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	Assessing the environmentâ€“benthic fauna coupling in protected and urban areas of southern Brazil. Biological Conservation, 2006, 129, 408-417.	4.1	64
2	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
3	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
4	Seasonal Changes in Metabolic Rates of Two Tropical Lakes in the Atlantic Forest of Brazil. Ecosystems, 2015, 18, 589-604.	3.4	30
5	Removal of methyl parathion by cyanobacteria Microcystis novacekii under culture conditions. Journal of Environmental Monitoring, 2010, 12, 1302.	2.1	28
6	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
7	Distinctive effects of allochthonous and autochthonous organic matter on CDOM spectra in a tropical lake. Biogeosciences, 2018, 15, 2931-2943.	3.3	24
8	Mercury Methylation Capacity and Removal of Hg Species from Aqueous Medium by Cyanobacteria. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	21
9	Effects of food web complexity on top-down control in tropical lakes. Ecological Modelling, 2016, 320, 358-365.	2.5	19
10	Phytoplankton diversity in the middle Rio Doce lake system of southeastern Brazil. Acta Botanica Brasilica, 2013, 27, 327-346.	0.8	14
11	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
12	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
13	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
14	Physiological and thylakoid ultrastructural changes in cyanobacteria in response to toxic manganese concentrations. Ecotoxicology, 2019, 28, 1009-1021.	2.4	8
15	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
16	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
17	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
18	Reduced Rainfall Increases Metabolic Rates in Upper Mixed Layers of Tropical Lakes. Ecosystems, 2019, 22, 1406-1423.	3.4	6

#	Article	IF	Citations
19	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
20	Effects of precipitation on summer epilimnion thickness in tropical lakes. Limnologica, 2019, 74, 42-50.	1.5	5
21	Inter-annual chemical stratification in Brazilian natural lakes: meromixis and hypolimnetic memory. Acta Limnologica Brasiliensia, 2012, 24, 127-139.	0.4	4
22	Determination of methylmercury in sediment and cyanobacteria samples: method validation and application to methylation investigation. Analytical Methods, 2018, 10, 91-100.	2.7	4
23	Benthic Macroinvertebrate Diversity in the Middle Doce River Basin, Brazil. Data, 2018, 3, 17.	2.3	3
24	Ecosystem Regulation Services in Aquatic Environments: The Case of IbiritÃ© Reservoir, Minas Gerais. Oecologia Australis, 2011, 15, 714-725.	0.2	3
25	Is thermal stability a factor that influences environmental heterogeneity and phytoplankton distribution in tropical lakes?. Acta Limnologica Brasiliensia, 2018, 30, .	0.4	1
26	Temporal coherence of physical, chemical and biological variables in four tropical lakes (Minas) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	0.4	1
27	LIMNOLOGY AND THE SUSTAINABLE USE OF WATER IN BRAZIL: VISIONS AND CHALLENGES. Oecologia Australis, 2022, 26, 112-117.	0.2	1
28	Rethinking resting eggs decapsulating. Acta Limnologica Brasiliensia, 0, 31, .	0.4	0