

Tannecia S Stephenson

List of Publications by Year in descending order

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29
papers

1,054
citations

516710

16
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1117
citing authors

#	ARTICLE	IF	CITATIONS
1	Future climate of the Caribbean from a regional climate model. <i>International Journal of Climatology</i> , 2011, 31, 1866-1878.	3.5	144
2	Changes in extreme temperature and precipitation in the Caribbean region, 1961–2010. <i>International Journal of Climatology</i> , 2014, 34, 2957-2971.	3.5	139
3	Projected Changes in Temperature and Precipitation Over the United States, Central America, and the Caribbean in CMIP6 GCMs. <i>Earth Systems and Environment</i> , 2021, 5, 1-24.	6.2	125
4	Features of the Caribbean low level jet. <i>International Journal of Climatology</i> , 2007, 28, 119-128.	3.5	94
5	Future Caribbean Climates in a World of Rising Temperatures: The 1.5 vs 2.0 Dilemma. <i>Journal of Climate</i> , 2018, 31, 2907-2926.	3.2	70
6	Why dry? Investigating the future evolution of the Caribbean Low Level Jet to explain projected Caribbean drying. <i>International Journal of Climatology</i> , 2013, 33, 784-792.	3.5	59
7	Long-term trends in precipitation and temperature across the Caribbean. <i>International Journal of Climatology</i> , 2016, 36, 3314-3333.	3.5	52
8	Tropical gradient influences on Caribbean rainfall. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	51
9	Characterizing heat stress on livestock using the temperature humidity index (THI) – prospects for a warmer Caribbean. <i>Regional Environmental Change</i> , 2018, 18, 2329-2340.	2.9	46
10	Future climate of the Caribbean from a super-high-resolution atmospheric general circulation model. <i>Theoretical and Applied Climatology</i> , 2013, 113, 271-287.	2.8	45
11	Assessing the effect of domain size over the Caribbean region using the PRECIS regional climate model. <i>Climate Dynamics</i> , 2015, 44, 1901-1918.	3.8	35
12	The Precis Caribbean Story: Lessons and Legacies. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 1065-1073.	3.3	25
13	Caribbean climate change vulnerability: Lessons from an aggregate index approach. <i>PLoS ONE</i> , 2019, 14, e0219250.	2.5	23
14	Future Caribbean temperature and rainfall extremes from statistical downscaling. <i>International Journal of Climatology</i> , 2017, 37, 4828-4845.	3.5	22
15	Parameterizing the FAO AquaCrop Model for Rainfed and Irrigated Field-Grown Sweet Potato. <i>Agronomy Journal</i> , 2015, 107, 375-387.	1.8	17
16	Frequency analysis, infilling and trends for extreme precipitation for Jamaica (1895–2100). <i>Journal of Hydrology: Regional Studies</i> , 2015, 3, 424-443.	2.4	17
17	Evaluation of Sixteen Gridded Precipitation Datasets over the Caribbean Region Using Gauge Observations. <i>Atmosphere</i> , 2020, 11, 1334.	2.3	16
18	A macro-scale flood risk model for Jamaica with impact of climate variability. <i>Natural Hazards</i> , 2015, 78, 231-256.	3.4	15

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19	Statistical downscaling of North Atlantic tropical cyclone frequency and the amplified role of the Caribbean low-level jet in a warmer climate. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 3741-3758.	3.3	13
20	Estimating damages from climate-related natural disasters for the Caribbean at 1.5 °C and 2 °C global warming above preindustrial levels. <i>Regional Environmental Change</i> , 2018, 18, 2297-2312.	2.9	13
21	Generating Projections for the Caribbean at 1.5, 2.0 and 2.5 °C from a High-Resolution Ensemble. <i>Atmosphere</i> , 2021, 12, 328.	2.3	10
22	Rainfall-runoff simulations using the CARWIG Simple Model for Advection of Storms and Hurricanes and HEC-HMS: Implications of Hurricane Ivan over the Jamaica Hope River watershed. <i>Natural Hazards</i> , 2016, 83, 1635.	3.4	8
23	Regional Climates. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, S321-S420.	3.3	5
24	Regional Climates. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, S357-S464.	3.3	3
25	The Regional Climate Science Initiative. <i>Caribbean Quarterly</i> , 2018, 64, 11-25.	0.0	2
26	An assessment of the impact of 1.5 versus 2 and 2.5 °C global temperature increase on flooding in Jamaica: a case study from the Hope watershed. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20210141.	3.4	2
27	The Climate Studies Group Mona. <i>Caribbean Quarterly</i> , 2008, 54, 85-88.	0.0	1
28	The Caribbean and 1.5 °C: Is SRM an Option?. <i>Atmosphere</i> , 2021, 12, 367.	2.3	1
29	Evaluation of DSSAT's MANIHOT's Cassava Model for potential irrigation benefits for cassava in Jamaica. <i>Agronomy Journal</i> , 0, , .	1.8	1