

Carlos A F Schettini

List of Publications by Year in descending order

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50
papers

1,004
citations

471371

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h-index

477173

29
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50
docs citations

50
times ranked

1137
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Transport processes in the Santa Cruz Channel, Brazil. <i>Regional Studies in Marine Science</i> , 2021, 45, 101812.	0.4	1
4	Modeling an arrested salt-wedge estuary subjected to variable river flow. <i>Regional Studies in Marine Science</i> , 2021, 47, 101993.	0.4	1
5	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
6	Morphological evolution of a macrotidal back-barrier environment: The Amazon Coast. <i>Sedimentology</i> , 2020, 67, 3492-3512.	1.6	7
7	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
8	Three-dimensional hydrodynamic modeling of the Santos-São Vicente-Bertioga estuarine system, Brazil. <i>Regional Studies in Marine Science</i> , 2020, 37, 101348.	0.4	7
9	Channel curvature effects on estuarine circulation in a highly stratified tropical estuary: The São Francisco river estuary (Brazil). <i>Estuarine, Coastal and Shelf Science</i> , 2020, 238, 106723.	0.9	11
10	Marine debris on a tropical coastline: Abundance, predominant sources and fate in a region with multiple activities (Fortaleza, Ceará, northeastern Brazil). <i>Waste Management</i> , 2020, 108, 13-20.	3.7	15
11	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
12	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
13	Use of <i>Tisbe biminiensis</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
14	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
15	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
16	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
17	Seasonal variability of water masses and currents at the eastern Brazilian continental shelf (7.5°S-9°S). <i>Marine Science</i> , 2017, 16, 131-144.	0.4	10
18	The environmental impacts of one of the largest tailing dam failures worldwide. <i>Scientific Reports</i> , 2017, 7, 10706.	1.6	261

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	Temporal variations of temperature, salinity and circulation in the PeruÁpe river estuary (nova ViÁsosa,) Tj ETQq0 0.0 r gBT /Overlock 10	0.9	21
27	Residual fluxes of suspended sediment in a tidally dominated tropical estuary. <i>Continental Shelf Research</i> , 2013, 70, 27-35.	0.9	31
28	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
29	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
30	The dynamics of a frictionally-dominated Amazonian estuary. <i>Brazilian Journal of Oceanography</i> , 2012, 60, 391-403.	0.6	40
31	The 2004 Sumatra tsunami effect on the ItajaÁ-ÁÁsu estuary water level, Santa Catarina, Brazil. <i>Brazilian Journal of Oceanography</i> , 2012, 60, 461-466.	0.6	4
32	Variabilidade temporal da posiÁÁo dos bancos arenosos da praia do Cassino (RS): uma anÁlise atravÁs de imagens de vÁdeo. <i>Pesquisas Em Geociencias</i> , 2012, 39, 195.	0.1	2
33	CaracterizaÁo oceanogrÁfica e do transporte de sedimentos em suspensÁo no estuÁrio do Rio Mampituba, SC. <i>Revista Brasileira De Geofisica</i> , 2011, 29, 217-230.	0.2	12
34	Transporte de sedimentos em suspensÁo em um estuÁrio altamente estratificado sob condiÁes de descarga fluvial transiente. <i>Pesquisas Em Geociencias</i> , 2011, 38, 225.	0.1	1
35	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
36	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

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37	Fluvial modulation of hydrodynamics and salt transport in a highly stratified estuary. Brazilian Journal of Oceanography, 2010, 58, 165-175.	0.6	8
38	Hydrodynamics of the Itapocu river and the Barra Velha lagoon estuarine system, SC, Brazil. Revista Brasileira De Geofisica, 2010, 28, 321-329.	0.2	2
39	Spatial changes in the water quality of Itajaí-Açu Fluvial-Estuarine System, Santa Catarina, Brazil. Anais Da Academia Brasileira De Ciencias, 2010, 82, 963-982.	0.3	8
40	Hidrodinâmica e transporte de material particulado em suspensão sazonal em um estuário dominado por maré: Estuário de Caravelas (BA). Revista Brasileira De Geofisica, 2010, 28, 427-444.	0.2	28
41	Circulation and suspended particulate matter transport in a tidally dominated estuary: caravelas estuary, Bahia, Brazil. Brazilian Journal of Oceanography, 2010, 58, 1-11.	0.6	37
42	Avaliação de metodologias de interpolação espacial aplicadas a dados hidrográficos costeiros quase-sinóticos. Brazilian Journal of Aquatic Science and Technology, 2009, 13, 53.	0.1	31
43	Hydrodynamics and suspended sediment transport in the Camboriú estuary - Brazil: pre jetty conditions. Brazilian Journal of Oceanography, 2009, 57, 123-135.	0.6	24
44	Spatial and temporal variation of the zooplankton community in the area of influence of the Itajaí-açu River, SC (BRAZIL). Brazilian Journal of Oceanography, 2008, 56, 211-224.	0.6	7
45	Synoptic hydrography of a highly stratified estuary. Ocean Dynamics, 2006, 56, 308-319.	0.9	31
46	Effect of shellfish culture on phytodetritus vertical fluxes in tropical waters: southern Brazil. Revista Brasileira De Oceanografia, 1998, 46, 125-133.	0.2	5
47	Comparative hydrodynamics of a sub-tropical salt-wedge estuary and a tributary. Ocean and Coastal Research, 0, 69, .	0.3	0
48	Circulation and suspended sediment transport in a sediment starving ria: the Itapessoca. Ocean and Coastal Research, 0, 69, .	0.3	2
49	Tides and sea level variability decomposition in the Port of Santos Waterway. Brazilian Journal of Oceanography, 0, 67, .	0.6	3
50	Petroleum hydrocarbons in Brazilian Northeast continental shelf waters: baseline values. Ocean and Coastal Research, 0, 70, .	0.3	1