

Yolande L Serra

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,669
citations

361413

20
h-index

414414

32
g-index

36
all docs

36
docs citations

36
times ranked

2430
citing authors

#	ARTICLE	IF	CITATIONS
1	North American Climate in CMIP5 Experiments. Part I: Evaluation of Historical Simulations of Continental and Regional Climatology. <i>Journal of Climate</i> , 2013, 26, 9209-9245.	3.2	242
2	North American Climate in CMIP5 Experiments: Part III: Assessment of Twenty-First-Century Projections*. <i>Journal of Climate</i> , 2014, 27, 2230-2270.	3.2	231
3	The "Year" of Tropical Convection (May 2008"April 2010): Climate Variability and Weather Highlights. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, 1189-1218.	3.3	164
4	North American Climate in CMIP5 Experiments. Part II: Evaluation of Historical Simulations of Intraseasonal to Decadal Variability. <i>Journal of Climate</i> , 2013, 26, 9247-9290.	3.2	124
5	Convection over the Pacific Warm Pool in relation to the Atmospheric Kelvin-Rossby Wave*. <i>Journals of the Atmospheric Sciences</i> , 2000, 57, 3058-3089.	1.7	116
6	Tracking and Mean Structure of Easterly Waves over the Intra-Americas Sea. <i>Journal of Climate</i> , 2010, 23, 4823-4840.	3.2	96
7	Horizontal and Vertical Structure of Easterly Waves in the Pacific ITCZ. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 1266-1284.	1.7	81
8	Assessment of CMIP5 Model Simulations of the North American Monsoon System. <i>Journal of Climate</i> , 2013, 26, 8787-8801.	3.2	59
9	Tropical Pacific Observing System. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	56
10	ATLAS Self-Siphoning Rain Gauge Error Estimates*. <i>Journal of Atmospheric and Oceanic Technology</i> , 2001, 18, 1989-2002.	1.3	53
11	The dominant synoptic-scale modes of North American monsoon precipitation. <i>International Journal of Climatology</i> , 2015, 35, 2019-2032.	3.5	41
12	Multiple Time- and Space-Scale Comparisons of ATLAS Buoy Rain Gauge Measurements with TRMM Satellite Precipitation Measurements*. <i>Journal of Applied Meteorology and Climatology</i> , 2003, 42, 1045-1059.	1.7	37
13	Observations of Variability on Synoptic Timescales in the East Pacific ITCZ*. <i>Journals of the Atmospheric Sciences</i> , 2002, 59, 1723-1743.	1.7	36
14	TLALOCNet: A Continuous GPS-Met Backbone in Mexico for Seismotectonic and Atmospheric Research. <i>Seismological Research Letters</i> , 2018, 89, 373-381.	1.9	31
15	Intraseasonal Modulation of Synoptic-Scale Disturbances and Tropical Cyclone Genesis in the Eastern North Pacific. <i>Journal of Climate</i> , 2014, 27, 5724-5745.	3.2	30
16	Tropical Intraseasonal Modes of the Atmosphere. <i>Annual Review of Environment and Resources</i> , 2014, 39, 189-215.	18.4	29
17	The 1997 Pan American Climate Studies Tropical Eastern Pacific Process Study. Part II: Stratocumulus Region*. <i>Bulletin of the American Meteorological Society</i> , 2000, 81, 483-490.	3.3	28
18	Long-Term Changes in the Climatology of Transient Inverted Troughs over the North American Monsoon Region and Their Effects on Precipitation. <i>Journal of Climate</i> , 2016, 29, 6037-6064.	3.2	27

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19	In Situ Observations of Diurnal Variability in Rainfall over the Tropical Pacific and Atlantic Oceans*. Journal of Climate, 2004, 17, 3496-3509.	3.2	26
20	The JASMINE Pilot Study. Bulletin of the American Meteorological Society, 2002, 83, 1603-1630.	3.3	20
21	Mexican GPS Tracks Convection From North American Monsoon. Eos, 2014, 95, 61-62.	0.1	17
22	The North American Monsoon GPS Transect Experiment 2013. Bulletin of the American Meteorological Society, 2016, 97, 2103-2115.	3.3	17
23	Comparisons of aircraft, ship, and buoy radiation and SST measurements from TOGA COARE. Journal of Geophysical Research, 2000, 105, 15627-15652.	3.3	16
24	Atmospheric boundary layer over the central and western equatorial Pacific Ocean observed during COARE and CEPEX. Journal of Geophysical Research, 1997, 102, 23217-23237.	3.3	15
25	Precipitation measurements from the Tropical Moored Array: A review and look ahead. Quarterly Journal of the Royal Meteorological Society, 2018, 144, 221-234.	2.7	15
26	Resonant Forcing of Mixed Layer Inertial Motions by Atmospheric Easterly Waves in the Northeast Tropical Pacific*. Journal of Physical Oceanography, 2010, 40, 401-416.	1.7	13
27	Kelvin Waves during GOAmazon and Their Relationship to Deep Convection. Journals of the Atmospheric Sciences, 2020, 77, 3533-3550.	1.7	11
28	Runoff Modeling to Inform Policy Regarding Development of Green Infrastructure for Flood Risk Management and Groundwater Recharge Augmentation along an Urban Subcatchment, Ciudad Juarez, Mexico. Journal of Contemporary Water Research and Education, 2016, 159, 50-61.	0.7	10
29	Convective-Permitting Hindcast Simulations during the North American Monsoon GPS Transect Experiment 2013: Establishing Baseline Model Performance without Data Assimilation. Journal of Applied Meteorology and Climatology, 2018, 57, 1683-1710.	1.5	9
30	Historical and Projected Eastern Pacific and Intra-Americas Sea TD-Wave Activity in a Selection of IPCC AR5 Models. Journal of Climate, 2017, 30, 2269-2294.	3.2	7
31	Sub-seasonal variance of surface meteorological parameters in buoy observations and reanalyses. Geophysical Research Letters, 2007, 34, .	4.0	6
32	The Risks of Contracting the Acquisition and Processing of the Nation's Weather and Climate Data to the Private Sector. Bulletin of the American Meteorological Society, 2018, 99, 869-870.	3.3	6