

# Ronald Souza

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

688  
citations

623699

14  
h-index

580810

25  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lagrangian and satellite observations of the Brazilian Coastal Current. <i>Continental Shelf Research</i> , 2004, 24, 241-262.	1.8	133
2	The Tropical Atlantic Observing System. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	80
3	Ocean-atmosphere in situ observations at the Brazil-Malvinas Confluence region. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	51
4	Multiyear measurements of the oceanic and atmospheric boundary layers at the Brazil-Malvinas confluence region. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	43
5	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
6	Constraining Southern Ocean Air-Sea-Ice Fluxes Through Enhanced Observations. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	31
7	Foraging habitats of southern elephant seals, <i>Mirounga leonina</i> , from the Northern Antarctic Peninsula. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 88-89, 47-60.	1.4	28
8	Multispecies Fisheries in the Lower Amazon River and Its Relationship with the Regional and Global Climate Variability. <i>PLoS ONE</i> , 2016, 11, e0157050.	2.5	28
9	Spatial analysis of egg distribution and geographic changes in the spawning habitat of the Brazilian sardine <i>Sardinella brasiliensis</i> . <i>Journal of Fish Biology</i> , 2010, 77, 2248-2267.	1.6	27
10	Air-sea interaction at the Southern Brazilian Continental Shelf: In situ observations. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 6671-6695.	2.6	24
11	Regional modeling of the water masses and circulation annual variability at the Southern Brazilian Continental Shelf. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 1232-1253.	2.6	23
12	Uma Revisão dos Processos de Interação Oceano-Atmosfera em Regiões de Intenso Gradiente Termal do Oceano Atlântico Sul Baseada em Dados Observacionais. <i>Revista Brasileira De Meteorologia</i> , 2016, 31, 428-453.	0.5	21
13	Modulation mechanisms of marine atmospheric boundary layer at the Brazil-Malvinas Confluence region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 6266-6280.	3.3	20
14	Atmospheric boundary layer adjustment to the synoptic cycle at the Brazil-Malvinas Confluence, South Atlantic Ocean. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	18
15	Oceanic eddy-induced modifications to air-sea heat and CO2 fluxes in the Brazil-Malvinas Confluence. <i>Scientific Reports</i> , 2021, 11, 10648.	3.3	16
16	First measurements of the ocean-atmosphere CO2 fluxes at the Cabo Frio upwelling system region, Southwestern Atlantic Ocean. <i>Continental Shelf Research</i> , 2019, 181, 135-142.	1.8	14
17	Air-Sea Interactions over Eddies in the Brazil-Malvinas Confluence. <i>Remote Sensing</i> , 2021, 13, 1335.	4.0	14
18	The Role of Roughness and Stability on the Momentum Flux in the Marine Atmospheric Surface Layer: A Study on the Southwestern Atlantic Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3914-3932.	3.3	11

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19	Phyto- and protozooplankton assemblages and hydrographic variability during an early winter survey in the Southern Brazilian Continental Shelf. <i>Journal of Marine Systems</i> , 2018, 184, 36-49.	2.1	11
20	An inter-hemispheric seasonal comparison of polar amplification using radiative forcing of a quadrupling CO <sub>2</sub> experiment. <i>Annales Geophysicae</i> , 2020, 38, 1123-1138.	1.6	10
21	Observations of air-sea heat fluxes in the southwestern Atlantic under high-frequency ocean and atmospheric perturbations. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 4226-4251.	2.7	7
22	Polar Amplification and Ice Free Conditions under 1.5, 2 and 3 °C of Global Warming as Simulated by CMIP5 and CMIP6 Models. <i>Atmosphere</i> , 2021, 12, 1494.	2.3	7
23	Variabilidade das anomalias de temperatura da superfície do mar no oceano atlântico sudoeste e sua relação com o fenômeno El Niño-Oscilação Sul. <i>Revista Brasileira De Meteorologia</i> , 2011, 26, 375-391.	0.5	5
24	Temporal analysis of water masses and sea ice formation rate west of the Antarctic Peninsula in 2008 estimated from southern elephant seals' SRDL CTD data. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 149, 58-69.	1.4	5
25	Arctic Sea Ice: Decadal Simulations and Future Scenarios Using BESM-OA. <i>Atmospheric and Climate Sciences</i> , 2016, 06, 351-366.	0.3	5
26	Spatio-Temporal Variability of the Eddy Kinetic Energy in the South Atlantic Ocean. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014, 11, 2010-2014.	3.1	4
27	The Catfish Fishing in the Amazon Floodplain Lakes. <i>Oceanography &amp; Fisheries Open Access Journal</i> , 2018, 7, .	0.1	3
28	Stranding of Marine Animals: Effects of Environmental Variables. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2020, , 1-10.	0.1	2
29	The Representation of the Southern Annular Mode Signal in the Brazilian Earth System Model. <i>Atmosphere</i> , 2021, 12, 1045.	2.3	2
30	Effects of environmental variables on Magellanic penguin ( <i>Spheniscus magellanicus</i> ) strandings in southeastern Brazil. <i>Ocean and Coastal Management</i> , 2021, 210, 105704.	4.4	2
31	Dois casos de ATSM analisados através de balanço de calor parcial para o Atlântico Sudoeste. <i>Ciência E Natura</i> , 0, , 375.	0.0	1
32	Análise do Desempenho do Modelo Weather Research and Forecasting (WRF) com Diferentes Esquemas de Microfísica e Camada Limite Planetária na Ilha Deception, Antártica. <i>Revista Brasileira De Meteorologia</i> , 2016, 31, 415-427.	0.5	1
33	AVALIAÇÃO DO MODELO WRF EM RELAÇÃO À TEMPERATURA DO AR E PRESSÃO ATMOSFÉRICA DEVIDO À PASSAGEM DE UMA FRENTE FRIA SOBRE A ILHA DECEPTION, ANTÁRTICA. <i>Ciência E Natura</i> , 2013, .	0.0	0
34	High-Resolution Numerical Weather Simulation at the South Shetland Islands, Antarctic, Using WRF. <i>Anuario Do Instituto De Geociencias</i> , 2016, 39, 105.	0.2	0
35	Analysis of the Water Vapor on the Marine Atmospheric Boundary Layer Over the Region of the Brazil-Malvinas Confluence Between 2004 and 2015. <i>Anuario Do Instituto De Geociencias</i> , 2018, 40, 94-101.	0.2	0
36	Análise da Variabilidade Superficial de Temperatura e Altimetria no Oceano Atlântico Sudoeste durante o Ano de 2012. <i>Revista Brasileira De Cartografia</i> , 2018, 70, 1158-1176.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Relação entre o Vapor D'Água Atmosférico e a Temperatura da Superfície do Mar Sobre a Região da Confluência Brasil-Malvinas, com Base em Dados Coletados In Situ (Relationship between Atmospheric Tj ETQq1 1,0.784314 rgBT /Ov	0.1	0
38	Relação entre o Vapor D'Água Atmosférico e a Temperatura da Superfície do Mar Sobre a Região da Confluência Brasil-Malvinas, com Base em Dados Coletados In Situ.. Revista Brasileira De Geografia Fisica, 2019, 12, .	0.1	0
39	INFLUÊNCIA DO VAPOR D'ÁGUA NA ACURÁCIA DE DADOS DE REANÁLISE SOBRE A REGIÃO DA CONFLUÊNCIA BRASIL-MALVINAS A PARTIR DE DADOS COLETADOS IN SITU / INFLUENCE OF WATER VAPOR ON THE ACCURACY OF REANALYSIS DATA ON THE BRAZIL-MALVINAS CONFLUENCE REGION FROM DATA COLLECTED IN SITU. Brazilian Journal of Development, 2020, 6, 86028-86035.	0.1	0
40	Positive SAM trend as seen in the Brazilian Earth System Model (BESM) future scenarios. Anais Da Academia Brasileira De Ciencias, 2022, 94, e20210667.	0.8	0