

# Tereza Cavazos

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

3,075  
citations

236833

25  
h-index

302012

39  
g-index

43  
all docs

43  
docs citations

43  
times ranked

4285  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in Climate Extremes and their Impacts on the Natural Physical Environment. , 2012, , 109-230.		1,080
2	Future Global Meteorological Drought Hot Spots: A Study Based on CORDEX Data. Journal of Climate, 2020, 33, 3635-3661.	1.2	230
3	Using Self-Organizing Maps to Investigate Extreme Climate Events: An Application to Wintertime Precipitation in the Balkans. Journal of Climate, 2000, 13, 1718-1732.	1.2	204
4	Large-Scale Circulation Anomalies Conducive to Extreme Precipitation Events and Derivation of Daily Rainfall in Northeastern Mexico and Southeastern Texas. Journal of Climate, 1999, 12, 1506-1523.	1.2	165
5	Projected Changes in Temperature and Precipitation Over the United States, Central America, and the Caribbean in CMIP6 GCMs. Earth Systems and Environment, 2021, 5, 1-24.	3.0	125
6	Convection and rainfall over Mexico and their modulation by the Southern Oscillation. International Journal of Climatology, 1990, 10, 377-386.	1.5	111
7	Intraseasonal Variability Associated with Wet Monsoons in Southeast Arizona. Journal of Climate, 2002, 15, 2477-2490.	1.2	96
8	Cool-season precipitation in the southwestern USA since AD 1000: comparison of linear and nonlinear techniques for reconstruction. International Journal of Climatology, 2002, 22, 1645-1662.	1.5	79
9	Regional trends of daily precipitation indices in northwest Mexico and southwest United States. Journal of Geophysical Research, 2010, 115, .	3.3	77
10	Downscaling large-scale circulation to local winter rainfall in north-eastern Mexico. International Journal of Climatology, 1997, 17, 1069-1082.	1.5	60
11	Role of Antecedent Land Surface Conditions on North American Monsoon Rainfall Variability*. Journal of Climate, 2005, 18, 3104-3121.	1.2	60
12	Variability of extreme precipitation events in Tijuana, Mexico. Climate Research, 2004, 25, 229-243.	0.4	58
13	Climate change projections from Coupled Model Intercomparison Project phase 5 multi-model weighted ensembles for Mexico, the North American monsoon, and the mid-summer drought region. International Journal of Climatology, 2018, 38, 5699-5716.	1.5	57
14	Eastern Tropical Pacific hurricane variability and landfalls on Mexican coasts. Climate Research, 2014, 58, 221-234.	0.4	56
15	Monsoonal moisture sources revealed using temperature, precipitation, and precipitation stable isotope timeseries. Geophysical Research Letters, 2001, 28, 787-790.	1.5	48
16	Robust late twenty-first century shift in the regional monsoons in RegCM-CORDEX simulations. Climate Dynamics, 2021, 57, 1463-1488.	1.7	47
17	Climatic trends and regional climate models intercomparison over the CORDEX-CAM (Central America, Tj ETQq1_1_0.784314 rgBT / 1.5 46	1.5	46
18	Molecular detection of Coccidioides spp. from environmental samples in Baja California: linking Valley Fever to soil and climate conditions. Fungal Ecology, 2012, 5, 177-190.	0.7	42

#	ARTICLE	IF	CITATIONS
19	Downscaled Climate Change Scenarios for Baja California and the North American Monsoon during the Twenty-First Century. <i>Journal of Climate</i> , 2012, 25, 5904-5915.	1.2	41
20	Extreme precipitation trends associated with tropical cyclones in the core of the North American monsoon. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	36
21	The CORDEX-CORE EXP-I Initiative: Description and Highlight Results from the Initial Analysis. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E293-E310.	1.7	35
22	Role of the land-sea thermal contrast in the interannual modulation of the North American Monsoon. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	33
23	Role of Antecedent Land Surface Conditions in Warm Season Precipitation over Northwestern Mexico. <i>Journal of Climate</i> , 2007, 20, 1774-1791.	1.2	32
24	Future changes in the wintertime cyclonic activity over the CORDEX-CORE southern hemisphere domains in a multi-model approach. <i>Climate Dynamics</i> , 2021, 57, 1533.	1.7	30
25	Characteristics of tropical cyclones making landfall on the Pacific coast of Mexico: 1970-2010. <i>Atmosfera</i> , 2013, 26, 163-182.	0.3	29
26	Land-Sea Thermal Contrast and Intensity of the North American Monsoon under Climate Change Conditions. <i>Journal of Climate</i> , 2014, 27, 4566-4580.	1.2	26
27	Global exposure of population and land-use to meteorological droughts under different warming levels and SSPs: A CORDEX-based study. <i>International Journal of Climatology</i> , 2021, 41, 6825-6853.	1.5	26
28	CORDEX-NA: factors inducing dry/wet years on the North American Monsoon region. <i>International Journal of Climatology</i> , 2016, 36, 824-836.	1.5	20
29	Future Climate: Projected Extremes. , 2013, , 126-147.		20
30	Analysis and modeling of extreme temperatures in several cities in northwestern Mexico under climate change conditions. <i>Theoretical and Applied Climatology</i> , 2014, 116, 211-225.	1.3	19
31	Formation of a coastal barrier jet in the Gulf of Mexico due to the interaction of cold fronts with the Sierra Madre Oriental mountain range. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018, 144, 115-128.	1.0	19
32	Hydrological Modeling of Climate Change Impacts in a Tropical River Basin: A Case Study of the Cauto River, Cuba. <i>Water (Switzerland)</i> , 2018, 10, 1135.	1.2	18
33	Trends of daily extreme and non-extreme rainfall indices and intercomparison with different gridded data sets over Mexico and the southern United States. <i>International Journal of Climatology</i> , 2021, 41, 5406-5430.	1.5	14
34	Variability of extreme precipitation in coastal river basins of the southern Mexican Pacific region. <i>Geofisica International</i> , 2013, 52, 277-291.	0.2	10
35	Numerical Simulation of Heavy Precipitation in Northern Baja California and Southern California. <i>Journal of Hydrometeorology</i> , 2006, 7, 137-148.	0.7	8
36	A Numerical Investigation of Wet and Dry Onset Modes in the North American Monsoon Core Region. Part I: A Regional Mechanism for Interannual Variability. <i>Journal of Climate</i> , 2012, 25, 3953-3969.	1.2	7

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37	Interannual variability of the boreal winter subtropical jet stream and teleconnections over the CORDEX-CAM domain during 1980â€“2010. <i>Climate Dynamics</i> , 2021, 57, 1571-1594.	1.7	3
38	South and North American Monsoons: Characteristics, Life Cycle, Variability, Modeling, and Prediction. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2021, , 49-66.	0.2	3
39	Putting into action the REGCM4.6 regional climate model for the study of climate change, variability and modeling over Central America and Mexico. <i>Atmosfera</i> , 2018, 31, 185-188.	0.3	3
40	The inÃ-Â-â€šfluence of the southern oscillation on the winter climate of Nuevo Leon state, Mexico. <i>Geofisica International</i> , 1994, 33, 295-302.	0.2	1
41	The effect of sea surface temperature and deforestation on the m <sc>idâ€šsummer</sc> drought over Mexico and Central America. <i>International Journal of Climatology</i> , 0, , .	1.5	0