

William David Cabos Narvaez

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

882

citations

16

h-index

28

g-index

77

ext. papers

1,159

ext. citations

4.1

avg, IF

4.11

L-index

#	Paper	IF	Citations
62	Med-CORDEX Initiative for Mediterranean Climate Studies. <i>Bulletin of the American Meteorological Society</i> , 2016 , 97, 1187-1208	6.1	169
61	Regionally coupled atmosphere-ocean-sea ice-marine biogeochemistry model ROM: 1. Description and validation. <i>Journal of Advances in Modeling Earth Systems</i> , 2015 , 7, 268-304	7.1	78
60	Future evolution of Marine Heatwaves in the Mediterranean Sea. <i>Climate Dynamics</i> , 2019 , 53, 1371-1392	4.2	76
59	Present-climate precipitation and temperature extremes over Spain from a set of high resolution RCMs. <i>Climate Research</i> , 2013 , 58, 149-164	1.6	40
58	The South Atlantic Anticyclone as a key player for the representation of the tropical Atlantic climate in coupled climate models. <i>Climate Dynamics</i> , 2017 , 48, 4051-4069	4.2	39
57	Sensitivity of simulated regional Arctic climate to the choice of coupled model domain. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2014 , 66, 23966	2	38
56	The Relative Influence of Atmospheric and Oceanic Model Resolution on the Circulation of the North Atlantic Ocean in a Coupled Climate Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2018 , 10, 2026-2041	7.1	36
55	Ocean Modeling on a Mesh With Resolution Following the Local Rossby Radius. <i>Journal of Advances in Modeling Earth Systems</i> , 2017 , 9, 2601-2614	7.1	34
54	Evolution of Mediterranean Sea water properties under climate change scenarios in the Med-CORDEX ensemble. <i>Climate Dynamics</i> , 2020 , 54, 2135-2165	4.2	26
53	Dynamical downscaling of historical climate over CORDEX Central America domain with a regionally coupled atmosphere-ocean model. <i>Climate Dynamics</i> , 2019 , 52, 4305-4328	4.2	25
52	Mean fields and interannual variability in RCM simulations over Spain: the ESCENA project. <i>Climate Research</i> , 2013 , 57, 201-220	1.6	24
51	Consistency of climate change projections from multiple global and regional model intercomparison projects. <i>Climate Dynamics</i> , 2019 , 52, 1139-1156	4.2	24
50	Evaluation of FESOM2.0 Coupled to ECHAM6.3: Preindustrial and HighResMIP Simulations. <i>Journal of Advances in Modeling Earth Systems</i> , 2019 , 11, 3794-3815	7.1	21
49	Bias reduction in decadal predictions of West African monsoon rainfall using regional climate models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 1715-1735	4.4	20
48	Regionally Coupled Atmosphere-Ocean-Marine Biogeochemistry Model ROM: 2. Studying the Climate Change Signal in the North Atlantic and Europe. <i>Journal of Advances in Modeling Earth Systems</i> , 2020 , 12, e2019MS001646	7.1	17
47	Characterization of the wind speed variability and future change in the Iberian Peninsula and the Balearic Islands. <i>Wind Energy</i> , 2016 , 19, 1223-1237	3.4	16
46	Impact of ocean-atmosphere coupling on regional climate: the Iberian Peninsula case. <i>Climate Dynamics</i> , 2020 , 54, 4441-4467	4.2	16

45	Climate change impact on Northwestern African offshore wind energy resources. <i>Environmental Research Letters</i> , 2019 , 14, 124065	6.2	15
44	Tropical Atlantic Variability: Observations and Modeling. <i>Atmosphere</i> , 2019 , 10, 502	2.7	13
43	On the Structure and Teleconnections of North Atlantic Decadal Variability. <i>Journal of Climate</i> , 2011 , 24, 2209-2223	4.4	13
42	The climate change signal in the Mediterranean Sea in a regionally coupled atmosphere-ocean model. <i>Ocean Science</i> , 2020 , 16, 743-765	4	13
41	The Dirac equation in external fields: Variable separation in Cartesian coordinates. <i>Journal of Mathematical Physics</i> , 1991 , 32, 3184-3188	1.2	11
40	A Climatological Analysis of the Benguela Coastal Low-Level Jet. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 3960-3978	4.4	9
39	Dirac equation in external fields: Separation of variables in curvilinear coordinates. <i>Journal of Mathematical Physics</i> , 1992 , 33, 914-925	1.2	8
38	Assessing the climate change impact on the North African offshore surface wind and coastal low-level jet using coupled and uncoupled regional climate simulations. <i>Climate Dynamics</i> , 2019 , 52, 7111-7132 ⁶	4.2	6
37	Future projections of Mediterranean cyclone characteristics using the Med-CORDEX ensemble of coupled regional climate system models. <i>Climate Dynamics</i> , ¹	4.2	6
36	El impacto de la producción científica de la Universidad de Alcalá de Henares. <i>Revista Española De Documentación Científica</i> , 1998 , 21, 402-415	0.7	6
35	The effect of additional citations in the stability of Journal Citation Report categories. <i>Scientometrics</i> , 2014 , 98, 1113-1130	3	5
34	The North African coastal low level wind jet: a high resolution view. <i>Climate Dynamics</i> , 2019 , 53, 1211-1230	4.2	5
33	On the uncertainty of future projections of Marine Heatwave events in the North Atlantic Ocean. <i>Climate Dynamics</i> , 2021 , 56, 2027-2056	4.2	5
32	How Will a Warming Climate Affect the Benguela Coastal Low-Level Wind Jet?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 5010-5028	4.4	4
31	Nonlinear Trends and Nonstationary Oscillations as Extracted From Annual Accumulated Precipitation at Mexico City. <i>Earth and Space Science</i> , 2018 , 5, 473-485	3.1	4
30	An Assessment of Differences in ENSO Mechanisms in a Coupled GCM Simulation. <i>Journal of Climate</i> , 2006 , 19, 69-87	4.4	4
29	The variability of the tropical Atlantic. <i>Journal of Geophysical Research</i> , 1998 , 103, 7475-7489		4
28	Linear and nonlinear links of winter European precipitation to Northern Hemisphere circulation patterns. <i>Climate Dynamics</i> , 2019 , 52, 6533-6555	4.2	4

27	Modelling a tropical-like cyclone in the Mediterranean Sea under present and warmer climate. <i>Natural Hazards and Earth System Sciences</i> , 2021 , 21, 53-71	3.9	4
26	Behaviour of Quercus pollen in the air, determination of its sources and transport through the atmosphere of Mexico City and conurbated areas. <i>International Journal of Biometeorology</i> , 2018 , 62, 1721-1732	3.7	4
25	The present and future offshore wind resource in the Southwestern African region. <i>Climate Dynamics</i> , 2021 , 56, 1371-1388	4.2	4
24	A multi-model ensemble view of winter heat flux dynamics and the dipole mode in the Mediterranean Sea. <i>Climate Dynamics</i> , 2017 , 48, 1089-1108	4.2	3
23	On the impact of atmospheric vs oceanic resolutions on the representation of the sea surface temperature in the South Eastern Tropical Atlantic. <i>Climate Dynamics</i> , 2020 , 54, 4733-4757	4.2	3
22	. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2002 , 54, 245-259	2	3
21	Dirac equation in external fields: Separation of variables in nondiagonal metrics. <i>Journal of Mathematical Physics</i> , 1992 , 33, 297-303	1.2	3
20	Empirical forecasts of tropical Atlantic sea surface temperature anomalies. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2000 , 126, 2199-2210	6.4	3
19	AMOC, Water Mass Transformations, and Their Responses to Changing Resolution in the Finite-Volume Sea Ice-Ocean Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2020 , 12, e2020MS002317	7.1	3
18	Generation of equatorial Atlantic warm and cold events in a coupled general circulation model simulation		3
17	Separation of variables in the Dirac equation for one class of non-diagonal metrics. <i>Classical and Quantum Gravity</i> , 1992 , 9, 713-720	3.3	2
16	The climate change signal in the Mediterranean Sea in a regionally coupled ocean-atmosphere model 2019 ,		1
15	Dry season circulation-type classification applied to precipitation and temperature in the Peruvian Andes. <i>International Journal of Climatology</i> , 2020 , 40, 6473-6491	3.5	1
14	Impact of air-sea coupling on the climate change signal over the Iberian Peninsula. <i>Climate Dynamics</i> , 1	4.2	1
13	Impact of ocean-atmosphere coupling on future projection of Medicanes in the Mediterranean sea. <i>International Journal of Climatology</i> , 2021 , 41, 2226-2238	3.5	1
12	Will deep water formation collapse in the North Western Mediterranean Sea by the end of the 21st century?		1
11	AMOC Variability and Watermass Transformations in the AWI Climate Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2021 , 13, e2021MS002582	7.1	1
10	Regional earth system modelling framework for CORDEX-SA: an integrated model assessment for Indian summer monsoon rainfall. <i>Climate Dynamics</i> , 1	4.2	1

9	Climate Evaluation of a High-Resolution Regional Model over the Canary Current Upwelling System. <i>Lecture Notes in Computer Science</i> , 2019 , 240-252	0.9	o
8	Reduction of aggregate wind power variability using Empirical Orthogonal Teleconnections: An application in the Iberian Peninsula. <i>Renewable Energy</i> , 2020 , 159, 151-161	8.1	o
7	Surface and Intermediate Water Changes Triggering the Future Collapse of Deep Water Formation in the North Western Mediterranean. <i>Geophysical Research Letters</i> , 2022 , 49,	4.9	o
6	Assessment of the Canary current upwelling system in a regionally coupled climate model. <i>Climate Dynamics</i> , ¹	4.2	o
5	Demonstrating the asymmetry of the Indian Ocean Dipole response in regional earth system model of CORDEX-SA. <i>Atmospheric Research</i> , 2022 , 106182	5.4	o
4	Indian Ocean marine biogeochemical variability and its feedback on simulated South Asia climate. <i>Earth System Dynamics</i> , 2022 , 13, 809-831	4.8	o
3	Exploring the H _{jif} -Index, an Analogue to the H-Like Index for Journal Impact Factors. <i>Publications</i> , 2018 , 6, 14	1.7	
2	Climate change signal in the ocean circulation of the Tyrrhenian Sea. <i>Earth System Dynamics</i> , 2022 , 13, 303-319	4.8	
1	Impact of ocean-atmosphere coupling on present and future Köppen-Geiger climate classification in Europe. <i>Atmospheric Research</i> , 2022 , 275, 106223	5.4	