

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

430874

18
h-index

414414

32
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. | 3.5 | 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. | 5.3 | 3 |
| 3 | Connections among Land Use, Water Quality, Biodiversity of Aquatic Invertebrates, and Fish Behavior in Amazon Rivers. <i>Toxics</i> , 2022, 10, 182. | 3.7 | 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. | 0.5 | 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. | 5.3 | 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. | 1.5 | 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. | 5.3 | 21 |
| 12 | Caffeine as a contaminant of periphyton: ecological changes and impacts on primary producers. <i>Ecotoxicology</i> , 2021, 30, 599-609. | 2.4 | 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. | 3.5 | 13 |
| 14 | Current and future threats for ecological quality management of South American freshwater ecosystems. <i>Inland Waters</i> , 2021, 11, 125-140. | 2.2 | 23 |
| 15 | Use of nontarget organism <i>Chironomus sancticarloi</i> to study the toxic effects of nanoatrazine. <i>Ecotoxicology</i> , 2021, 30, 733-750. | 2.4 | 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 | 5.3 | 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. | 8.0 | 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. | 5.0 | 9 |
| 20 | Ecosystem history of a tropical reservoir revealed by metals, nutrients and photosynthetic pigments preserved in sediments. <i>Catena</i> , 2020, 184, 104242. | 5.0 | 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. | 7.5 | 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. | 0.8 | 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. | 2.8 | 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. | 4.2 | 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. | 0.3 | 5 |
| 28 | OS GRUPOS FUNCIONAIS FITOPLANCTÔNICOS NOS RESERVATÓRIOS DO SISTEMA CANTAREIRA, SÃO PAULO, BRASIL1. <i>Iheringia - Serie Botanica</i> , 2019, 73, 135-145. | 0.1 | 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. | 2.7 | 22 |
| 30 | Bisphenol risk in fish exposed to a contamination gradient: Triggering of spatial avoidance. <i>Aquatic Toxicology</i> , 2018, 197, 1-6. | 4.0 | 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. | 2.4 | 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. | 2.7 | 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. | 8.0 | 28 |
| 34 | Habitat fragmentation caused by contaminants: Atrazine as a chemical barrier isolating fish populations. <i>Chemosphere</i> , 2018, 193, 24-31. | 8.2 | 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. | 0.5 | 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. | 5.3 | 13 |
| 39 | Influence of interspecific interactions on avoidance response to contamination. Science of the Total Environment, 2018, 642, 824-831. | 8.0 | 17 |
| 40 | Phytoplankton as trophic descriptors of a series of Mediterranean reservoirs (Catalonia, Spain). Fundamental and Applied Limnology, 2018, 191, 37-52. | 0.7 | 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. | 0.1 | 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. | 8.2 | 31 |
| 43 | Metals in superficial sediments of a cascade multisystem reservoir: contamination and potential ecological risk. Environmental Earth Sciences, 2017, 76, 1. | 2.7 | 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. | 8.0 | 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. | 0.3 | 1 |
| 47 | DISPERSÃO E PRIMEIRO REGISTRO DA ESPÉCIE INVASORA <i>Kellicottia bostoniensis</i> (ROTIFERA: Tj ETQq1 1 0.784314 rgBT / Overlock | 0.2 | 4 |
| 48 | Can a one-sampling campaign produce robust results for water quality monitoring? A case of study in Itupararanga 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. | 2.7 | 13 |
| 50 | Fatty Acid Composition of Tropical Fish Depends on Reservoir Trophic Status and Fish Feeding Habit. Lipids, 2016, 51, 1193-1206. | 1.7 | 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. | 2.4 | 24 |
| 52 | Temporal and spatial accumulation of heavy metals in the sediments at Paiva Castro Reservoir (São Tj ETQq0 0 0.19 BT / Overlock 10 TF | 2.9 | 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. | 8.0 | 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. | 8.0 | 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. | 0.3 | 5 |
| 56 | Fatores ambientais relacionados à ocorrência de cianobactérias potencialmente tóxicas no reservatório de Guarapiranga, SP, Brasil. Revista Ambiente & Água, 2016, 11, 810. | 0.3 | 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, . | 0.3 | 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. | 8.0 | 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. | 0.8 | 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 α -Ethinylestradiol in Tropical Sediment Samples. Water, Air, and Soil Pollution, 2012, 223, 329-336. | 2.4 | 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. | 6.0 | 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 Tff | 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. | 3.0 | 22 |
| 69 | Phytoplankton primary productivity in Rio Grande and Taquacetuba branches (Billings Reservoir, Sao Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tff 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. | 0.9 | 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. | 2.0 | 27 |

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|----|--|-----|-----------|
| 73 | Title is missing!. <i>Hydrobiologia</i> , 1999, 411, 1-11. | 2.0 | 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 |