

Marcelo L M Pompão

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,240
citations

430442

18
h-index

433756

31
g-index

82
all docs

82
docs citations

82
times ranked

1650
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress Response, Immunity, and Organ Mass in Toads (<i>Rhinella diptycha</i>) Living in Metal-Contaminated Areas. <i>Biological Trace Element Research</i> , 2022, 200, 800-811.	1.9	4
2	Geochemistry and sedimentary photopigments as proxies to reconstruct past environmental changes in a subtropical reservoir. <i>Environmental Science and Pollution Research</i> , 2022, 29, 28495-28509.	2.7	3
3	Connections among Land Use, Water Quality, Biodiversity of Aquatic Invertebrates, and Fish Behavior in Amazon Rivers. <i>Toxics</i> , 2022, 10, 182.	1.6	1
4	Avaliação da degradação da qualidade da água do reservatório Carlos Botelho em Itirapina, São Paulo, Brasil, por meio de imagens do satélite Sentinel 2. <i>Engenharia Sanitaria E Ambiental</i> , 2022, 27, 279-290.	0.1	4
5	<i>Ceratium furcoides</i> (Levander) Langhans in reservoirs at the Ebro watershed, Spain and Sao Paulo state, Brazil. , 2022, 41, 1.		2
6	An abiotic typology and reference conditions for nutrients and chlorophyll-a in subtropical reservoirs (São Paulo State, Brazil). <i>Environmental Science and Pollution Research</i> , 2021, 28, 16029-16041.	2.7	2
7	RECURSO ÁGUA - Tecnologias e pesquisas para o uso e a conservação de ecossistemas aquáticos. , 2021, , .		1
8	Comunidade fitoplanctônica e seus limitantes ambientais no reservatório de Guarapiranga, São Paulo SP. , 2021, , 110-130.		0
9	Aplicações da Diretiva Quadro da Água da União Europeia na avaliação do estado químico do reservatório Paiva Castro (Mairiporã, SP): uma experiência brasileira. , 2021, , 560-605.		0
10	Microplastics and freshwater microalgae: what do we know so far?. <i>Aquatic Ecology</i> , 2021, 55, 363-377.	0.7	29
11	Water quality assessment using Sentinel-2 imagery with estimates of chlorophyll a, Secchi disk depth, and Cyanobacteria cell number: the Cantareira System reservoirs (São Paulo, Brazil). <i>Environmental Science and Pollution Research</i> , 2021, 28, 34990-35011.	2.7	21
12	Caffeine as a contaminant of periphyton: ecological changes and impacts on primary producers. <i>Ecotoxicology</i> , 2021, 30, 599-609.	1.1	5
13	Higher Abundance of Sediment Methanogens and Methanotrophs Do Not Predict the Atmospheric Methane and Carbon Dioxide Flows in Eutrophic Tropical Freshwater Reservoirs. <i>Frontiers in Microbiology</i> , 2021, 12, 647921.	1.5	13
14	Current and future threats for ecological quality management of South American freshwater ecosystems. <i>Inland Waters</i> , 2021, 11, 125-140.	1.1	23
15	Use of nontarget organism <i>Chironomus sancticarloi</i> to study the toxic effects of nanoatrazine. <i>Ecotoxicology</i> , 2021, 30, 733-750.	1.1	9
16	Eutrophication effects on CH ₄ and CO ₂ fluxes in a highly urbanized tropical reservoir (Southeast, Tj ETQq0 0 0 rgBT./Overlock 10 Tf 50	2.7	16
17	CYANOBACTÉRIAS E CIANOTOXINAS EM AMBIENTES AQUÁTICOS: uma breve revisão sobre os principais métodos de detecção, remoção e impactos sobre a saúde humana = CYANOBACTERIA AND CYANOTOXINS IN AQUATIC ENVIRONMENTS: a short review on the main methods of detection, removal and impacts on human health. <i>Boletim Do Laboratório De Hidrobiologia</i> . 2021, 31, .	0.2	0
18	Eutrophication effects on fatty acid profiles of seston and omnivorous fish in tropical reservoirs. <i>Science of the Total Environment</i> , 2021, 781, 146649.	3.9	3

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19	Paleolimnological evidence of environmental changes in seven subtropical reservoirs based on metals, nutrients, and sedimentation rates. <i>Catena</i> , 2021, 206, 105432.	2.2	9
20	Ecosystem history of a tropical reservoir revealed by metals, nutrients and photosynthetic pigments preserved in sediments. <i>Catena</i> , 2020, 184, 104242.	2.2	10
21	Predicting zebrafish spatial avoidance triggered by discharges of dairy wastewater: An experimental approach based on self-purification in a model river. <i>Environmental Pollution</i> , 2020, 266, 115325.	3.7	8
22	Taxonomic and non-taxonomic responses of benthic macroinvertebrates to metal toxicity in tropical reservoirs. The case of Cantareira Complex, São Paulo, Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20180962.	0.3	3
23	Determination of the Trophic State Index (TSI) using remote sensing, bathymetric survey and empirical data in a tropical reservoir. , 2020, 39, 1.		3
24	Community-level changes in periphytic biofilm caused by copper contamination. <i>Journal of Applied Phycology</i> , 2019, 31, 2401-2410.	1.5	11
25	Self-Organizing Maps for Evaluation of Biogeochemical Processes and Temporal Variations in Water Quality of Subtropical Reservoirs. <i>Water Resources Research</i> , 2019, 55, 10268-10281.	1.7	25
26	Development of a zooplankton biotic index for trophic state prediction in tropical reservoirs. , 2019, 38, 303-316.		9
27	Phytoplankton, Trophic State and Ecological Potential in reservoirs in the State of São Paulo, Brazil. <i>Revista Ambiente & Água</i> , 2019, 14, 1.	0.1	5
28	OS GRUPOS FUNCIONAIS FITOPLANCTÔNICOS NOS RESERVATÓRIOS DO SISTEMA CANTAREIRA, SÃO PAULO, BRASIL1. <i>Iheringia - Serie Botanica</i> , 2019, 73, 135-145.	0.0	1
29	Spatial distribution, bioavailability, and toxicity of metals in surface sediments of tropical reservoirs, Brazil. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 199.	1.3	22
30	Bisphenol risk in fish exposed to a contamination gradient: Triggering of spatial avoidance. <i>Aquatic Toxicology</i> , 2018, 197, 1-6.	1.9	22
31	Lethal and sublethal effects of metal-polluted sediments on <i>Chironomus sancticaroli</i> Strixino and Strixino, 1981. <i>Ecotoxicology</i> , 2018, 27, 286-299.	1.1	14
32	Metals and limnological variables in an urban reservoir: compartmentalization and identification of potential impacted areas. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 19.	1.3	9
33	Impact of copper sulfate application at an urban Brazilian reservoir: A geostatistical and ecotoxicological approach. <i>Science of the Total Environment</i> , 2018, 618, 621-634.	3.9	28
34	Habitat fragmentation caused by contaminants: Atrazine as a chemical barrier isolating fish populations. <i>Chemosphere</i> , 2018, 193, 24-31.	4.2	46
35	Is it possible to evaluate the ecological status of a reservoir using the phytoplankton community?. <i>Acta Limnologica Brasiliensia</i> , 2018, 30, .	0.4	5
36	Comunidade zooplanctônica e sua relação com a qualidade da água em reservatórios do Estado de São Paulo. <i>Iheringia - Serie Zoologia</i> , 2018, 108, .	0.5	0

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37	Avaliação da eficiência de um Índice de estado trófico na determinação da qualidade da água de reservatórios para abastecimento público. Engenharia Sanitaria E Ambiental, 2018, 23, 627-635.	0.1	4
38	Factors that control the spatial and temporal distributions of phosphorus, nitrogen, and carbon in the sediments of a tropical reservoir. Environmental Science and Pollution Research, 2018, 25, 31776-31789.	2.7	13
39	Influence of interspecific interactions on avoidance response to contamination. Science of the Total Environment, 2018, 642, 824-831.	3.9	17
40	Phytoplankton as trophic descriptors of a series of Mediterranean reservoirs (Catalonia, Spain). Fundamental and Applied Limnology, 2018, 191, 37-52.	0.4	3
41	Determinação da Pressão Ambiental que o Uso da Terra Exerce sobre os Recursos Hídricos na Bacia Hidrográfica do Rio Juqueri, no Município de Mairiporã, Estado de São Paulo, Brasil. Fronteiras, 2018, 6, 264-286.	0.0	1
42	Potential effects of triclosan on spatial displacement and local population decline of the fish <i>Poecilia reticulata</i> using a non-forced system. Chemosphere, 2017, 184, 329-336.	4.2	31
43	Metals in superficial sediments of a cascade multisystem reservoir: contamination and potential ecological risk. Environmental Earth Sciences, 2017, 76, 1.	1.3	9
44	Nutrients, emerging pollutants and pesticides in a tropical urban reservoir: Spatial distributions and risk assessment. Science of the Total Environment, 2017, 575, 1307-1324.	3.9	92
45	Nitrogen and phosphorus in cascade multi-system tropical reservoirs: water and sediment. Limnological Review, 2017, 17, 133-150.	0.5	8
46	Variação espacial e sazonal do zooplâncton nos reservatórios do Sistema Cantareira, Brasil. Revista Ambiente & Água, 2017, 12, 666.	0.1	1
47	DISPERSÃO E PRIMEIRO REGISTRO DA ESPÉCIE INVASORA <i>Kellicottia bostoniensis</i> (ROTIFERA: Tj ETQq1 1 0.784314 rgBT / Overlock	0.1	4
48	Can a one-sampling campaign produce robust results for water quality monitoring? A case of study in Itaparanga reservoir, SP, Brazil. Acta Limnologica Brasiliensia, 2016, 28, .	0.4	3
49	Metals in sediments: bioavailability and toxicity in a tropical reservoir used for public water supply. Environmental Monitoring and Assessment, 2016, 188, 310.	1.3	13
50	Fatty Acid Composition of Tropical Fish Depends on Reservoir Trophic Status and Fish Feeding Habit. Lipids, 2016, 51, 1193-1206.	0.7	20
51	Trophic State Evolution over 15 Years in a Tropical Reservoir with Low Nitrogen Concentrations and Cyanobacteria Predominance. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	24
52	Temporal and spatial accumulation of heavy metals in the sediments at Paiva Castro Reservoir (São Tj ETQq0 0 0 rgBT / Overlock 10 TF	1.3	30
53	Ecological and toxicological responses in a multistressor scenario: Are monitoring programs showing the stressors or just showing stress? A case study in Brazil. Science of the Total Environment, 2016, 540, 466-476.	3.9	8
54	Sediment size distribution and composition in a reservoir affected by severe water level fluctuations. Science of the Total Environment, 2016, 540, 158-167.	3.9	37

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55	Fatores ambientais relacionados à ocorrência de cianobactérias potencialmente tóxicas no reservatório de Guarapiranga, SP, Brasil. Revista Ambiente & Água, 2016, 11, 810.	0.1	5
56	Fatores ambientais relacionados à ocorrência de cianobactérias potencialmente tóxicas no reservatório de Guarapiranga, SP, Brasil. Revista Ambiente & Água, 2016, 11, 810.	0.1	0
57	Uso do Índice de estado trófico e análise rápida da comunidade de macroinvertebrados como indicadores da qualidade ambiental das águas na Bacia do Rio Jundiaí-Mirim - SP - BR. Brazilian Journal of Aquatic Science and Technology, 2015, 19, 13.	0.1	10
58	First occurrence of the exotic Asian clam <i>Corbicula fluminea</i> (Muller, 1774) in the Jundiaí-Mirim River Basin, SP, Brazil. Revista Ambiente & Água, 2014, 9, .	0.1	1
59	Exploring the links between antibiotic occurrence, antibiotic resistance, and bacterial communities in water supply reservoirs. Science of the Total Environment, 2013, 456-457, 161-170.	3.9	288
60	Diretiva Quadro D'Água: uma revisão crítica e a possibilidade de aplicação ao Brasil. Ambiente & Sociedade, 2013, 16, 39-58.	0.5	7
61	<i>Olpidium gregarium</i> , a chytrid fungus affecting rotifers populations in Rio Grande Reservoir, São Paulo State, Brazil. Biota Neotropica, 2013, 13, 356-359.	1.0	3
62	Spatial and Temporal Quality of Water in the Itupararanga Reservoir, Alto Sorocaba Basin (SP), Brazil. Journal of Water Resource and Protection, 2013, 05, 64-71.	0.3	18
63	Ecological risk index for aquatic pollution control: a case study of coastal water bodies from the Rio de Janeiro State, southeastern Brazil. Geochimica Brasiliensis, 2013, 27, 104-119.	0.4	20
64	Kinetics and Adsorption Isotherms of Bisphenol A, Estrone, 17 β -Estradiol, and 17 β -Ethinylestradiol in Tropical Sediment Samples. Water, Air, and Soil Pollution, 2012, 223, 329-336.	1.1	14
65	Sediment-contact fish embryo toxicity assay with <i>Danio rerio</i> to assess particle-bound pollutants in the Tietê River Basin (São Paulo, Brazil). Ecotoxicology and Environmental Safety, 2011, 74, 1951-1959.	2.9	33
66	Impact of coal mining on water quality of three artificial lakes in Morozini River Basin (Treviso, Santa Tj ETQq0 0 0 rgBT /Overlock 10 Tj	0.4	24
67	Cyanobacteria and Cyanotoxin in the Billings Reservoir (Sao Paulo, SP, Brazil). , 2009, 28, 273-282.		40
68	Potentially bioavailable metals in sediment from a tropical polymictic environment - Rio Grande Reservoir, Brazil. Journal of Soils and Sediments, 2008, 8, 284-288.	1.5	22
69	Phytoplankton primary productivity in Rio Grande and Taquacetuba branches (Billings Reservoir, Sao Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj Limnologic International Association of Theoretical and Applied Limnology, 2008, 30, 50-52.	0.1	3
70	Annual and short-term variability in primary productivity by phytoplankton and correlated abiotic factors in the Jurumirim Reservoir (São Paulo, Brazil). Brazilian Journal of Biology, 2006, 66, 239-261.	0.4	23
71	The water level influence on biomass of <i>Echinochloa polystachya</i> (Poaceae) in the Jurumirim Reservoir (São Paulo, Brazil). Revista Brasileira De Biologia, 2001, 61, 19-26.	0.3	6
72	Title is missing!. Hydrobiologia, 2000, 434, 35-40.	1.0	27

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73	Title is missing!. <i>Hydrobiologia</i> , 1999, 411, 1-11.	1.0	7
74	Temporal Variation in C, N and P of the Periphyton on the Tropical Aquatic Macrophyte <i>Echinochloa polystachya</i> (H.B.K.) HITCH. in Jurumirim Reservoir (São Paulo, Brazil). <i>Japanese Journal of Limnology</i> , 1998, 59, 281-291.	0.1	1
75	Levantamento florístico de plantas aquáticas e palustres na Represa Guarapiranga, São Paulo, Brasil. <i>Boletim De Botânica</i> , 0, 35, 1.	0.2	3
76	Metais nos Sedimentos em Reservatórios: h Toxicidade Potencial?. <i>Sociedade & Natureza</i> , 0, 33, .	0.0	2
77	Land use, spatial heterogeneity of organic matter, granulometric fractions and metal complexation in reservoir sediments. <i>Acta Limnologica Brasiliensia</i> , 0, 33, .	0.4	4
78	Taquacetuba Compartment of Billings Reservoir (SP, Brazil): differential influence of the main water body and tributaries in the water quality. <i>Acta Limnologica Brasiliensia</i> , 0, 34, .	0.4	1