanes. , 2010, , 175-190.		5
33	Frequency and Intensity of Hurricanes Within Floridaâ€™s Threat Zone. , 2010, , 191-203.		1
34	Environmental Signals in Property Damage Losses from Hurricanes. , 2010, , 101-119.		0
35	Modeling tropical cyclone intensity with quantile regression. International Journal of Climatology, 2009, 29, 1351-1361.	3.5	43
36	Visibility network of United States hurricanes. Geophysical Research Letters, 2009, 36, .	4.0	120

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37	Network Analysis of U.S. Hurricanes. , 2009, , 153-167.		5
38	Statistical Link Between United States Tropical Cyclone Activity and the Solar Cycle. , 2009, , 61-71.		0
39	The increasing intensity of the strongest tropical cyclones. Nature, 2008, 455, 92-95.	27.8	923
40	United States and Caribbean tropical cyclone activity related to the solar cycle. Geophysical Research Letters, 2008, 35, .	4.0	42
41	Improving Multiseason Forecasts of North Atlantic Hurricane Activity. Journal of Climate, 2008, 21, 1209-1219.	3.2	23
42	Comparison of Hurricane Return Levels Using Historical and Geological Records. Journal of Applied Meteorology and Climatology, 2008, 47, 368-374.	1.5	53
43	Forecasting US insured hurricane losses. , 2008, , 189-208.		22
44	Estimated return periods for Hurricane Katrina. Geophysical Research Letters, 2006, 33, .	4.0	25
45	Forecasting U.S. hurricanes 6 months in advance. Geophysical Research Letters, 2006, 33, n/a-n/a.	4.0	44
46	Climatology Models for Extreme Hurricane Winds near the United States. Journal of Climate, 2006, 19, 3220-3236.	3.2	153
47	Prediction Models for Annual U.S. Hurricane Counts. Journal of Climate, 2006, 19, 2935-2952.	3.2	144
48	Comparison of Hindcasts Anticipating the 2004 Florida Hurricane Season. Weather and Forecasting, 2006, 21, 182-192.	1.4	9
49	Variations in typhoon landfalls over China. Advances in Atmospheric Sciences, 2006, 23, 665-677.	4.3	27
50	High-Frequency Variability in Hurricane Power Dissipation and Its Relationship to Global Temperature. Bulletin of the American Meteorological Society, 2006, 87, 763-768.	3.3	29
51	Unfolding the relation between global temperature and ENSO. Geophysical Research Letters, 2005, 32, .	4.0	42
52	Detecting Shifts in Hurricane Rates Using a Markov Chain Monte Carlo Approach. Journal of Climate, 2004, 17, 2652-2666.	3.2	80
53	A Hierarchical Bayesian Approach to Seasonal Hurricane Modeling. Journal of Climate, 2004, 17, 2813-2827.	3.2	99
54	A space-time model for seasonal hurricane prediction. International Journal of Climatology, 2002, 22, 451-465.	3.5	34

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55	A Dynamic Probability Model of Hurricane Winds in Coastal Counties of the United States. Journal of Applied Meteorology and Climatology, 2001, 40, 853-863.	1.7	55
56	Changes in the rates of North Atlantic major hurricane activity during the 20th century. Geophysical Research Letters, 2000, 27, 1743-1746.	4.0	124