

Luiz C Cotovicz Jr

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

261
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

318
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatio-temporal variability of methane (CH ₄) concentrations and diffusive fluxes from a tropical coastal embayment surrounded by a large urban area (Guanabara Bay, Rio de Janeiro, Brazil). <i>Limnology and Oceanography</i> , 2016, 61, S238.	3.1	48
2	Assessment of the trophic status of four coastal lagoons and one estuarine delta, eastern Brazil. <i>Environmental Monitoring and Assessment</i> , 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. <i>Environmental Earth Sciences</i> , 2014, 72, 373-386.	2.7	29
4	Sources and sinks of dissolved inorganic carbon in an urban tropical coastal bay revealed by $\delta^{13}\text{C}$ -DIC signals. <i>Estuarine, Coastal and Shelf Science</i> , 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). <i>Biogeochemistry</i> , 2018, 137, 1-14.	3.5	17
6	Greenhouse gas emissions (CO ₂ and CH ₄) and inorganic carbon behavior in an urban highly polluted tropical coastal lagoon (SE, Brazil). <i>Environmental Science and Pollution Research</i> , 2021, 28, 38173-38192.	5.3	17
7	Carbon dioxide sources and sinks in the delta of the Para�ba do Sul River (Southeastern Brazil) modulated by carbonate thermodynamics, gas exchange and ecosystem metabolism during estuarine mixing. <i>Marine Chemistry</i> , 2020, 226, 103869.	2.3	15
8	Air-sea CO ₂ flux in an equatorial continental shelf dominated by coral reefs (Southwestern Atlantic) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.8	18
9	Eutrophication overcoming carbonate precipitation in a tropical hypersaline coastal lagoon acting as a CO ₂ sink (Araruama Lagoon, SE Brazil). <i>Biogeochemistry</i> , 2021, 156, 231-254.	3.5	13
10	Aragonite saturation state in a tropical coastal embayment dominated by phytoplankton blooms (Guanabara Bay - Brazil). <i>Marine Pollution Bulletin</i> , 2018, 129, 729-739.	5.0	12
11	Nutrient behavior in a highly-eutrophicated tropical estuarine system. <i>Acta Limnologica Brasiliensia</i> , 2016, 28, .	0.4	11
12	Thermodynamic uptake of atmospheric CO ₂ in the oligotrophic and semiarid S�o Francisco estuary (NE) <i>Tj ETQq0 0 0 rgBT /Overlock 1</i>	2.3	11
13	Eutrophication Amplifies the Diel Variability of Carbonate Chemistry in an Equatorial, Semi-Arid, and Negative Estuary. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	5
14	Compara�es entre medi�es em tempo real da pCO ₂ aqu�tica com estimativas indiretas em dois estu�rios tropicais contrastantes: o estu�rio eutrofizado da Ba�a de Guanabara (RJ) e o estu�rio oligotr�fico do rio S�o Francisco (AL). <i>Quimica Nova</i> , 0, , .	0.3	4
15	Blue Carbon Ecosystems in Brazil: Overview and an Urgent Call for Conservation and Restoration. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	3
16	Organic matter processing through an estuarine system: Evidence from stable isotopes ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) and molecular (lignin phenols) signatures. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 265, 107707.	2.1	2