Elsa Mohino

List of Publications by Year
in descending order

42 papers	1,735 citations	361413 20 h-index	302126 39 g-index
43 all docs	43 docs citations	43 times ranked	1721 citing authors

#	Article	IF	Citations
1	Are Atlantic NiÃ±os enhancing Pacific ENSO events in recent decades?. Geophysical Research Letters, 2009, 36, .	4.0	273
2	Sahel rainfall and decadal to multi-decadal sea surface temperature variability. Climate Dynamics, 2011, 37, 419-440.	3.8	233
3	Variability and Predictability of West African Droughts: A Review on the Role of Sea Surface Temperature Anomalies. Journal of Climate, 2015, 28, 4034-4060.	3.2	148
4	Interannual and decadal SSTâ€forced responses of the West African monsoon. Atmospheric Science Letters, 2011, 12, 67-74.	1.9	132
5	Tropical SST and Sahel rainfall: A nonâ€stationary relationship. Geophysical Research Letters, 2012, 39, .	4.0	87
6	The Teleconnection of the Tropical Atlantic to Indo-Pacific Sea Surface Temperatures on Inter-Annual to Centennial Time Scales: A Review of Recent Findings. Atmosphere, 2016, 7, 29.	2.3	86
7	The Tropical Atlantic Observing System. Frontiers in Marine Science, 2019, 6, .	2.5	80
8	A Review of ENSO Influence on the North Atlantic. A Non-Stationary Signal. Atmosphere, 2016, 7, 87.	2.3	67
9	Impacts of the Tropical Pacific/Indian Oceans on the Seasonal Cycle of the West African Monsoon. Journal of Climate, 2011, 24, 3878-3891.	3.2	65
10	Changes in the interannual SST-forced signals on West African rainfall. AGCM intercomparison. Climate Dynamics, 2011, 37, 1707-1725.	3.8	59
11	Decadal Prediction of the Sahelian Precipitation in CMIP5 Simulations. Journal of Climate, 2013, 26, 7708-7719.	3.2	59
12	Robust Sahel drought due to the Interdecadal Pacific Oscillation in CMIP5 simulations. Geophysical Research Letters, 2015, 42, 1214-1222.	4.0	52
13	Can reducing the incoming energy flux over the Southern Ocean in a CGCM improve its simulation of tropical climate?. Geophysical Research Letters, 2016, 43, 11,057.	4.0	36
14	Influence of decadal sea surface temperature variability on northern Brazil rainfall in CMIP5 simulations. Climate Dynamics, 2018, 51, 563-579.	3.8	35
15	Oceanic Forcing on Interannual Variability of Sahel Heavy and Moderate Daily Rainfall. Journal of Hydrometeorology, 2019, 20, 397-410.	1.9	32
16	Impacts of the Atlantic Equatorial Mode in a warmer climate. Climate Dynamics, 2015, 45, 2255-2271.	3.8	30
17	Decadal prediction of Sahel rainfall: where does the skill (or lack thereof) come from?. Climate Dynamics, 2016, 47, 3593-3612.	3.8	29
18	The role of the Indian monsoon onset in the West African monsoon onset: observations and AGCM nudged simulations. Climate Dynamics, 2012, 38, 965-983.	3.8	26

#	Article	IF	Citations
19	The non-stationary influence of the Atlantic and Pacific NiÃ±os on North Eastern South American rainfall. Frontiers in Earth Science, 2015, 3, .	1.8	26
20	Atlantic Control of the Late Nineteenth-Century Sahel Humid Period. Journal of Climate, 2018, 31, 8225-8240.	3.2	20
21	Future evolution of the Sahel precipitation zonal contrast in CESM1. Climate Dynamics, 2020, 55, 2801-2821.	3.8	19
22	Impact of the Indian part of the summer MJO on West Africa using nudged climate simulations. Climate Dynamics, 2012, 38, 2319-2334.	3.8	18
23	Impact of the Madden Julian Oscillation on the summer West African monsoon in AMIP simulations. Climate Dynamics, 2017, 48, 2297-2314.	3.8	17
24	Revisiting the CMIP5 Thermocline in the Equatorial Pacific and Atlantic Oceans. Geophysical Research Letters, 2018, 45, 12,963.	4.0	14
25	Transport pathways across the West African Monsoon as revealed by Lagrangian Coherent Structures. Scientific Reports, 2020, 10, 12543.	3.3	13
26	Multidecadal Modulation of ENSO Teleconnection with Europe in Late Winter: Analysis of CMIP5 Models. Journal of Climate, 2016, 29, 8067-8081.	3.2	12
27	Improving Long Baseline (100â€“300km) Differential GPS Positioning Applying Ionospheric Corrections Derived from Multiple Reference Stations. Journal of Surveying Engineering, - ASCE, 2007, 133, 1-5.	1.7	10
28	Impact of dynamical regionalization on precipitation biases and teleconnections over West Africa. Climate Dynamics, 2018, 50, 4481-4506.	3.8	10
29	Decadal prediction of Sahel rainfall using dynamics-based indices. Climate Dynamics, 2016, 47, 3415-3431.	3.8	8
30	Relationships among Intermodel Spread and Biases in Tropical Atlantic Sea Surface Temperatures. Journal of Climate, 2019, 32, 3615-3635.	3.2	6
31	SiGOG: simulated GPS observation generator. GPS Solutions, 2005, 9, 250-254.	4.3	5
32	Understanding the role of the ionospheric delay in single-point single-epoch GPS coordinates. Journal of Geodesy, 2008, 82, 31-45.	3.6	5
33	Skillful prediction of tropical Pacific fisheries provided by Atlantic NiÃ±os. Environmental Research Letters, 2021, 16, 054066.	5.2	5
34	Statistical-Observational Analysis of Skillful Oceanic Predictors of Heavy Daily Precipitation Events in the Sahel. Atmosphere, 2020, 11, 584.	2.3	4
35	Southern Hemisphere Sensitivity to ENSO Patterns and Intensities: Impacts over Subtropical South America. Atmosphere, 2020, 11, 77.	2.3	4
36	A Shift in the Wind Regime of the Southern End of the Canary Upwelling System at the Turn of the 20th Century. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC017093.	2.6	3

#	Article	IF	Citations
37	Combined Oceanic Influences on Continental Climates. , 2020, , 216-257.		2
38	Secular Variability of the Upwelling at the Canaries Latitude: An Instrumental Approach. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	2
39	Changes in Interannual Tropical Atlanticâ€“Pacific Basin Interactions Modulated by a South Atlantic Cooling. Journal of Climate, 2022, 35, 4403-4416.	3.2	2
40	No-estacionariedad de teleconexiones interanuales modulada por variabilidad multi-decadal. FÃsica De La Tierra, 2014, 25, .	0.1	1
41	Understanding rainfall prediction skill over the Sahel in NMME seasonal forecast. Climate Dynamics, 2022, 59, 3113-3133.	3.8	0
42	Representation and annual to decadal predictability of Euroâ€Atlantic weather regimes in the CMIP6 version of the ECâ€Earth coupled climate model. Journal of Geophysical Research D: Atmospheres, 0, , .	3.3	0