

# Guilherme C Lessa

## List of Publications by Year in descending order

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37  
papers

1,387  
citations

567281

15  
h-index

377865

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1238  
citing authors

#	ARTICLE	IF	CITATIONS
1	A critical review of mid- to late-Holocene sea-level fluctuations on the eastern Brazilian coastline. <i>Quaternary Science Reviews</i> , 2006, 25, 486-506.	3.0	380
2	The Brazilian sea-level curves: a critical review with emphasis on the curves from the Paranaguá and Cananéia regions. <i>Marine Geology</i> , 1997, 140, 141-166.	2.1	206
3	Oceanographic characteristics of Baía de Todos os Santos, Brazil. <i>Revista Brasileira De Geofísica</i> , 2007, 25, 363-387.	0.2	119
4	Hydrology and Salt Balance in a Large, Hypersaline Coastal Lagoon: Lagoa de Araruama, Brazil. <i>Estuarine, Coastal and Shelf Science</i> , 1996, 42, 701-725.	2.1	101
5	Stratigraphy and Holocene evolution of a regressive barrier in south Brazil. <i>Marine Geology</i> , 2000, 165, 87-108.	2.1	76
6	The tides and tidal circulation of Todos os Santos Bay, Northeast Brazil: a general characterization. <i>Anais Da Academia Brasileira De Ciencias</i> , 2001, 73, 245-261.	0.8	54
7	Morphodynamic evolution of a macrotidal barrier estuary. <i>Marine Geology</i> , 1995, 129, 25-46.	2.1	45
8	Holocene stratigraphy in the Paranaguá Bay estuary, southern Brazil. <i>Journal of Sedimentary Research</i> , 1998, 68, 1060-1076.	1.6	45
9	The Subsiding Macrotidal Barrier Estuarine System of the Eastern Amazon Coast, Northern Brazil. <i>Lecture Notes in Earth Sciences</i> , 2009, , 347-375.	0.5	45
10	Impacts of a high-discharge submarine sewage outfall on water quality in the coastal zone of Salvador (Bahia, Brazil). <i>Marine Pollution Bulletin</i> , 2016, 106, 43-48.	5.0	40
11	Evidence of a Mid-Holocene Sea Level Highstand from the Sedimentary Record of a Macrotidal Barrier and Paleoenvironmental System in Northwestern Australia. <i>Journal of Coastal Research</i> , 2006, 221, 100-112.	0.3	28
12	A numerical tidal stream energy assessment study for Baía de Todos os Santos, Brazil. <i>Renewable Energy</i> , 2017, 107, 271-287.	8.9	27
13	A reevaluation of the late quaternary sedimentation in todos os Santos Bay (BA), Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2000, 72, 573-590.	0.8	26
14	The inner shelf circulation on the Abrolhos Bank, 18°S, Brazil. <i>Continental Shelf Research</i> , 2013, 70, 13-26.	1.8	23
15	Holocene paleo-sea level changes along the coast of Rio de Janeiro, southern Brazil: Comment on Castro et al. (2014). <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 2105-2111.	0.8	21
16	The 2019 Brazilian oil spill: Insights on the physics behind the drift. <i>Journal of Marine Systems</i> , 2021, 222, 103586.	2.1	16
17	The Holocene Barrier Systems of Paranaguá and Northern Santa Catarina Coasts, Southern Brazil. <i>Lecture Notes in Earth Sciences</i> , 2009, , 135-176.	0.5	15
18	Upwelling processes along the South Equatorial Current bifurcation region and the Salvador Canyon (13°S), Brazil. <i>Continental Shelf Research</i> , 2018, 171, 77-96.	1.8	14

#	ARTICLE	IF	CITATIONS
19	Brazilian Estuaries: A Geomorphologic and Oceanographic Perspective. Brazilian Marine Biodiversity, 2018, , 1-37.	0.4	14
20	The Impact of Different Forcing Agents on the Residual Circulation in a Tropical Estuary (Baía de Todos os Santos, Brazil). Estuaries and Coasts, 2010, 33, 101-110.	0.3	13
21	Shelf-break upwelling on a very narrow continental shelf adjacent to a western boundary current formation zone. Journal of Marine Systems, 2019, 194, 52-65.	2.1	12
22	Reply to Castro et al. 2018 on "Holocene paleo-sea level changes along the coast of Rio de Janeiro, southern Brazil". Anais Da Academia Brasileira De Ciencias, 2018, 90, 1377-1380.	0.8	8
23	Twenty-six years of uneven changes in low flows due to different uses and operation of a large dam in a semiarid river. Revista Brasileira De Recursos Hidricos, 2015, 20, 523-532.	0.5	8
24	Varying Patterns of water circulation in Canal de Cotegipe, Baía de Todos os Santos. Revista Brasileira De Geofisica, 2009, 27, .	0.2	7
25	Ocean-estuary exchange variability in a large tropical estuary. Continental Shelf Research, 2019, 172, 33-49.	1.8	7
26	Continuous Monitoring Reveals Drivers of Dissolved Oxygen Variability in a Small California Estuary. Estuaries and Coasts, 2018, 41, 99-113.	2.2	6
27	Realistic modelling of shelf-estuary regions. Ocean Dynamics, 2019, 69, 1311-1331.	2.2	6
28	OCEANOGRAPHIC CHARACTERISTICS OF CAMAMU BAY (14°S, BRAZIL) DURING DRY AND WET CONDITIONS. Revista Brasileira De Geofisica, 2016, 33, .	0.2	6
29	Variability of the Thermohaline Field in a Large Tropical, Well-Mixed Estuary: the Influence of an Extreme Draught Event. Estuaries and Coasts, 2019, 42, 2020-2037.	2.2	5
30	The fresh-water discharge in Todos os Santos Bay (BA) and its significance to the general water circulation. Pesquisas Em Geociencias, 2001, 28, 85.	0.1	4
31	Long-term Variability of the Salinity Field in a Large Tropical, Well-Mixed Estuary: the Influence of Climatic Trends. Estuaries and Coasts, 2022, 45, 721-736.	2.2	4
32	High and low frequency erosive and constructive cycles in estuarine beaches: an example from Garcez Point, Bahia/Brazil. Anais Da Academia Brasileira De Ciencias, 2001, 73, 599-610.	0.8	3
33	Comments on Castro et al. (2021) "Relative sea-level curve during the Holocene in Rio de Janeiro, Southeastern Brazil: A review of the indicators - RSL, altimetric and geochronological data". Journal of South American Earth Sciences, 2022, , 103791.	1.4	2
34	ProcED: a MATLAB package for processing ADCP estuarine data. Revista Brasileira De Geofisica, 2010, 28, 183-192.	0.2	1
35	Suspended macro-aggregates of a tropical estuary in Northeast Brazil: composition and settling velocities. Geo-Marine Letters, 2020, 40, 821-828.	1.1	0
36	The Serial Bog: From Trailer to Tractors to Backhoe. Journal of Coastal Research, 2020, 101, 253.	0.3	0

#	ARTICLE	IF	CITATIONS
37	Mid- to Late Holocene sealevel changes at Abrolhos Archipelago and Bank, southwestern Atlantic, Brazil. <i>Marine Geology</i> , 2022, 450, 106841.	2.1	0