

João Antônio Lorenzetti

List of Publications by Year in descending order

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45
papers

1,019
citations

623734

14
h-index

434195

31
g-index

48
all docs

48
docs citations

48
times ranked

1251
citing authors

#	ARTICLE	IF	CITATIONS
1	A numerical study of the effects of bottom topography and coastline geometry on the Southeast Brazilian coastal upwelling. <i>Continental Shelf Research</i> , 2001, 21, 371-394.	1.8	136
2	The response of the South Brazil Bight to the passage of wintertime cold fronts. <i>Journal of Geophysical Research</i> , 1992, 97, 9507-9520.	3.3	126
3	Remote sensing of water surface temperature and heat flux over a tropical hydroelectric reservoir. <i>Remote Sensing of Environment</i> , 2010, 114, 2651-2665.	11.0	98
4	Remote sensing data and longline catches of yellowfin tuna (<i>Thunnus albacares</i>) in the equatorial Atlantic. <i>Remote Sensing of Environment</i> , 2004, 93, 267-281.	11.0	80
5	Assessment of Spatial Interpolation Methods to Map the Bathymetry of an Amazonian Hydroelectric Reservoir to Aid in Decision Making for Water Management. <i>ISPRS International Journal of Geo-Information</i> , 2015, 4, 220-235.	2.9	59
6	Experiment studies circulation in the western South Atlantic. <i>Eos</i> , 1996, 77, 253-259.	0.1	49
7	Tropical instability waves at 0°N, 23°W in the Atlantic: A case study using Pilot Research Moored Array in the Tropical Atlantic (PIRATA) mooring data. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	48
8	Ship Detection Using TerraSAR-X Images in the Campos Basin (Brazil). <i>IEEE Geoscience and Remote Sensing Letters</i> , 2010, 7, 545-548.	3.1	48
9	Multi-sensor satellite and in situ measurements of a warm core ocean eddy south of the Brazil-Malvinas Confluence region. <i>Remote Sensing of Environment</i> , 2006, 100, 52-66.	11.0	41
10	The effect of coastal upwelling on the sea-breeze circulation at Cabo Frio, Brazil: a numerical experiment. <i>Annales Geophysicae</i> , 1998, 16, 866-871.	1.6	40
11	Satellite observation of Brazil Current inshore thermal front in the SW South Atlantic: Space/time variability and sea surface temperatures. <i>Continental Shelf Research</i> , 2009, 29, 2061-2068.	1.8	27
12	Modeling spiny lobster larval dispersion in the Tropical Atlantic. <i>Fisheries Research</i> , 2009, 96, 206-215.	1.7	27
13	Carbon dioxide emissions from Tucuruí-reservoir (Amazon biome): New findings based on three-dimensional ecological model simulations. <i>Science of the Total Environment</i> , 2016, 551-552, 676-694.	8.0	22
14	A satellite view of riverine turbidity plumes on the NE-E Brazilian coastal zone. <i>Brazilian Journal of Oceanography</i> , 2012, 60, 283-298.	0.6	22
15	Swell and Wind-Sea Distributions over the Mid-Latitude and Tropical North Atlantic for the Period 2002-2008. <i>International Journal of Oceanography</i> , 2012, 2012, 1-8.	0.2	16
16	Multi-sensor synergistic analysis of mesoscale oceanic features: Campos Basin, south-eastern Brazil. <i>International Journal of Remote Sensing</i> , 2004, 25, 4835-4841.	2.9	14
17	Integrating historical topographic maps and SRTM data to derive the bathymetry of a tropical reservoir. <i>Journal of Hydrology</i> , 2010, 389, 311-316.	5.4	13
18	Hydro-physical processes at the plunge point: an analysis using satellite and in situ data. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 3689-3700.	4.9	12

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19	Simultaneous Measurements of Chlorophyll Concentration by Lidar, Fluorometry, above-Water Radiometry, and Ocean Color MODIS Images in the Southwestern Atlantic. <i>Sensors</i> , 2009, 9, 528-541.	3.8	11
20	Mean diel variability of surface energy fluxes over Manso Reservoir. <i>Inland Waters</i> , 2015, 5, 155-172.	2.2	11
21	RADARSAT-1 images in support of petroleum exploration: the offshore Amazon River mouth example. <i>Canadian Journal of Remote Sensing</i> , 2005, 31, 289-303.	2.4	9
22	Oil Slicks Detection From Polarimetric Data Using Stochastic Distances Between Complex Wishart Distributions. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 463-477.	4.9	9
23	Estimating Energy Dissipation Rate from Breaking Waves Using Polarimetric SAR Images. <i>Sensors</i> , 2020, 20, 6540.	3.8	9
24	The effect of Oceanic South Atlantic Convergence Zone episodes on regional SST anomalies: the roles of heat fluxes and upper-ocean dynamics. <i>Climate Dynamics</i> , 2022, 59, 2041-2065.	3.8	9
25	Two-Layer Model of Summer Circulation on the Southeast U.S. Continental Shelf. <i>Journal of Physical Oceanography</i> , 1988, 18, 591-608.	1.7	8
26	On the use of wave-absorbing layers in the treatment of open boundaries in numerical coastal circulation models. <i>Applied Mathematical Modelling</i> , 1986, 10, 339-345.	4.2	7
27	Application of remote sensing to the study of the pelagic spiny lobster larval transport in the Tropical Atlantic. <i>Brazilian Journal of Oceanography</i> , 2009, 57, 7-16.	0.6	7
28	Internal Solitary Waves in the Brazilian SE Continental Shelf: Observations by Synthetic Aperture Radar. <i>International Journal of Oceanography</i> , 2013, 2013, 1-11.	0.2	7
29	Persistent meanders and eddies lead to quasi-steady Lagrangian transport patterns in a weak western boundary current. <i>Scientific Reports</i> , 2021, 11, 497.	3.3	7
30	Influence of summertime mesoscale convective systems on the heat balance and surface mixed layer dynamics of a large Amazonian hydroelectric reservoir. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 8472-8494.	2.6	6
31	Near-inertial motions in the Brazil Current at 24°S-36°S: Observations by satellite tracked drifters. <i>Continental Shelf Research</i> , 2017, 145, 1-12.	1.8	6
32	Ship detection in the Brazilian coast using TerraSAR-X SAR images. , 2009, , .		3
33	Time series analysis of water surface temperature and heat flux components in the Itumbiara Reservoir (GO), Brazil. <i>Acta Limnologica Brasiliensia</i> , 2011, 23, 245-259.	0.4	3
34	Numerical simulations of SAR microwave imaging of the Brazil current surface front. <i>Brazilian Journal of Oceanography</i> , 2015, 63, 481-496.	0.6	3
35	Unveiling low-to-high-frequency data sampling caveats for aquaculture environmental monitoring and management. <i>Aquaculture Reports</i> , 2021, 20, 100764.	1.7	3
36	Fuzzy Logic Applied to Track Generation Areas of Swell Systems Observed by SAR. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2012, 9, 841-845.	3.1	2

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37	Assessment of temporal dynamics of evaporation in the Itumbiara reservoir, GO, using remote sensing data. Revista Ambiente & Água, 2013, 8, .	0.3	2
38	Satellite estimates of chlorophyll- a concentration in the Brazilian Southeastern continental shelf and slope waters, southwestern Atlantic. Proceedings of SPIE, 2007, , .	0.8	1
39	Observing Multimodal Ocean Wave Systems by a Multiscale Analysis of Polarimetric SAR Imagery. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 1735-1739.	3.1	1
40	The contribution of ASTER, CBERS, R99/SIPAM e OrbiSAR-1 data to improve the oceanic monitoring. , 2007, , .		0
41	Measurement of oceanic chlorophyll by LIDAR, MODIS, fluorometry and above-water radiometry. , 2007, , .		0
42	Bio-optical variability in coastal waters of southeast Brazil. , 2007, , .		0
43	Spatial and temporal dynamic of the trophic state in a large Amazonian hydroelectric reservoir. , 2014, , .		0
44	Automatic detection of marine surfactants by MODIS sunglint imagery: a study case of biogenic films off the southeastern coast of Brazil. Proceedings of SPIE, 2014, , .	0.8	0
45	Feições Oceanográficas em Imagens MODIS na Condição de Sunglint: Exemplos para a Costa Sudeste Brasileira. Revista Brasileira De Meteorologia, 2017, 32, 321-341.	0.5	0