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	471509 17 h-index	477307 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. Scientific Reports, 2017, 7, 10706.	3.3	261
2	Sources and distribution of aromatic hydrocarbons in a tropical marine protected area estuary under influence of sugarcane cultivation. Science of the Total Environment, 2018, 624, 935-944.	8.0	48
3	The dynamics of a frictionally-dominated Amazonian estuary. Brazilian Journal of Oceanography, 2012, 60, 391-403.	0.6	40
4	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
5	A snapshot of suspended sediment and fluid mud occurrence in a mixed-energy embayment, Tijucas Bay, Brazil. Geo-Marine Letters, 2010, 30, 47-62.	1.1	35
6	Fortnightly switching of residual flow drivers in a tropical semiarid estuary. Estuarine, Coastal and Shelf Science, 2016, 169, 46-55.	2.1	32
7	Synoptic hydrography of a highly stratified estuary. Ocean Dynamics, 2006, 56, 308-319.	2.2	31
8	Residual fluxes of suspended sediment in a tidally dominated tropical estuary. Continental Shelf Research, 2013, 70, 27-35.	1.8	31
9	AvaliaÃ§Ã£o de metodologias de interpolaÃ§Ã£o espacial aplicadas a dados hidrogrÃ¡ficos costeiros quase-sinÃ³ticos. Brazilian Journal of Aquatic Science and Technology, 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. Biological Conservation, 2013, 161, 91-100.	4.1	30
11	Hydrocarbons in sediments along a tropical estuary-shelf transition area: Sources and spatial distribution. Marine Pollution Bulletin, 2016, 113, 566-571.	5.0	30
12	The circulation of the lower Capibaribe Estuary (Brazil) and its implications for the transport of scalars. Brazilian Journal of Oceanography, 2016, 64, 263-276.	0.6	28
13	HidrodinÃ¢mica e transporte de material particulado em suspensÃ£o sazonal em um estuÃ¡rio dominado por marÃ©: EstuÃ¡rio de Caravelas (BA). Revista Brasileira De Geofisica, 2010, 28, 427-444.	0.2	28
14	Circulation and transport in short, low-inflow estuaries under anthropogenic stresses. Regional Studies in Marine Science, 2017, 10, 52-64.	0.7	27
15	Hydrodynamics and suspended sediment transport in the CamboriÃº estuary - Brazil: pre jetty conditions. Brazilian Journal of Oceanography, 2009, 57, 123-135.	0.6	24
16	Temporal variations of temperature, salinity and circulation in the PeruÃpe river estuary (nova ViÃ§osa,) Tj ETQq0 0 0 rgBT /Overlock 10	1.8	21
17	Physicochemical and ecotoxicological evaluation of estuarine water quality during a dredging operation. Journal of Soils and Sediments, 2010, 10, 65-76.	3.0	20
18	Observation of an Estuarine Turbidity Maximum in the Highly Impacted Capibaribe Estuary, Brazil. Brazilian Journal of Oceanography, 2016, 64, 185-190.	0.6	18

#	Article	IF	Citations
19	Using a cesium-137 (137 Cs) sedimentary fallout record in the South Atlantic Ocean as a supporting tool for defining the Anthropocene. Anthropocene, 2016, 14, 34-45.	3.3	17
20	Intra-annual variability of phytoplankton biomass and nutrients in a tropical estuary during a severe drought. Estuarine, Coastal and Shelf Science, 2018, 213, 283-293.	2.1	17
21	Marine debris on a tropical coastline: Abundance, predominant sources and fate in a region with multiple activities (Fortaleza, CearÃ¡, northeastern Brazil). Waste Management, 2020, 108, 13-20.	7.4	15
22	Intra-tidal variation of stratification in a semi-arid estuary under the impact of flow regulation. Brazilian Journal of Oceanography, 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. Integrated Environmental Assessment and Management, 2020, 16, 661-668.	2.9	13
24	CaracterizaÃ§Ã£o oceanogrÃ¡fica e do transporte de sedimentos em suspensÃ£o no estuÃ¡rio do Rio Mampituba, SC. Revista Brasileira De Geofisica, 2011, 29, 217-230.	0.2	12
25	Use of Tisbe biminiensis nauplii in ecotoxicological tests and geochemical analyses to assess the sediment quality of a tropical urban estuary in northeastern Brazil. Marine Pollution Bulletin, 2018, 137, 45-55.	5.0	12
26	Subtidal variability of exchange flows produced by river pulses, wind stress and fortnightly tides in a subtropical stratified estuary. Estuarine, Coastal and Shelf Science, 2019, 221, 72-82.	2.1	12
27	Circulation and fineâ€sediment dynamics in the Amazon Macrotidal Mangrove Coast. Earth Surface Processes and Landforms, 2020, 45, 574-589.	2.5	11
28	Channel curvature effects on estuarine circulation in a highly stratified tropical estuary: The SÃ£o Francisco river estuary (Brazil). Estuarine, Coastal and Shelf Science, 2020, 238, 106723.	2.1	11
29	Seasonal variability of water masses and currents at the eastern Brazilian continental shelf (7.5â€“9<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si37.gif" display="inline") Tj ETQq1 1 0.784314 rg BT Marine Science, 2017, 16, 131-144.	0.7	10
30	Intratidal variability and transport of petroleum aromatic hydrocarbons in an anthropized tropical estuarine system: the Suape estuary (8.4S 35W). Brazilian Journal of Oceanography, 2018, 66, 47-57.	0.6	9
31	Fluvial modulation of hydrodynamics and salt transport in a highly stratified estuary. Brazilian Journal of Oceanography, 2010, 58, 165-175.	0.6	8
32	Spatial changes in the water quality of ItajaÃ-AÃ§Ãº Fluvial-Estuarine System, Santa Catarina, Brazil. Anais Da Academia Brasileira De Ciencias, 2010, 82, 963-982.	0.8	8
33	Circulation and suspended sediment dynamics in a tropical estuary under different morphological setting. Anais Da Academia Brasileira De Ciencias, 2016, 88, 1265-1276.	0.8	8
34	Spatial and temporal variation of the zooplankton community in the area of influence of the ItajaÃ-aÃ§u River, SC (BRAZIL). Brazilian Journal of Oceanography, 2008, 56, 211-224.	0.6	7
35	Morphological evolution of a macrotidal backâ€barrier environment: The Amazon Coast. Sedimentology, 2020, 67, 3492-3512.	3.1	7
36	Three-dimensional hydrodynamic modeling of the Santos-SÃ£o Vicente-Bertioga estuarine system, Brazil. Regional Studies in Marine Science, 2020, 37, 101348.	0.7	7

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37	Tidal and sub-tidal sea level variability at the northern shelf of the Brazilian Northeast Region. Anais Da Academia Brasileira De Ciencias, 2016, 88, 1371-1386.	0.8	5
38	Effect of shellfish culture on phytodetritus vertical fluxes in tropical waters: southern Brazil. Revista Brasileira De Oceanografia, 1998, 46, 125-133.	0.2	5
39	Circulation and transport processes in a tidally forced salt-wedge estuary: The SÃ£o Francisco river estuary, Northeast Brazil. Regional Studies in Marine Science, 2021, 41, 101602.	0.7	4
40	The 2004 Sumatra tsunami effect on the ItajaÃ-AÃ§u estuary water level, Santa Catarina, Brazil. Brazilian Journal of Oceanography, 2012, 60, 461-466.	0.6	4
41	The role of tides, river discharge and wind on the residual circulation of Maputo Bay. Regional Studies in Marine Science, 2021, 41, 101604.	0.7	3
42	Tides and sea level variability decomposition in the Port of Santos Waterway. Brazilian Journal of Oceanography, 0, 67, .	0.6	3
43	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
44	Circulation and suspended sediment transport in a sediment starving ria: the Itapessoca. Ocean and Coastal Research, 0, 69, .	0.6	2
45	Variabilidade temporal da posiÃ§Ã£o dos bancos arenosos da praia do Cassino (RS): uma anÃ¡lise atravÃ©s de imagens de vÃdeo. Pesquisas Em Geociencias, 2012, 39, 195.	0.1	2
46	Transport processes in the Santa Cruz Channel, Brazil. Regional Studies in Marine Science, 2021, 45, 101812.	0.7	1
47	Modeling an arrested salt-wedge estuary subjected to variable river flow. Regional Studies in Marine Science, 2021, 47, 101993.	0.7	1
48	Transporte de sedimentos em suspensÃ£o em um estuÃ¡rio altamente estratificado sob condiÃ§Ãµes de descarga fluvial transiente. Pesquisas Em Geociencias, 2011, 38, 225.	0.1	1
49	Petroleum hydrocarbons in Brazilian Northeast continental shelf waters: baseline values. Ocean and Coastal Research, 0, 70, .	0.6	1
50	Comparative hydrodynamics of a sub-tropical salt-wedge estuary and a tributary. Ocean and Coastal Research, 0, 69, .	0.6	0