

Carlos A F Schettini

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,004
citations

471371

17
h-index

477173

29
g-index

50
all docs

50
docs citations

50
times ranked

1137
citing authors

#	ARTICLE	IF	CITATIONS
1	The environmental impacts of one of the largest tailing dam failures worldwide. <i>Scientific Reports</i> , 2017, 7, 10706.	1.6	261
2	Sources and distribution of aromatic hydrocarbons in a tropical marine protected area estuary under influence of sugarcane cultivation. <i>Science of the Total Environment</i> , 2018, 624, 935-944.	3.9	48
3	The dynamics of a frictionally-dominated Amazonian estuary. <i>Brazilian Journal of Oceanography</i> , 2012, 60, 391-403.	0.6	40
4	Circulation and suspended particulate matter transport in a tidally dominated estuary: caravelas estuary, Bahia, Brazil. <i>Brazilian Journal of Oceanography</i> , 2010, 58, 1-11.	0.6	37
5	A snapshot of suspended sediment and fluid mud occurrence in a mixed-energy embayment, Tijucas Bay, Brazil. <i>Geo-Marine Letters</i> , 2010, 30, 47-62.	0.5	35
6	Fortnightly switching of residual flow drivers in a tropical semiarid estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 169, 46-55.	0.9	32
7	Synoptic hydrography of a highly stratified estuary. <i>Ocean Dynamics</i> , 2006, 56, 308-319.	0.9	31
8	Residual fluxes of suspended sediment in a tidally dominated tropical estuary. <i>Continental Shelf Research</i> , 2013, 70, 27-35.	0.9	31
9	Avaliação de metodologias de interpolação espacial aplicadas a dados hidrográficos costeiros quase-sinóticos. <i>Brazilian Journal of Aquatic Science and Technology</i> , 2009, 13, 53.	0.1	31
10	Aerial survey of manatees, dolphins and sea turtles off northeastern Brazil: Correlations with coastal features and human activities. <i>Biological Conservation</i> , 2013, 161, 91-100.	1.9	30
11	Hydrocarbons in sediments along a tropical estuary-shelf transition area: Sources and spatial distribution. <i>Marine Pollution Bulletin</i> , 2016, 113, 566-571.	2.3	30
12	The circulation of the lower Capibaribe Estuary (Brazil) and its implications for the transport of scalars. <i>Brazilian Journal of Oceanography</i> , 2016, 64, 263-276.	0.6	28
13	Hidrodinâmica e transporte de material particulado em suspensão sazonal em um estuário dominado por maré: Estuário de Caravelas (BA). <i>Revista Brasileira De Geofísica</i> , 2010, 28, 427-444.	0.2	28
14	Circulation and transport in short, low-inflow estuaries under anthropogenic stresses. <i>Regional Studies in Marine Science</i> , 2017, 10, 52-64.	0.4	27
15	Hydrodynamics and suspended sediment transport in the Camborió estuary - Brazil: pre jetty conditions. <i>Brazilian Journal of Oceanography</i> , 2009, 57, 123-135.	0.6	24
16	Temporal variations of temperature, salinity and circulation in the Peruápe river estuary (nova Viçosa), Tj ETQq0 0,0 rgBT /Overlock 10	0.9	21
17	Physicochemical and ecotoxicological evaluation of estuarine water quality during a dredging operation. <i>Journal of Soils and Sediments</i> , 2010, 10, 65-76.	1.5	20
18	Observation of an Estuarine Turbidity Maximum in the Highly Impacted Capibaribe Estuary, Brazil. <i>Brazilian Journal of Oceanography</i> , 2016, 64, 185-190.	0.6	18

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19	Using a cesium-137 (¹³⁷ Cs) sedimentary fallout record in the South Atlantic Ocean as a supporting tool for defining the Anthropocene. <i>Anthropocene</i> , 2016, 14, 34-45.	1.6	17
20	Intra-annual variability of phytoplankton biomass and nutrients in a tropical estuary during a severe drought. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 213, 283-293.	0.9	17
21	Marine debris on a tropical coastline: Abundance, predominant sources and fate in a region with multiple activities (Fortaleza, Cear�, northeastern Brazil). <i>Waste Management</i> , 2020, 108, 13-20.	3.7	15
22	Intra-tidal variation of stratification in a semi-arid estuary under the impact of flow regulation. <i>Brazilian Journal of Oceanography</i> , 2013, 61, 23-33.	0.6	14
23	The Suspended Sediment and Metals Load from the Mariana's Tailing Dam Failure to the Coastal Sea. <i>Integrated Environmental Assessment and Management</i> , 2020, 16, 661-668.	1.6	13
24	Caracteriza�o oceanogr�fica e do transporte de sedimentos em suspens�o no estu�rio do Rio Mampituba, SC. <i>Revista Brasileira De Geofisica</i> , 2011, 29, 217-230.	0.2	12
25	Use of <i>Tisbe biminensis</i> nauplii in ecotoxicological tests and geochemical analyses to assess the sediment quality of a tropical urban estuary in northeastern Brazil. <i>Marine Pollution Bulletin</i> , 2018, 137, 45-55.	2.3	12
26	Subtidal variability of exchange flows produced by river pulses, wind stress and fortnightly tides in a subtropical stratified estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 221, 72-82.	0.9	12
27	Circulation and fine sediment dynamics in the Amazon Macrotidal Mangrove Coast. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 574-589.	1.2	11
28	Channel curvature effects on estuarine circulation in a highly stratified tropical estuary: The S�o Francisco river estuary (Brazil). <i>Estuarine, Coastal and Shelf Science</i> , 2020, 238, 106723.	0.9	11
29	Seasonal variability of water masses and currents at the eastern Brazilian continental shelf (7.5�9�mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si37.gif" display="inline") Tj ETQq1 1 0.784314 rg3T	0.4	10
	<i>Marine Science</i> , 2017, 16, 131-144.		
30	Intratidal variability and transport of petroleum aromatic hydrocarbons in an anthropized tropical estuarine system: the Suape estuary (8.4S 35W). <i>Brazilian Journal of Oceanography</i> , 2018, 66, 47-57.	0.6	9
31	Fluvial modulation of hydrodynamics and salt transport in a highly stratified estuary. <i>Brazilian Journal of Oceanography</i> , 2010, 58, 165-175.	0.6	8
32	Spatial changes in the water quality of Itaja�-A�s�e Fluvial-Estuarine System, Santa Catarina, Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2010, 82, 963-982.	0.3	8
33	Circulation and suspended sediment dynamics in a tropical estuary under different morphological setting. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 1265-1276.	0.3	8
34	Spatial and temporal variation of the zooplankton community in the area of influence of the Itaja�-a�su River, SC (BRAZIL). <i>Brazilian Journal of Oceanography</i> , 2008, 56, 211-224.	0.6	7
35	Morphological evolution of a macrotidal back�barrier environment: The Amazon Coast. <i>Sedimentology</i> , 2020, 67, 3492-3512.	1.6	7
36	Three-dimensional hydrodynamic modeling of the Santos-S�o Vicente-Bertioga estuarine system, Brazil. <i>Regional Studies in Marine Science</i> , 2020, 37, 101348.	0.4	7

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37	Tidal and sub-tidal sea level variability at the northern shelf of the Brazilian Northeast Region. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 1371-1386.	0.3	5
38	Effect of shellfish culture on phytodetritus vertical fluxes in tropical waters: southern Brazil. <i>Revista Brasileira De Oceanografia</i> , 1998, 46, 125-133.	0.2	5
39	Circulation and transport processes in a tidally forced salt-wedge estuary: The São Francisco river estuary, Northeast Brazil. <i>Regional Studies in Marine Science</i> , 2021, 41, 101602.	0.4	4
40	The 2004 Sumatra tsunami effect on the Itajaí estuary water level, Santa Catarina, Brazil. <i>Brazilian Journal of Oceanography</i> , 2012, 60, 461-466.	0.6	4
41	The role of tides, river discharge and wind on the residual circulation of Maputo Bay. <i>Regional Studies in Marine Science</i> , 2021, 41, 101604.	0.4	3
42	Tides and sea level variability decomposition in the Port of Santos Waterway. <i>Brazilian Journal of Oceanography</i> , 0, 67, .	0.6	3
43	Hydrodynamics of the Itapocu river and the Barra Velha lagoon estuarine system, SC, Brazil. <i>Revista Brasileira De Geofísica</i> , 2010, 28, 321-329.	0.2	2
44	Circulation and suspended sediment transport in a sediment starving ria: the Itapessoca. <i>Ocean and Coastal Research</i> , 0, 69, .	0.3	2
45	Variabilidade temporal da posição dos bancos arenosos da praia do Cassino (RS): uma análise através de imagens de vídeo. <i>Pesquisas Em Geociencias</i> , 2012, 39, 195.	0.1	2
46	Transport processes in the Santa Cruz Channel, Brazil. <i>Regional Studies in Marine Science</i> , 2021, 45, 101812.	0.4	1
47	Modeling an arrested salt-wedge estuary subjected to variable river flow. <i>Regional Studies in Marine Science</i> , 2021, 47, 101993.	0.4	1
48	Transporte de sedimentos em suspensão em um estuário altamente estratificado sob condições de descarga fluvial transiente. <i>Pesquisas Em Geociencias</i> , 2011, 38, 225.	0.1	1
49	Petroleum hydrocarbons in Brazilian Northeast continental shelf waters: baseline values. <i>Ocean and Coastal Research</i> , 0, 70, .	0.3	1
50	Comparative hydrodynamics of a sub-tropical salt-wedge estuary and a tributary. <i>Ocean and Coastal Research</i> , 0, 69, .	0.3	0