

Humberto Marotta

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

883
citations

687220

13
h-index

642610

23
g-index

23
all docs

23
docs citations

23
times ranked

1578
citing authors

#	ARTICLE	IF	CITATIONS
1	Tropical forests as drivers of lake carbon burial. <i>Nature Communications</i> , 2022, 13, .	5.8	5
2	Hypersaline tidal flats as important "blue carbon" systems: a case study from three ecosystems. <i>Biogeosciences</i> , 2021, 18, 2527-2538.	1.3	14
3	Hydrocarbon sedimentary organic matter composition from different water-type floodplain lakes in the Brazilian Amazon. <i>Organic Geochemistry</i> , 2021, 159, 104287.	0.9	4
4	Drought Resilience Debt Drives NPP Decline in the Amazon Forest. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2021GB007004.	1.9	12
5	High-resolution spatial distribution of pCO_2 in the coastal Southern Ocean in late spring. <i>Antarctic Science</i> , 2020, 32, 476-485.	0.5	7
6	Carbon and nutrient accumulation in mangrove sediments affected by multiple environmental changes. <i>Journal of Soils and Sediments</i> , 2020, 20, 2504-2509.	1.5	20
7	Structure, function and resilience to desiccation of methanogenic microbial communities in temporarily inundated soils of the Amazon rainforest (Cunia Reserve, Rondonia). <i>Environmental Microbiology</i> , 2019, 21, 1702-1717.	1.8	18
8	Radon-traced porewater as a potential source of CO_2 and CH_4 to receding black and clear water environments in the Amazon Basin. <i>Limnology and Oceanography Letters</i> , 2018, 3, 375-383.	1.6	15
9	Historic carbon burial spike in an Amazon floodplain lake linked to riparian deforestation near Santar�m, Brazil. <i>Biogeosciences</i> , 2018, 15, 447-455.	1.3	9
10	Carbon accumulation in Amazonian floodplain lakes: A significant component of Amazon budgets?. <i>Limnology and Oceanography Letters</i> , 2017, 2, 29-35.	1.6	26
11	Large emissions from floodplain trees close the Amazon methane budget. <i>Nature</i> , 2017, 552, 230-234.	13.7	204
12	Structure and function of methanogenic microbial communities in sediments of Amazonian lakes with different water types. <i>Environmental Microbiology</i> , 2016, 18, 5082-5100.	1.8	41
13	Inter- and intra-annual variations of pCO_2 and pO_2 in a freshwater subtropical coastal lake. <i>Inland Waters</i> , 2015, 5, 107-116.	1.1	16
14	Spatial versus Day-To-Day Within-Lake Variability in Tropical Floodplain Lake CH_4 Emissions " Developing Optimized Approaches to Representative Flux Measurements. <i>PLoS ONE</i> , 2015, 10, e0123319.	1.1	18
15	Elevated rates of organic carbon, nitrogen, and phosphorus accumulation in a highly impacted mangrove wetland. <i>Geophysical Research Letters</i> , 2014, 41, 2475-2480.	1.5	117
16	Experimental evidence of nitrogen control on pCO_2 in phosphorus-enriched humic and clear coastal lagoon waters. <i>Frontiers in Microbiology</i> , 2013, 4, 11.	1.5	7
17	Synergistic control of CO_2 emissions by fish and nutrients in a humic tropical lake. <i>Oecologia</i> , 2012, 168, 839-847.	0.9	15
18	Long-Term CO_2 Variability in Two Shallow Tropical Lakes Experiencing Episodic Eutrophication and Acidification Events. <i>Ecosystems</i> , 2010, 13, 382-392.	1.6	34

#	ARTICLE	IF	CITATIONS
19	Methane Emissions from Pantanal, South America, during the Low Water Season: Toward More Comprehensive Sampling. <i>Environmental Science & Technology</i> , 2010, 44, 5450-5455.	4.6	178
20	Large CO ₂ disequilibria in tropical lakes. <i>Global Biogeochemical Cycles</i> , 2009, 23, .	1.9	94
21	Changes in thermal and oxygen stratification pattern coupled to CO ₂ outgassing persistence in two oligotrophic shallow lakes of the Atlantic Tropical Forest, Southeast Brazil. <i>Limnology</i> , 2009, 10, 195-202.	0.8	19
22	Whole Ecosystem Evidence of Eutrophication Enhancement by Wetland Dredging in a Shallow Tropical Lake. <i>Estuaries and Coasts</i> , 2009, 32, 654-660.	1.0	9