

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	Exploring the links between antibiotic occurrence, antibiotic resistance, and bacterial communities in water supply reservoirs. <i>Science of the Total Environment</i> , 2013, 456-457, 161-170.	3.9	288
2	Nutrients, emerging pollutants and pesticides in a tropical urban reservoir: Spatial distributions and risk assessment. <i>Science of the Total Environment</i> , 2017, 575, 1307-1324.	3.9	92
3	Habitat fragmentation caused by contaminants: Atrazine as a chemical barrier isolating fish populations. <i>Chemosphere</i> , 2018, 193, 24-31.	4.2	46
4	Cyanobacteria and Cyanotoxin in the Billings Reservoir (Sao Paulo, SP, Brazil). , 2009, 28, 273-282.		40
5	Sediment size distribution and composition in a reservoir affected by severe water level fluctuations. <i>Science of the Total Environment</i> , 2016, 540, 158-167.	3.9	37
6	Sediment-contact fish embryo toxicity assay with <i>Danio rerio</i> to assess particle-bound pollutants in the Tiet� River Basin (S�o Paulo, Brazil). <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1951-1959.	2.9	33
7	Potential effects of triclosan on spatial displacement and local population decline of the fish <i>Poecilia reticulata</i> using a non-forced system. <i>Chemosphere</i> , 2017, 184, 329-336.	4.2	31
8	Temporal and spatial accumulation of heavy metals in the sediments at Paiva Castro Reservoir (S�o Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.3	30
9	Microplastics and freshwater microalgae: what do we know so far?. <i>Aquatic Ecology</i> , 2021, 55, 363-377.	0.7	29
10	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
11	Title is missing!. <i>Hydrobiologia</i> , 2000, 434, 35-40.	1.0	27
12	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
13	Trophic State Evolution over 15 Years in a Tropical Reservoir with Low Nitrogen Concentrations and Cyanobacteria Predominance. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	24
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	Annual and short-term variability in primary productivity by phytoplankton and correlated abiotic factors in the Jurumirim Reservoir (S�o Paulo, Brazil). <i>Brazilian Journal of Biology</i> , 2006, 66, 239-261.	0.4	23
16	Potentially bioavailable metals in sediment from a tropical polymictic environment�Rio Grande Reservoir, Brazil. <i>Journal of Soils and Sediments</i> , 2008, 8, 284-288.	1.5	22
17	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
18	Bisphenol risk in fish exposed to a contamination gradient: Triggering of spatial avoidance. <i>Aquatic Toxicology</i> , 2018, 197, 1-6.	1.9	22

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19	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
20	Fatty Acid Composition of Tropical Fish Depends on Reservoir Trophic Status and Fish Feeding Habit. <i>Lipids</i> , 2016, 51, 1193-1206.	0.7	20
21	Ecological risk index for aquatic pollution control: a case study of coastal water bodies from the Rio de Janeiro State, southeastern Brazil. <i>Geochimica Brasiliensis</i> , 2013, 27, 104-119.	0.4	20
22	Spatial and Temporal Quality of Water in the Itupararanga Reservoir, Alto Sorocaba Basin (SP), Brazil. <i>Journal of Water Resource and Protection</i> , 2013, 05, 64-71.	0.3	18
23	Influence of interspecific interactions on avoidance response to contamination. <i>Science of the Total Environment</i> , 2018, 642, 824-831.	3.9	17
24	Eutrophication effects on CH ₄ and CO ₂ fluxes in a highly urbanized tropical reservoir (Southeast, Brazil). <i>Journal of Great Lakes Research</i> , 2017, 43, 10-16.	2.7	16
25	Kinetics and Adsorption Isotherms of Bisphenol A, Estrone, 17 β -Estradiol, and 17 α -Ethinylestradiol in Tropical Sediment Samples. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 329-336.	1.1	14
26	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
27	Metals in sediments: bioavailability and toxicity in a tropical reservoir used for public water supply. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 310.	1.3	13
28	Factors that control the spatial and temporal distributions of phosphorus, nitrogen, and carbon in the sediments of a tropical reservoir. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31776-31789.	2.7	13
29	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
30	Community-level changes in periphytic biofilm caused by copper contamination. <i>Journal of Applied Phycology</i> , 2019, 31, 2401-2410.	1.5	11
31	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
32	Uso do Índice de estado tráfico e análise rápida da comunidade de macroinvertebrados como indicadores da qualidade ambiental das Águas na Bacia do Rio Jundiá-Mirim - SP - BR. <i>Brazilian Journal of Aquatic Science and Technology</i> , 2015, 19, 13.	0.1	10
33	Metals in superficial sediments of a cascade multisystem reservoir: contamination and potential ecological risk. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	9
34	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
35	Use of nontarget organism <i>Chironomus sancticaroli</i> to study the toxic effects of nanoatrazine. <i>Ecotoxicology</i> , 2021, 30, 733-750.	1.1	9
36	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

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37	Development of a zooplankton biotic index for trophic state prediction in tropical reservoirs. , 2019, 38, 303-316.		9
38	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
39	Nitrogen and phosphorus in cascade multi-system tropical reservoirs: water and sediment. Limnological Review, 2017, 17, 133-150.	0.5	8
40	Predicting zebrafish spatial avoidance triggered by discharges of dairy wastewater: An experimental approach based on self-purification in a model river. Environmental Pollution, 2020, 266, 115325.	3.7	8
41	Title is missing!. Hydrobiologia, 1999, 411, 1-11.	1.0	7
42	Diretiva Quadro D'Água: uma revisão crítica e a possibilidade de aplicação ao Brasil. Ambiente & Sociedade, 2013, 16, 39-58.	0.5	7
43	Impact of coal mining on water quality of three artificial lakes in Morozini River Basin (Treviso, Santa Tj ETQq1 1 0.784314 rgBT /Overlock 0,4 7	0.4	7
44	The water level influence on biomass of Echinochloa polystachya (Poaceae) in the Jurumirim Reservoir (São Paulo, Brazil). Revista Brasileira De Biologia, 2001, 61, 19-26.	0.3	6
45	Is it possible to evaluate the ecological status of a reservoir using the phytoplankton community?. Acta Limnologica Brasiliensia, 2018, 30, .	0.4	5
46	Caffeine as a contaminant of periphyton: ecological changes and impacts on primary producers. Ecotoxicology, 2021, 30, 599-609.	1.1	5
47	Fatores ambientais relacionados à ocorrência de cianobactérias potencialmente tóxicas no reservatório de Guarapiranga, SP, Brasil. Revista Ambiente & Água, 2016, 11, 810.	0.1	5
48	Phytoplankton, Trophic State and Ecological Potential in reservoirs in the State of São Paulo, Brazil. Revista Ambiente & Água, 2019, 14, 1.	0.1	5
49	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
50	Stress Response, Immunity, and Organ Mass in Toads (Rhinella diptycha) Living in Metal-Contaminated Areas. Biological Trace Element Research, 2022, 200, 800-811.	1.9	4
51	DISPERSÃO E PRIMEIRO REGISTRO DA ESPÉCIE INVASORA Kellicottia bostoniensis (ROTIFERA:) Tj ETQq1 1 0.784314 rgBT /Overlock 0,1 4	0.1	4
52	Land use, spatial heterogeneity of organic matter, granulometric fractions and metal complexation in reservoir sediments. Acta Limnologica Brasiliensia, 0, 33, .	0.4	4
53	Avaliação da degradação da qualidade da água do reservatório Carlos Botelho em Itirapina, São Paulo, Brasil, por meio de imagens do satélite Sentinel 2. Engenharia Sanitaria E Ambiental, 2022, 27, 279-290.	0.1	4
54	Phytoplankton primary productivity in Rio Grande and Taquacetuba branches (Billings Reservoir, Sao Tj ETQq0 0 0 rgBT /Overlock 10 Tj Limnologie International Association of Theoretical and Applied Limnology, 2008, 30, 50-52.	0.1	3

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55	Can a one-sampling campaign produce robust results for water quality monitoring? A case of study in Itupararanga reservoir, SP, Brazil. <i>Acta Limnologica Brasiliensia</i> , 2016, 28, .	0.4	3
56	Levantamento florístico de plantas aquáticas e palustres na Represa Guarapiranga, São Paulo, Brasil. <i>Boletim De Botânica</i> , 0, 35, 1.	0.2	3
57	Phytoplankton as trophic descriptors of a series of Mediterranean reservoirs (Catalonia, Spain). <i>Fundamental and Applied Limnology</i> , 2018, 191, 37-52.	0.4	3
58	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
59	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
60	<i>Olpidium gregarium</i> , a chytrid fungus affecting rotifers populations in Rio Grande Reservoir, São Paulo State, Brazil. <i>Biota Neotropica</i> , 2013, 13, 356-359.	1.0	3
61	Determination of the Trophic State Index (TSI) using remote sensing, bathymetric survey and empirical data in a tropical reservoir. , 2020, 39, 1.		3
62	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
63	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
64	Metais nos Sedimentos em Reservatórios: hã; Toxicidade Potencial?. <i>Sociedade & Natureza</i> , 0, 33, .	0.0	2
65	<i>Ceratium furcoides</i> (Levander) Langhans in reservoirs at the Ebro watershed, Spain and Sao Paulo state, Brazil. , 2022, 41, 1.		2
66	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
67	First occurrence of the exotic Asian clam <i>Corbicula fluminea</i> (Muller, 1774) in the Jundia-Mirim River Basin, SP, Brazil. <i>Revista Ambiente & Água</i> , 2014, 9, .	0.1	1
68	Variação espacial e sazonal do zooplâncton nos reservatórios do Sistema Cantareira, Brasil. <i>Revista Ambiente & Água</i> , 2017, 12, 666.	0.1	1
69	RECURSO ÁGUA - Tecnologias e pesquisas para o uso e a conservação de ecossistemas aquáticos. , 2021, , .		1
70	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. <i>Fronteiras</i> , 2018, 6, 264-286.	0.0	1
71	OS GRUPOS FUNCIONAIS FITOPLANCTÓNICOS NOS RESERVATÓRIOS DO SISTEMA CANTAREIRA, SÃO PAULO, BRASIL. <i>Iheringia - Serie Botanica</i> , 2019, 73, 135-145.	0.0	1
72	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

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73	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
74	Comunidade zooplânctônica 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
75	Comunidade fitoplânctônica e seus limitantes ambientais no reservatório de Guarapiranga, São Paulo SP. , 2021, , 110-130.		0
76	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
77	CYANOBACTÉRIAS E CIANOTOXINAS EM AMBIENTES AQUÁTICOS: uma breve revisão sobre os principais métodos de detecção, remoção e impactos sobre a saúde humana = CYANBACTERIA 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
78	Fatores ambientais relacionados à ocorrência de cianobactérias potencialmente tóxicas no reservatório de Guarapiranga, SP, Brasil. <i>Revista Ambiente & Água</i> , 2016, 11, 810.	0.1	0