William David Cabos Narvaez

List of Publications by Year in Descending Order

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	Climate change signal in the ocean circulation of the Tyrrhenian Sea. *Earth System Dynamics*, **2022**, 13, 303-319	4.8	
61	Surface and Intermediate Water Changes Triggering the Future Collapse of Deep Water Formation in the North Western Mediterranean. *Geophysical Research Letters*, **2022**, 49,	4.9	0
60	Demonstrating the asymmetry of the Indian Ocean Dipole response in regional earth system model of CORDEX-SA. *Atmospheric Research*, **2022**, 106182	5.4	0
59	Indian Ocean marine biogeochemical variability and its feedback on simulated South Asia climate. *Earth System Dynamics*, **2022**, 13, 809-831	4.8	0
58	Impact of ocean-atmosphere coupling on present and future Köppen-Geiger climate classification in Europe. *Atmospheric Research*, **2022**, 275, 106223	5.4	
57	Impact of ocean–atmosphere coupling on future projection of Medicanes in the Mediterranean sea. *International Journal of Climatology*, **2021**, 41, 2226-2238	3.5	1
56	Modelling a tropical-like cyclone in the Mediterranean Sea under present and warmer climate. *Natural Hazards and Earth System Sciences*, **2021**, 21, 53-71	3.9	4
55	On the uncertainty of future projections of Marine Heatwave events in the North Atlantic Ocean. *Climate Dynamics*, **2021**, 56, 2027-2056	4.2	5
54	AMOC Variability and Watermass Transformations in the AWI Climate Model. *Journal of Advances in Modeling Earth Systems*, **2021**, 13, e2021MS002582	7.1	1
53	The present and future offshore wind resource in the Southwestern African region. *Climate Dynamics*, **2021**, 56, 1371-1388	4.2	4
52	Reduction of aggregate wind power variability using Empirical Orthogonal Teleconnections: An application in the Iberian Peninsula. *Renewable Energy*, **2020**, 159, 151-161	8.1	0
51	Impact of ocean-atmosphere coupling on regional climate: the Iberian Peninsula case. *Climate Dynamics*, **2020**, 54, 4441-4467	4.2	16
50	On the impact of atmospheric vs oceanic resolutions on the representation of the sea surface temperature in the South Eastern Tropical Atlantic. *Climate Dynamics*, **2020**, 54, 4733-4757	4.2	3
49	Evolution of Mediterranean Sea water properties under climate change scenarios in the Med-CORDEX ensemble. *Climate Dynamics*, **2020**, 54, 2135-2165	4.2	26
48	Dry season circulation-type classification applied to precipitation and temperature in the Peruvian Andes. *International Journal of Climatology*, **2020**, 40, 6473-6491	3.5	1
47	The climate change signal in the Mediterranean Sea in a regionally coupled atmosphere–ocean model. *Ocean Science*, **2020**, 16, 743-765	4	13
46	AMOC, Water Mass Transformations, and Their Responses to Changing Resolution in the Finite-VolumE Sea Ice-Ocean Model. *Journal of Advances in Modeling Earth Systems*, **2020**, 12, e2020MS002317	7.1	3

45	Regionally Coupled Atmosphere-Ocean-Marine Biogeochemistry Model ROM: 2. Studying the Climate Change Signal in the North Atlantic and Europe. *Journal of Advances in Modeling Earth Systems*, **2020**, 12, e2019MS001646	7.1	17
44	Tropical Atlantic Variability: Observations and Modeling. *Atmosphere*, **2019**, 10, 502	2.7	13
43	The climate change signal in the Mediterranean Sea in a regionally coupled ocean-atmosphere model **2019**,		1
42	Climate Evaluation of a High-Resolution Regional Model over the Canary Current Upwelling System. *Lecture Notes in Computer Science*, **2019**, 240-252	0.9	0
41	How Will a Warming Climate Affect the Benguela Coastal Low-Level Wind Jet?. *Journal of Geophysical Research D: Atmospheres*, **2019**, 124, 5010-5028	4.4	4
40	Future evolution of Marine Heatwaves in the Mediterranean Sea. *Climate Dynamics*, **2019**, 53, 1371-1392	4.2	76
39	Dynamical downscaling of historical climate over CORDEX Central America domain with a regionally coupled atmosphereOcean model. *Climate Dynamics*, **2019**, 52, 4305-4328	4.2	25
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. *Climate Dynamics*, **2019**, 52, 7111-7132	4.2	6
37	Evaluation of FESOM2.0 Coupled to ECHAM6.3: Preindustrial and HighResMIP Simulations. *Journal of Advances in Modeling Earth Systems*, **2019**, 11, 3794-3815	7.1	21
36	Climate change impact on Northwestern African offshore wind energy resources. *Environmental Research Letters*, **2019**, 14, 124065	6.2	15
35	The North African coastal low level wind jet: a high resolution view. *Climate Dynamics*, **2019**, 53, 1211-1230	4.2	5
34	A Climatological Analysis of the Benguela Coastal Low-Level Jet. *Journal of Geophysical Research D: Atmospheres*, **2019**, 124, 3960-3978	4.4	9
33	Linear and nonlinear links of winter European precipitation to Northern Hemisphere circulation patterns. *Climate Dynamics*, **2019**, 52, 6533-6555	4.2	4
32	Consistency of climate change projections from multiple global and regional model intercomparison projects. *Climate Dynamics*, **2019**, 52, 1139-1156	4.2	24
31	Exploring the Hjif-Index, an Analogue to the H-Like Index for Journal Impact Factors. *Publications*, **2018**, 6, 14	1.7	
30	Nonlinear Trends and Nonstationary Oscillations as Extracted From Annual Accumulated Precipitation at Mexico City. *Earth and Space Science*, **2018**, 5, 473-485	3.1	4
29	The Relative Influence of Atmospheric and Oceanic Model Resolution on the Circulation of the North Atlantic Ocean in a Coupled Climate Model. *Journal of Advances in Modeling Earth Systems*, **2018**, 10, 2026-2041	7.1	36
28	Behaviour of Quercus pollen in the air, determination of its sources and transport through the atmosphere of Mexico City and conurbated areas. *International Journal of Biometeorology*, **2018**, 62, 1721-1732	3.7	4

27	A multi-model ensemble view of winter heat flux dynamics and the dipole mode in the Mediterranean Sea. *Climate Dynamics*, **2017**, 48, 1089-1108	4.2	3
26	The South Atlantic Anticyclone as a key player for the representation of the tropical Atlantic climate in coupled climate models. *Climate Dynamics*, **2017**, 48, 4051-4069	4.2	39
25	Ocean Modeling on a Mesh With Resolution Following the Local Rossby Radius. *Journal of Advances in Modeling Earth Systems*, **2017**, 9, 2601-2614	7.1	34
24	Characterization of the wind speed variability and future change in the Iberian Peninsula and the Balearic Islands. *Wind Energy*, **2016**, 19, 1223-1237	3.4	16
23	Bias reduction in decadal predictions of West African monsoon rainfall using regional climate models. *Journal of Geophysical Research D: Atmospheres*, **2016**, 121, 1715-1735	4.4	20
22	Med-CORDEX Initiative for Mediterranean Climate Studies. *Bulletin of the American Meteorological Society*, **2016**, 97, 1187-1208	6.1	169
21	Regionally coupled atmosphere-ocean-sea ice-marine biogeochemistry model ROM: 1. Description and validation. *Journal of Advances in Modeling Earth Systems*, **2015**, 7, 268-304	7.1	78
20	The effect of additional citations in the stability of Journal Citation Report categories. *Scientometrics*, **2014**, 98, 1113-1130	3	5
19	Sensitivity of simulated regional Arctic climate to the choice of coupled model domain. *Tellus, Series A: Dynamic Meteorology and Oceanography*, **2014**, 66, 23966	2	38
18	Present-climate precipitation and temperature extremes over Spain from a set of high resolution RCMs. *Climate Research*, **2013**, 58, 149-164	1.6	40
17	Mean fields and interannual variability in RCM simulations over Spain: the ESCENA project. *Climate Research*, **2013**, 57, 201-220	1.6	24
16	On the Structure and Teleconnections of North Atlantic Decadal Variability. *Journal of Climate*, **2011**, 24, 2209-2223	4.4	13
15	An Assessment of Differences in ENSO Mechanisms in a Coupled GCM Simulation. *Journal of Climate*, **2006**, 19, 69-87	4.4	4
14	. *Tellus, Series A: Dynamic Meteorology and Oceanography*, **2002**, 54, 245-259	2	3
13	Empirical forecasts of tropical Atlantic sea surface temperature anomalies. *Quarterly Journal of the Royal Meteorological Society*, **2000**, 126, 2199-2210	6.4	3
12	The variability of the tropical Atlantic. *Journal of Geophysical Research*, **1998**, 103, 7475-7489		4
11	El impacto de la producci cient ica de la Universidad de Alcal de Henares. *Revista Espanola De Documentacion Cientifica*, **1998**, 21, 402-415	0.7	6
10	Dirac equation in external fields: Separation of variables in curvilinear coordinates. *Journal of Mathematical Physics*, **1992**, 33, 914-925	1.2	8

9	Dirac equation in external fields: Separation of variables in nondiagonal metrics. *Journal of Mathematical Physics*, **1992**, 33, 297-303	1.2	3
8	Separation of variables in the Dirac equation for one class of non-diagonal metrics. *Classical and Quantum Gravity*, **1992**, 9, 713-720	3.3	2
7	The Dirac equation in external fields: Variable separation in Cartesian coordinates. *Journal of Mathematical Physics*, **1991**, 32, 3184-3188	1.2	11
6	Future projections of Mediterranean cyclone characteristics using the Med-CORDEX ensemble of coupled regional climate system models. *Climate Dynamics*,1	4.2	6
5	Generation of equatorial Atlantic warm and cold events in a coupled general circulation model simulation		3
4	Impact of airSea coupling on the climate change signal over the Iberian Peninsula. *Climate Dynamics*,1	4.2	1
3	Assessment of the Canary current upwelling system in a regionally coupled climate model. *Climate Dynamics*,1	4.2	0
2	Will deep water formation collapse in the North Western Mediterranean Sea by the end of the 21st century?		1
1	Regional earth system modelling framework for CORDEX-SA: an integrated model assessment for Indian summer monsoon rainfall. *Climate Dynamics*,1	4.2	1