

# E J D Campos

## List of Publications by Year in descending order

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77  
papers

3,799  
citations

136950

32  
h-index

128289

60  
g-index

79  
all docs

79  
docs citations

79  
times ranked

3316  
citing authors

#	ARTICLE	IF	CITATIONS
1	Water exchange across the Strait of Hormuz. Effects of tides and rivers runoff. <i>Regional Studies in Marine Science</i> , 2022, 52, 102336.	0.7	1
2	Simulation of cyclonic wave conditions in the Gulf of Oman. <i>Natural Hazards</i> , 2021, 105, 2203-2217.	3.4	4
3	The South Atlantic Meridional Overturning Circulation and Mesoscale Eddies in the First GO-SHIP Section at 34.5°S. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016962.	2.6	12
4	Multi-Year Estimates of Daily Heat Transport by the Atlantic Meridional Overturning Circulation at 34.5°S. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016947.	2.6	8
5	Brazil Current Volume Transport Variability During 2009–2015 From a Long-Term Moored Array at 34.5°S. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017146.	2.6	7
6	Environmental aspects of semi-closed lagoons in the Sharjah coastline during spring/neap tides, southern Arabian/Persian Gulf coast. <i>Regional Studies in Marine Science</i> , 2021, 46, 101896.	0.7	2
7	Warming Trend in Antarctic Bottom Water in the Vema Channel in the South Atlantic. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094709.	4.0	16
8	Analysis of wave climate and trends in a semi-enclosed basin (Persian Gulf) using a validated SWAN model. <i>Ocean Engineering</i> , 2020, 196, 106821.	4.3	40
9	Temporal streamflow reduction and impact on the salt dynamics of the São Francisco River Estuary and adjacent coastal zone (NE/Brazil). <i>Regional Studies in Marine Science</i> , 2020, 38, 101363.	0.7	11
10	Wave energy flux variability and trend along the United Arab Emirates coastline based on a 40-year hindcast. <i>Renewable Energy</i> , 2020, 160, 1194-1205.	8.9	10
11	Highly variable upper and abyssal overturning cells in the South Atlantic. <i>Science Advances</i> , 2020, 6, eaba7573.	10.3	26
12	Observed Ocean Bottom Temperature Variability at Four Sites in the Northwestern Argentine Basin: Evidence of Decadal Deep/Abyssal Warming Amidst Hourly to Interannual Variability During 2009–2019. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089093.	4.0	21
13	Freshwater budget in the Persian (Arabian) Gulf and exchanges at the Strait of Hormuz. <i>PLoS ONE</i> , 2020, 15, e0233090.	2.5	18
14	A methodology for data gap filling in wave records using Artificial Neural Networks. <i>Applied Ocean Research</i> , 2020, 98, 102109.	4.1	28
15	Biophysical model of coral population connectivity in the Arabian/Persian Gulf. <i>Advances in Marine Biology</i> , 2020, 87, 193-221.	1.4	7
16	Impacts of brine disposal from water desalination plants on the physical environment in the Persian/Arabian Gulf. <i>Environmental Research Communications</i> , 2020, 2, 125003.	2.3	10
17	Memory Effect of the Southern Atlantic Subtropical Dipole. <i>Journal of Climate</i> , 2020, 33, 7679-7696.	3.2	4
18	Variability of the Oceans. , 2020, , 1-53.		2

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19	Freshwater budget in the Persian (Arabian) Gulf and exchanges at the Strait of Hormuz. , 2020, 15, e0233090.		0
20	Freshwater budget in the Persian (Arabian) Gulf and exchanges at the Strait of Hormuz. , 2020, 15, e0233090.		0
21	Freshwater budget in the Persian (Arabian) Gulf and exchanges at the Strait of Hormuz. , 2020, 15, e0233090.		0
22	Freshwater budget in the Persian (Arabian) Gulf and exchanges at the Strait of Hormuz. , 2020, 15, e0233090.		0
23	Global Perspectives on Observing Ocean Boundary Current Systems. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	39
24	The Global Ocean Ship-Based Hydrographic Investigations Program (GO-SHIP): A Platform for Integrated Multidisciplinary Ocean Science. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	60
25	Abyssal Transport Variations in the Southwest South Atlantic: First Insights From a Long-Term Observation Array at 34.5°S. <i>Geophysical Research Letters</i> , 2019, 46, 6699-6705.	4.0	6
26	PIRATA: A Sustained Observing System for Tropical Atlantic Climate Research and Forecasting. <i>Earth and Space Science</i> , 2019, 6, 577-616.	2.6	63
27	Seasonal Variability of Retroflexion Structures and Transports in the Atlantic Ocean as Inferred from Satellite-Derived Salinity Maps. <i>Remote Sensing</i> , 2019, 11, 802.	4.0	4
28	The impacts of the Indonesian Throughflow on the inter-basin seesaw mechanism, in idealized experiments. <i>International Journal of Climatology</i> , 2018, 38, e985.	3.5	1
29	The impacts of the atmospheric annular mode on the AMOC and its feedback in an idealized experiment. <i>Dynamics of Atmospheres and Oceans</i> , 2018, 81, 30-41.	1.8	1
30	Meridional Overturning Circulation Transport Variability at 34.5°S During 2009–2017: Baroclinic and Barotropic Flows and the Dueling Influence of the Boundaries. <i>Geophysical Research Letters</i> , 2018, 45, 4180-4188.	4.0	55
31	Strong Mixing and Recirculation in the Northwestern Argentine Basin. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 4624-4648.	2.6	43
32	Impacts of Agulhas Leakage on the Tropical Atlantic Western Boundary Systems. <i>Journal of Climate</i> , 2017, 30, 6645-6659.	3.2	13
33	Characteristics and causes of Deep Western Boundary Current transport variability at 34.5°S during 2009–2014. <i>Ocean Science</i> , 2017, 13, 175-194.	3.4	26
34	Inter-comparison studies between high-resolution HYCOM simulation and observational data: The South Atlantic and the Agulhas leakage system. <i>Journal of Marine Systems</i> , 2016, 159, 76-88.	2.1	8
35	Remote influence of Interdecadal Pacific Oscillation on the South Atlantic meridional overturning circulation variability. <i>Geophysical Research Letters</i> , 2016, 43, 8250-8258.	4.0	25
36	The Impact of ENSO on the South Atlantic Subtropical Dipole Mode. <i>Journal of Climate</i> , 2015, 28, 2691-2705.	3.2	68

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37	Response of the surface tropical Atlantic Ocean to wind forcing. <i>Progress in Oceanography</i> , 2015, 134, 271-292.	3.2	9
38	Basin-Wide Oceanographic Array Bridges the South Atlantic. <i>Eos</i> , 2014, 95, 53-54.	0.1	36
39	DESIGN AND IMPLEMENTATION OF THE OCEANOGRAPHIC MODELING AND OBSERVATION NETWORK (REMO) FOR OPERATIONAL OCEANOGRAPHY AND OCEAN FORECASTING. <i>Revista Brasileira De Geofisica</i> , 2014, 31, 210.	0.2	14
40	The seasonal circulation of the Eastern Brazilian shelf between 10°S and 16°S: A modelling approach. <i>Continental Shelf Research</i> , 2013, 65, 121-140.	1.8	21
41	Temporal variability of the meridional overturning circulation at 34.5°S: Results from two pilot boundary arrays in the South Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 6461-6478.	2.6	70
42	Events of equatorward translation of the Vitoria Eddy. <i>Continental Shelf Research</i> , 2013, 70, 61-73.	1.8	35
43	Tracing latitudinal gradient, river discharge and water masses along the subtropical South American coast using benthic Foraminifera assemblages. <i>Brazilian Journal of Biology</i> , 2012, 72, 723-759.	0.9	14
44	The influence of large-scale circulation, transient and local processes on the seasonal circulation of the Eastern Brazilian Shelf, 13°S. <i>Continental Shelf Research</i> , 2012, 32, 47-61.	1.8	21
45	The Impacts of Inter-El Niño Variability on the Tropical Atlantic and Northeast Brazil Climate. <i>Journal of Climate</i> , 2011, 24, 3402-3422.	3.2	118
46	Dynamics of the Brazil-Malvinas Confluence: Energy Conversions. <i>Journal of Physics: Conference Series</i> , 2011, 285, 012045.	0.4	3
47	Impacts of interruption of the Agulhas leakage on the tropical Atlantic in coupled ocean-atmosphere simulations. <i>Climate Dynamics</i> , 2011, 36, 989-1003.	3.8	27
48	A two-layer approximation to the Brazil Current-Intermediate Western Boundary Current System between 20°S and 28°S. <i>Ocean Modelling</i> , 2009, 29, 154-158.	2.4	20
49	Benthic foraminiferal assemblages of the South Brazil: Relationship to water masses and nutrient distributions. <i>Continental Shelf Research</i> , 2008, 28, 1674-1686.	1.8	29
50	PLATA: A synoptic characterization of the southwest Atlantic shelf under influence of the Plata River and Patos Lagoon outflows. <i>Continental Shelf Research</i> , 2008, 28, 1551-1555.	1.8	33
51	The effects of river discharge and seasonal winds on the shelf off southeastern South America. <i>Continental Shelf Research</i> , 2008, 28, 1607-1624.	1.8	285
52	Variability of the subtropical shelf front off eastern South America: Winter 2003 and summer 2004. <i>Continental Shelf Research</i> , 2008, 28, 1639-1648.	1.8	129
53	A note on a mineralogical analysis of the sediments associated with the Plata River and Patos Lagoon outflows. <i>Continental Shelf Research</i> , 2008, 28, 1687-1691.	1.8	26
54	Submesoscale activity over the Argentinian shelf. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	75

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55	Influence of the Meridional Overturning Circulation on Tropical Atlantic Climate and Variability. <i>Journal of Climate</i> , 2008, 21, 1403-1416.	3.2	30
56	THE PIRATA PROGRAM. <i>Bulletin of the American Meteorological Society</i> , 2008, 89, 1111-1126.	3.3	309
57	Negative ocean-atmosphere feedback in the South Atlantic Convergence Zone. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	62
58	Application of wavelet transform in the study of coastal trapped waves off the west coast of South America. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	22
59	Equatorward translation of the Vitoria Eddy in a numerical simulation. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	33
60	Dominant Modes of Variability in the South Atlantic: A Study with a Hierarchy of Ocean-Atmosphere Models. <i>Journal of Climate</i> , 2005, 18, 1719-1735.	3.2	50
61	A numerical study of the Plata River plume along the southeastern South American continental shelf. <i>Brazilian Journal of Oceanography</i> , 2005, 53, 129-146.	0.6	38
62	The influence of the Plata River discharge on the western South Atlantic shelf. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	256
63	Investigation of the North Brazil Current retroflexion and North Equatorial Countercurrent variability. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	43
64	A Modelling Study of Coastal Upwelling Driven by Wind and Meanders of the Brazil Current. <i>Journal of Coastal Research</i> , 2004, 203, 662-671.	0.3	51
65	Atmospheric response to South Atlantic SST dipole. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	34
66	First direct measurements of currents on the continental shelf of Southern Brazil. <i>Continental Shelf Research</i> , 2002, 22, 1975-1986.	1.8	44
67	Sea surface temperature anomalies on the Western South Atlantic from 1982 to 1994. <i>Continental Shelf Research</i> , 2001, 21, 89-112.	1.8	48
68	The annual cycle of satellite derived sea surface temperature on the western South Atlantic shelf. <i>Revista Brasileira De Oceanografia</i> , 2000, 48, 93-105.	0.2	10
69	Shelf break upwelling driven by Brazil Current Cyclonic Meanders. <i>Geophysical Research Letters</i> , 2000, 27, 751-754.	4.0	249
70	Subtropical Shelf Front off eastern South America. <i>Journal of Geophysical Research</i> , 2000, 105, 6565-6578.	3.3	355
71	A corrente do Brasil ao largo da costa leste brasileira. <i>Revista Brasileira De Oceanografia</i> , 2000, 48, 171-183.	0.2	254
72	Interannual variability of the sea surface temperature in the South Brazil Bight. <i>Geophysical Research Letters</i> , 1999, 26, 2061-2064.	4.0	83

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73	Experiment studies circulation in the western South Atlantic. Eos, 1996, 77, 253-259.	0.1	49
74	Numerical diagnostic of the circulation in the Santos Bight with COROAS hydrographic data. Revista Brasileira De Oceanografia, 1996, 44, 105-121.	0.2	5
75	Water mass characteristics and geostrophic circulation in the South Brazil Bight: Summer of 1991. Journal of Geophysical Research, 1995, 100, 18537.	3.3	146
76	Summertime thermohaline structure off the Brazil Current Region between Santos (SP) and Rio de Janeiro (RJ). Boletim Do Instituto Oceanográfico, 1994, 42, 01-18.	0.2	1
77	Stationary Rossby Waves in Western Boundary Current Extensions. Journal of Physical Oceanography, 1991, 21, 1202-1224.	1.7	21