Francisco AntÃ´nio Barbosa

List of Publications by Year
in descending order

28 papers	407 citations	933447 10 h-index	794594 19 g-index
28 all docs	28 docs citations	28 times ranked	606 citing authors

#	Article	IF	Citations
1	LIMNOLOGY AND THE SUSTAINABLE USE OF WATER IN BRAZIL: VISIONS AND CHALLENGES. Oecologia Australis, 2022, 26, 112-117.	0.2	1
2	Drastic reduction of the functional diversity of native ichthyofauna in a Neotropical lake following invasion by piscivorous fishes. Neotropical Ichthyology, 2021, 19, .	1.0	6
3	Histological and molecular changes in gill and liver of fish (Astyanax lacustris LÃ¼tken, 1875) exposed to water from the Doce basin after the rupture of a mining tailings dam in Mariana, MG, Brazil. Science of the Total Environment, 2020, 735, 139505.	8.0	51
4	Is it stochastic? Chaoborus larvae bioturbation likely affect the timing of daily methane (CH4) ebullitive flux in a tropical reservoir. Hydrobiologia, 2020, 847, 3291-3308.	2.0	8
5	Dispersal ability and niche breadth act synergistically to determine zooplankton but not phytoplankton metacommunity structure. Journal of Plankton Research, 2019, 41, 479-490.	1.8	6
6	Physiological and thylakoid ultrastructural changes in cyanobacteria in response to toxic manganese concentrations. Ecotoxicology, 2019, 28, 1009-1021.	2.4	8
7	Reduced Rainfall Increases Metabolic Rates in Upper Mixed Layers of Tropical Lakes. Ecosystems, 2019, 22, 1406-1423.	3.4	6
8	Effects of precipitation on summer epilimnion thickness in tropical lakes. Limnologica, 2019, 74, 42-50.	1.5	5
9	Effects of nutrients and organic matter inputs in the gases CO2 and O2: A mesocosm study in a tropical lake. Limnologica, 2018, 69, 1-9.	1.5	8
10	Determination of methylmercury in sediment and cyanobacteria samples: method validation and application to methylation investigation. Analytical Methods, 2018, 10, 91-100.	2.7	4
11	Mercury Methylation Capacity and Removal of Hg Species from Aqueous Medium by Cyanobacteria. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	21
12	Is thermal stability a factor that influences environmental heterogeneity and phytoplankton distribution in tropical lakes?. Acta Limnologica Brasiliensia, 2018, 30, .	0.4	1
13	Benthic Macroinvertebrate Diversity in the Middle Doce River Basin, Brazil. Data, 2018, 3, 17.	2.3	3
14	Arsenic tolerance of Microcystis novacekii (KomÃ¡rek-CompÃ¨re, 1974) and its arsenic decontamination potential. Brazilian Archives of Biology and Technology, 2018, 61, .	0.5	7
15	Distinctive effects of allochthonous and autochthonous organic matter on CDOM spectra in a tropical lake. Biogeosciences, 2018, 15, 2931-2943.	3.3	24
16	Temporal coherence of physical, chemical and biological variables in four tropical lakes (Minas) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	0.4	1
17	Effects of food web complexity on top-down control in tropical lakes. Ecological Modelling, 2016, 320, 358-365.	2.5	19
18	Seasonal Changes in Metabolic Rates of Two Tropical Lakes in the Atlantic Forest of Brazil. Ecosystems, 2015, 18, 589-604.	3.4	30

#	Article	IF	Citations
19	Zooplankton (Copepoda, Rotifera, Cladocera and Protozoa: Amoeba Testacea) from natural lakes of the middle Rio Doce basin, Minas Gerais, Brazil. Biota Neotropica, 2014, 14, .	1.0	10
20	Phytoplankton diversity in the middle Rio Doce lake system of southeastern Brazil. Acta Botanica Brasilica, 2013, 27, 327-346.	0.8	14
21	Inter-annual chemical stratification in Brazilian natural lakes: meromixis and hypolimnetic memory. Acta Limnologica Brasiliensia, 2012, 24, 127-139.	0.4	4
22	Ecosystem Regulation Services in Aquatic Environments: The Case of IbiritÃ© Reservoir, Minas Gerais. Oecologia Australis, 2011, 15, 714-725.	0.2	3
23	Removal of methyl parathion by cyanobacteria Microcystis novacekii under culture conditions. Journal of Environmental Monitoring, 2010, 12, 1302.	2.1	28
24	Thermocyclops decipiens (Kiefer, 1929) (Copepoda, Cyclopoida) as indicator of water quality in the State of Minas Gerais, Brazil. Brazilian Archives of Biology and Technology, 2007, 50, 695-705.	0.5	27
25	Assessing the environmentâ€“benthic fauna coupling in protected and urban areas of southern Brazil. Biological Conservation, 2006, 129, 408-417.	4.1	64
26	Phosphorus dynamics in water and sediments in urbanized and non-urbanized rivers in Southern Brazil. Marine Pollution Bulletin, 2005, 50, 965-974.	5.0	35
27	Toxicological effects of ciprofloxacin and chlorhexidine on growth and chlorophyll a synthesis of freshwater cyanobacteria. Brazilian Journal of Pharmaceutical Sciences, 0, 55, .	1.2	13
28	Rethinking resting eggs decapsulating. Acta Limnologica Brasiliensia, 0, 31, .	0.4	0