

Pedro M Barbosa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2326855/publications.pdf>

Version: 2024-02-01

14
papers

253
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusive methane fluxes from Negro, Solimões and Madeira rivers and fringing lakes in the Amazon basin. <i>Limnology and Oceanography</i> , 2016, 61, S221.	3.1	37
2	Influence of plankton metabolism and mixing depth on CO ₂ dynamics in an Amazon floodplain lake. <i>Science of the Total Environment</i> , 2018, 630, 1381-1393.	8.0	36
3	High rates of methane oxidation in an Amazon floodplain lake. <i>Biogeochemistry</i> , 2018, 137, 351-365.	3.5	32
4	Dissolved methane concentrations and fluxes to the atmosphere from a tropical floodplain lake. <i>Biogeochemistry</i> , 2020, 148, 129-151.	3.5	27
5	Carbon dioxide outgassing from Amazonian aquatic ecosystems in the Negro River basin. <i>Biogeochemistry</i> , 2016, 129, 77-91.	3.5	22
6	Carbon Dioxide Fluxes to the Atmosphere From Waters Within Flooded Forests in the Amazon Basin. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005293.	3.0	20
7	Turbulence and Gas Transfer Velocities in Sheltered Flooded Forests of the Amazon Basin. <i>Geophysical Research Letters</i> , 2019, 46, 9628-9636.	4.0	18
8	Flood pulse regulation of bacterioplankton community composition in an Amazonian floodplain lake. <i>Freshwater Biology</i> , 2019, 64, 108-120.	2.4	16
9	Limnological perspectives on conservation of floodplain lakes in the Amazon basin. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 1041-1055.	2.0	13
10	Seasonal and spatial variability of CO ₂ in aquatic environments of the central lowland Amazon basin. <i>Biogeochemistry</i> , 2019, 143, 133-149.	3.5	11
11	Inundation, Hydrodynamics and Vegetation Influence Carbon Dioxide Concentrations in Amazon Floodplain Lakes. <i>Ecosystems</i> , 2022, 25, 911-930.	3.4	9
12	Large Seasonal and Habitat Differences in Methane Ebullition on the Amazon Floodplain. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005911.	3.0	7
13	Challenges Regionalizing Methane Emissions Using Aquatic Environments in the Amazon Basin as Examples. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	4
14	Temporal coherence of physical, chemical and biological variables in four tropical lakes (Minas) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	0.4	1