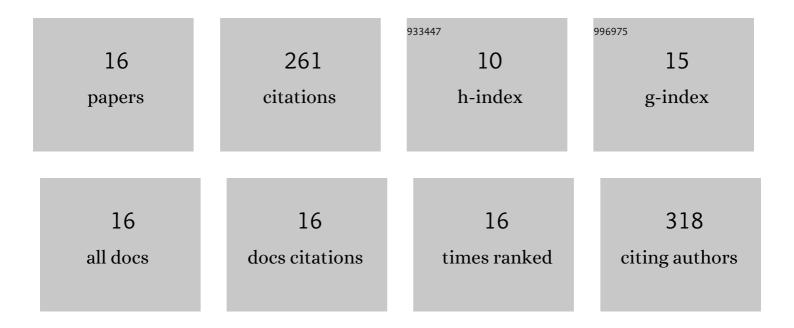
## Luiz C Cotovicz Jr

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4270041/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Spatioâ€temporal variability of methane (CH <sub>4</sub> ) concentrations and diffusive fluxes from a tropical coastal embayment surrounded by a large urban area (Guanabara Bay, Rio de Janeiro, Brazil). Limnology and Oceanography, 2016, 61, S238.	3.1	48
2	Assessment of the trophic status of four coastal lagoons and one estuarine delta, eastern Brazil. Environmental Monitoring and Assessment, 2013, 185, 3297-3311.	2.7	37
3	Distributions of total, inorganic and organic phosphorus in surface and recent sediments of the sub-tropical and semi-pristine Guaratuba Bay estuary, SE Brazil. Environmental Earth Sciences, 2014, 72, 373-386.	2.7	29
4	Sources and sinks of dissolved inorganic carbon in an urban tropical coastal bay revealed by δ13C-DIC signals. Estuarine, Coastal and Shelf Science, 2019, 220, 185-195.	2.1	24
5	Predominance of phytoplankton-derived dissolved and particulate organic carbon in a highly eutrophic tropical coastal embayment (Guanabara Bay, Rio de Janeiro, Brazil). Biogeochemistry, 2018, 137, 1-14.	3.5	17
6	Greenhouse gas emissions (CO2 and CH4) and inorganic carbon behavior in an urban highly polluted tropical coastal lagoon (SE, Brazil). Environmental Science and Pollution Research, 2021, 28, 38173-38192.	5.3	17
7	Carbon dioxide sources and sinks in the delta of the ParaÃba do Sul River (Southeastern Brazil) modulated by carbonate thermodynamics, gas exchange and ecosystem metabolism during estuarine mixing. Marine Chemistry, 2020, 226, 103869.	2.3	15
	Air-sea CO2 flux in an equatorial continental shelf dominated by coral reefs (Southwestern Atlantic) Ti $FTOoO 0.0$	rgBT /Ove	rlock 10 Tf '

## Air-sea CO2 flux in an equatorial continental shelf dominated by coral reefs (Southwestern Atlantic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 8

9	Eutrophication overcoming carbonate precipitation in a tropical hypersaline coastal lagoon acting as a CO2 sink (Araruama Lagoon, SE Brazil). Biogeochemistry, 2021, 156, 231-254.	3.5	13
10	Aragonite saturation state in a tropical coastal embayment dominated by phytoplankton blooms (Guanabara Bay – Brazil). Marine Pollution Bulletin, 2018, 129, 729-739.	5.0	12
11	Nutrient behavior in a highly-eutrophicated tropical estuarine system. Acta Limnologica Brasiliensia, 2016, 28, .	0.4	11

Thermodynamic uptake of atmospheric CO2 in the oligotrophic and semiarid SÃ $\pm$ o Francisco estuary (NE) Tj ETQq0.0 rgBT  $_{11}^{10}$  verlock 1 12

13	Eutrophication Amplifies the Diel Variability of Carbonate Chemistry in an Equatorial, Semi-Arid, and Negative Estuary. Frontiers in Marine Science, 2022, 9, .	2.5	5
14	Comparações entre medições em tempo real da pCO2 aquática com estimativas indiretas em dois estuários tropicais contrastantes: o estuário eutrofizado da BaÃa de Guanabara (RJ) e o estuário oligotrófico do rio São Francisco (AL). Quimica Nova, 0, , .	0.3	4
15	Blue Carbon Ecosystems in Brazil: Overview and an Urgent Call for Conservation and Restoration. Frontiers in Marine Science, 2022, 9, .	2.5	3
16	Organic matter processing through an estuarine system: Evidence from stable isotopes (δ13C and δ15N) and molecular (lignin phenols) signatures. Estuarine, Coastal and Shelf Science, 2022, 265, 107707.	2.1	2