E J D Campos

List of Publications by Year
in descending order

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	Subtropical Shelf Front off eastern South America. Journal of Geophysical Research, 2000, 105, 6565-6578.	3.3	355
2	THE PIRATA PROGRAM. Bulletin of the American Meteorological Society, 2008, 89, 1111-1126.	3.3	309
3	The effects of river discharge and seasonal winds on the shelf off southeastern South America. Continental Shelf Research, 2008, 28, 1607-1624.	1.8	285
4	The influence of the Plata River discharge on the western South Atlantic shelf. Geophysical Research Letters, 2005, 32, .	4.0	256
5	A corrente do Brasil ao largo da costa leste brasileira. Revista Brasileira De Oceanografia, 2000, 48, 171-183.	0.2	254
6	Shelf break upwelling driven by Brazil Current Cyclonic Meanders. Geophysical Research Letters, 2000, 27, 751-754.	4.0	249
7	Water mass characteristics and geostrophic circulation in the South Brazil Bight: Summer of 1991. Journal of Geophysical Research, 1995, 100, 18537.	3.3	146
8	Variability of the subtropical shelf front off eastern South America: Winter 2003 and summer 2004. Continental Shelf Research, 2008, 28, 1639-1648.	1.8	129
9	The Impacts of Interâ€“El NiÃ±o Variability on the Tropical Atlantic and Northeast Brazil Climate. Journal of Climate, 2011, 24, 3402-3422.	3.2	118
10	Interannual variability of the sea surface temperature in the South Brazil Bight. Geophysical Research Letters, 1999, 26, 2061-2064.	4.0	83
11	Submesoscale activity over the Argentinian shelf. Geophysical Research Letters, 2008, 35, .	4.0	75
12	Temporal variability of the meridional overturning circulation at 34.5Â°S: Results from two pilot boundary arrays in the South Atlantic. Journal of Geophysical Research: Oceans, 2013, 118, 6461-6478.	2.6	70
13	The Impact of ENSO on the South Atlantic Subtropical Dipole Mode. Journal of Climate, 2015, 28, 2691-2705.	3.2	68
14	PIRATA: A Sustained Observing System for Tropical Atlantic Climate Research and Forecasting. Earth and Space Science, 2019, 6, 577-616.	2.6	63
15	Negative oceanâ€atmosphere feedback in the South Atlantic Convergence Zone. Geophysical Research Letters, 2007, 34, .	4.0	62
16	The Global Ocean Ship-Based Hydrographic Investigations Program (GO-SHIP): A Platform for Integrated Multidisciplinary Ocean Science. Frontiers in Marine Science, 2019, 6, .	2.5	60
17	Meridional Overturning Circulation Transport Variability at 34.5Â°S During 2009â€“2017: Baroclinic and Barotropic Flows and the Dueling Influence of the Boundaries. Geophysical Research Letters, 2018, 45, 4180-4188.	4.0	55
18	A Modelling Study of Coastal Upwelling Driven by Wind and Meanders of the Brazil Current. Journal of Coastal Research, 2004, 203, 662-671.	0.3	51

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19	Dominant Modes of Variability in the South Atlantic: A Study with a Hierarchy of Oceanâ€“Atmosphere Models. Journal of Climate, 2005, 18, 1719-1735.	3.2	50
20	Experiment studies circulation in the western South Atlantic. Eos, 1996, 77, 253-259.	0.1	49
21	Sea surface temperature anomalies on the Western South Atlantic from 1982 to 1994. Continental Shelf Research, 2001, 21, 89-112.	1.8	48
22	First direct measurements of currents on the continental shelf of Southern Brazil. Continental Shelf Research, 2002, 22, 1975-1986.	1.8	44
23	Investigation of the North Brazil Current retroflection and North Equatorial Countercurrent variability. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	43
24	Strong Mixing and Recirculation in the Northwestern Argentine Basin. Journal of Geophysical Research: Oceans, 2018, 123, 4624-4648.	2.6	43
25	Analysis of wave climate and trends in a semi-enclosed basin (Persian Gulf) using a validated SWAN model. Ocean Engineering, 2020, 196, 106821.	4.3	40
26	Global Perspectives on Observing Ocean Boundary Current Systems. Frontiers in Marine Science, 2019, 6, .	2.5	39
27	A numerical study of the Plata River plume along the southeastern South American continental shelf. Brazilian Journal of Oceanography, 2005, 53, 129-146.	0.6	38
28	Basinâ€Wide Oceanographic Array Bridges the South Atlantic. Eos, 2014, 95, 53-54.	0.1	36
29	Events of equatorward translation of the Vitoria Eddy. Continental Shelf Research, 2013, 70, 61-73.	1.8	35
30	Atmospheric response to South Atlantic SST dipole. Geophysical Research Letters, 2003, 30, .	4.0	34
31	Equatorward translation of the Vitoria Eddy in a numerical simulation. Geophysical Research Letters, 2006, 33, .	4.0	33
32	PLATA: A synoptic characterization of the southwest Atlantic shelf under influence of the Plata River and Patos Lagoon outflows. Continental Shelf Research, 2008, 28, 1551-1555.	1.8	33
33	Influence of the Meridional Overturning Circulation on Tropical Atlantic Climate and Variability. Journal of Climate, 2008, 21, 1403-1416.	3.2	30
34	Benthic foraminiferal assemblages of the South Brazil: Relationship to water masses and nutrient distributions. Continental Shelf Research, 2008, 28, 1674-1686.	1.8	29
35	A methodology for data gap filling in wave records using Artificial Neural Networks. Applied Ocean Research, 2020, 98, 102109.	4.1	28
36	Impacts of interruption of the Agulhas leakage on the tropical Atlantic in coupled oceanâ€“atmosphere simulations. Climate Dynamics, 2011, 36, 989-1003.	3.8	27

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37	A note on a mineralogical analysis of the sediments associated with the Plata River and Patos Lagoon outflows. Continental Shelf Research, 2008, 28, 1687-1691.	1.8	26
38	Characteristics and causes of Deep Western Boundary Current transport variability at 34.5Â°â€S during 2009â€“2014. Ocean Science, 2017, 13, 175-194.	3.4	26
39	Highly variable upper and abyssal overturning cells in the South Atlantic. Science Advances, 2020, 6, eaba7573.	10.3	26
40	Remote influence of Interdecadal Pacific Oscillation on the South Atlantic meridional overturning circulation variability. Geophysical Research Letters, 2016, 43, 8250-8258.	4.0	25
41	Application of wavelet transform in the study of coastal trapped waves off the west coast of South America. Geophysical Research Letters, 2006, 33, .	4.0	22
42	Stationary Rossby Waves in Western Boundary Current Extensions. Journal of Physical Oceanography, 1991, 21, 1202-1224.	1.7	21
43	The influence of large-scale circulation, transient and local processes on the seasonal circulation of the Eastern Brazilian Shelf, 13Â°S. Continental Shelf Research, 2012, 32, 47-61.	1.8	21
44	The seasonal circulation of the Eastern Brazilian shelf between 10Â°S and 16Â°S: A modelling approach. Continental Shelf Research, 2013, 65, 121-140.	1.8	21
45	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 2009â€“2019. Geophysical Research Letters, 2020, 47, e2020GL089093.	4.0	21
46	A two-layer approximation to the Brazil Currentâ€“Intermediate Western Boundary Current System between 20Â°S and 28Â°S. Ocean Modelling, 2009, 29, 154-158.	2.4	20
47	Freshwater budget in the Persian (Arabian) Gulf and exchanges at the Strait of Hormuz. PLoS ONE, 2020, 15, e0233090.	2.5	18
48	Warming Trend in Antarctic Bottom Water in the Vema Channel in the South Atlantic. Geophysical Research Letters, 2021, 48, e2021GL094709.	4.0	16
49	Tracing latitudinal gradient, river discharge and water masses along the subtropical South American coast using benthic Foraminifera assemblages. Brazilian Journal of Biology, 2012, 72, 723-759.	0.9	14
50	DESIGN AND IMPLEMENTATION OF THE OCEANOGRAPHIC MODELING AND OBSERVATION NETWORK (REMO) FOR OPERATIONAL OCEANOGRAPHY AND OCEAN FORECASTING. Revista Brasileira De Geofisica, 2014, 31, 210.	0.2	14
51	Impacts of Agulhas Leakage on the Tropical Atlantic Western Boundary Systems. Journal of Climate, 2017, 30, 6645-6659.	3.2	13
52	The South Atlantic Meridional Overturning Circulation and Mesoscale Eddies in the First GOâ€SHIP Section at 34.5Â°S. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016962.	2.6	12
53	Temporal streamflow reduction and impact on the salt dynamics of the SÃ£o Francisco River Estuary and adjacent coastal zone (NE/Brazil). Regional Studies in Marine Science, 2020, 38, 101363.	0.7	11
54	The annual cycle of satellite derived sea surface temperature on the western South Atlantic shelf. Revista Brasileira De Oceanografia, 2000, 48, 93-105.	0.2	10

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55	Wave energy flux variability and trend along the United Arab Emirates coastline based on a 40-year hindcast. Renewable Energy, 2020, 160, 1194-1205.	8.9	10
56	Impacts of brine disposal from water desalination plants on the physical environment in the Persian/Arabian Gulf. Environmental Research Communications, 2020, 2, 125003.	2.3	10
57	Response of the surface tropical Atlantic Ocean to wind forcing. Progress in Oceanography, 2015, 134, 271-292.	3.2	9
58	Inter-comparison studies between high-resolution HYCOM simulation and observational data: The South Atlantic and the Agulhas leakage system. Journal of Marine Systems, 2016, 159, 76-88.	2.1	8
59	Multiâ€Year Estimates of Daily Heat Transport by the Atlantic Meridional Overturning Circulation at 34.5Â°S. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016947.	2.6	8
60	Brazil Current Volume Transport Variability During 2009â€“2015 From a Longâ€Term Moored Array at 34.5Â°S. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC017146.	2.6	7
61	Biophysical model of coral population connectivity in the Arabian/Persian Gulf. Advances in Marine Biology, 2020, 87, 193-221.	1.4	7
62	Abyssal Transport Variations in the Southwest South Atlantic: First Insights From a Longâ€Term Observation Array at 34.5Â°S. Geophysical Research Letters, 2019, 46, 6699-6705.	4.0	6
63	Numerical diagnostic of the circulation in the Santos Bight with COROAS hydrographic data. Revista Brasileira De Oceanografia, 1996, 44, 105-121.	0.2	5
64	Seasonal Variability of Retroflection Structures and Transports in the Atlantic Ocean as Inferred from Satellite-Derived Salinity Maps. Remote Sensing, 2019, 11, 802.	4.0	4
65	Simulation of cyclonic wave conditions in the Gulf of Oman. Natural Hazards, 2021, 105, 2203-2217.	3.4	4
66	Memory Effect of the Southern Atlantic Subtropical Dipole. Journal of Climate, 2020, 33, 7679-7696.	3.2	4
67	Dynamics of the Brazil-Malvinas Confluence: Energy Conversions. Journal of Physics: Conference Series, 2011, 285, 012045.	0.4	3
68	Environmental aspects of semi-closed lagoons in the Sharjah coastline during spring/neap tides, southern Arabian/Persian Gulf coast. Regional Studies in Marine Science, 2021, 46, 101896.	0.7	2
69	Variability of the Oceans. , 2020, , 1-53.		2
70	The impacts of the Indonesian Throughflow on the interâ€basin seesaw mechanism, in idealized experiments. International Journal of Climatology, 2018, 38, e985.	3.5	1
71	The impacts of the atmospheric annular mode on the AMOC and its feedback in an idealized experiment. Dynamics of Atmospheres and Oceans, 2018, 81, 30-41.	1.8	1
72	Summertime thermohaline structure off the Brazil Current Region between Santos (SP) and Rio de Janeiro (RJ). Boletim Do Instituto OceanogrÃ¡fico, 1994, 42, 01-18.	0.2	1

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73	Water exchange across the Strait of Hormuz. Effects of tides and rivers runoff. Regional Studies in Marine Science, 2022, 52, 102336.	0.7	1
74	Freshwater budget in the Persian (Arabian) Gulf and exchanges at the Strait of Hormuz. , 2020, 15, e0233090.		0
75	Freshwater budget in the Persian (Arabian) Gulf and exchanges at the Strait of Hormuz. , 2020, 15, e0233090.		0
76	Freshwater budget in the Persian (Arabian) Gulf and exchanges at the Strait of Hormuz. , 2020, 15, e0233090.		0
77	Freshwater budget in the Persian (Arabian) Gulf and exchanges at the Strait of Hormuz. , 2020, 15, e0233090.		0