

AndrÃ© M Amado

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,129
citations

430874

18
h-index

414414

32
g-index

43
all docs

43
docs citations

43
times ranked

1669
citing authors

#	ARTICLE	IF	CITATIONS
1	Singlet Oxygen in the Coupled Photochemical and Biochemical Oxidation of Dissolved Organic Matter. <i>Environmental Science & Technology</i> , 2010, 44, 3683-3689.	10.0	134
2	Global CO2 emissions from dry inland waters share common drivers across ecosystems. <i>Nature Communications</i> , 2020, 11, 2126.	12.8	73
3	DOC removal paradigms in highly humic aquatic ecosystems. <i>Environmental Science and Pollution Research</i> , 2009, 16, 531-538.	5.3	69
4	Synergy of Fresh and Accumulated Organic Matter to Bacterial Growth. <i>Microbial Ecology</i> , 2009, 57, 657-666.	2.8	68
5	Precipitation, landscape properties and land use interactively affect water quality of tropical freshwaters. <i>Science of the Total Environment</i> , 2020, 716, 137044.	8.0	68
6	Complementary pathways of dissolved organic carbon removal pathways in clear-water Amazonian ecosystems: photochemical degradation and bacterial uptake. <i>FEMS Microbiology Ecology</i> , 2006, 56, 8-17.	2.7	61
7	The Combination of Different Carbon Sources Enhances Bacterial Growth Efficiency in Aquatic Ecosystems. <i>Microbial Ecology</i> , 2013, 66, 871-878.	2.8	58
8	A global trend of caffeine consumption over time and related-environmental impacts. <i>Environmental Pollution</i> , 2020, 256, 113343.	7.5	57
9	Climate change in Brazil: perspective on the biogeochemistry of inland waters. <i>Brazilian Journal of Biology</i> , 2012, 72, 709-722.	0.9	52
10	Tropical freshwater ecosystems have lower bacterial growth efficiency than temperate ones. <i>Frontiers in Microbiology</i> , 2013, 4, 167.	3.5	52
11	Seasonal changes of dissolved organic carbon photo-oxidation rates in a tropical humic lagoon: the role of rainfall as a major regulator. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 1266-1272.	1.4	45
12	Redfield Ratios in Inland Waters: Higher Biological Control of C:N:P Ratios in Tropical Semi-arid High Water Residence Time Lakes. <i>Frontiers in Microbiology</i> , 2017, 8, 1505.	3.5	44
13	Contrasting interactions mediate dissolved organic matter decomposition in tropical aquatic ecosystems. <i>Aquatic Microbial Ecology</i> , 2007, 49, 25-34.	1.8	38
14	Disentangling the Interactions Between Photochemical and Bacterial Degradation of Dissolved Organic Matter: Amino Acids Play a Central Role. <i>Microbial Ecology</i> , 2015, 69, 554-566.	2.8	37
15	Linking shifts in bacterial community with changes in dissolved organic matter pool in a tropical lake. <i>Science of the Total Environment</i> , 2019, 672, 990-1003.	8.0	31
16	Effects of the Sand Bar Breaching on <i>Typha domingensis</i> (PERS.) in a Tropical Coastal Lagoon. <i>Hydrobiologia</i> , 2006, 556, 61-68.	2.0	25
17	Potential effects of UV radiation on photosynthetic structures of the bloom-forming cyanobacterium <i>Cylindrospermopsis raciborskii</i> CYRF-01. <i>Frontiers in Microbiology</i> , 2015, 6, 1202.	3.5	25
18	Climate change in tropical fresh waters (comment on the paper "Plankton dynamics under different Tj ETQq0 0 0 rgBT /Overlock 10 T	2.4	23

#	ARTICLE	IF	CITATIONS
19	The Partitioning of Carbon Biomass among the Pico- and Nano-plankton Community in the South Brazilian Bight during a Strong Summer Intrusion of South Atlantic Central Water. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	21
20	Effects of seasonality, trophic state and landscape properties on CO ₂ saturation in low-latitude lakes and reservoirs. <i>Science of the Total Environment</i> , 2019, 664, 283-295.	8.0	19
21	Bacterioplankton morphotypes structure and cytometric fingerprint rely on environmental conditions in a sub-Antarctic peatland. <i>Hydrobiologia</i> , 2017, 787, 255-268.	2.0	13
22	Salinity Drives the Virioplankton Abundance but Not Production in Tropical Coastal Lagoons. <i>Microbial Ecology</i> , 2018, 75, 52-63.	2.8	13
23	Cross-continental importance of CH ₄ emissions from dry inland-waters. <i>Science of the Total Environment</i> , 2022, 814, 151925.	8.0	13
24	Origin, concentration, availability and fate of dissolved organic carbon in coastal lagoons of the Rio de Janeiro State. <i>Acta Limnológica Brasiliensis</i> , 2013, 25, 326-340.	0.4	10
25	Editorial: Microbial Role in the Carbon Cycle in Tropical Inland Aquatic Ecosystems. <i>Frontiers in Microbiology</i> , 2017, 8, 20.	3.5	10
26	Water pollution: one of the main Limnology challenges in the Anthropocene. <i>Acta Limnológica Brasiliensis</i> , 0, 31, .	0.4	10
27	flowDiv: a new pipeline for analyzing flow cytometric diversity. <i>BMC Bioinformatics</i> , 2019, 20, 274.	2.6	9
28	Assessment of different ionic adjustment strategies in low-salinity water on the growth of <i>Litopenaeus vannamei</i> and microbial community stoichiometry in a symbiotic nursery system. <i>Aquaculture Research</i> , 2022, 53, 50-62.	1.8	9
29	O PAPEL DA FOTO-DEGRADAÇÃO DO CARBONO ORGÂNICO DISSOLVIDO (COD) NOS ECOSISTEMAS AQUÁTICOS. <i>Oecologia Brasiliensis</i> , 2006, 10, 186-204.	0.5	8
30	Extreme droughts drive tropical semi-arid eutrophic reservoirs towards CO ₂ sub-saturation. <i>Acta Limnológica Brasiliensis</i> , 2018, 30, .	0.4	5
31	Are the patterns of zooplankton community structure different between lakes and reservoirs? A local and regional assessment across tropical ecosystems. <i>Aquatic Ecology</i> , 2019, 53, 335-346.	1.5	5
32	Turning Water Abundance Into Sustainability in Brazil. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	5
33	Higher nitrogen and phosphorus immobilization in bioflocs is associated with higher temperature and increased suspended solids in shrimp farming with biofloc technology. <i>Aquaculture Research</i> , 2020, 51, 3888-3899.	1.8	4
34	Agricultural activity enhances CO ₂ and CH ₄ emissions after sediment rewetting in a tropical semiarid reservoir. <i>Hydrobiologia</i> , 2022, 849, 3979-3993.	2.0	4
35	Relief of Phosphate Limitation Stimulates Methane Oxidation. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	3
36	Out of gas: re-flooding does not boost carbon emissions from drawdown areas in semiarid reservoirs after prolonged droughts. <i>Aquatic Sciences</i> , 2022, 84, 1.	1.5	3

#	ARTICLE	IF	CITATIONS
37	Fresh terrestrial detritus fuels both heterotrophic and autotrophic activities in the planktonic food web of a tropical reservoir: a mesocosm study. <i>Hydrobiologia</i> , 2022, 849, 3931-3946.	2.0	3
38	Scaling relationships among drivers of aquatic respiration in temperate lakes: from the smallest to the largest freshwater ecosystems. <i>Inland Waters</i> , 2016, 6, 1-10.	2.2	2
39	Aerial plant biomass and litterfall as local determinants of leaf litter and fine root decomposition in a semiarid ecosystem of the Neotropical region. <i>Arid Land Research and Management</i> , 2019, 33, 375-387.	1.6	0
40	O monitoramento ambiental como subsídio à gestão de ecossistemas aquáticos costeiros: o exemplo da lagoa Imboassica, RJ, Brasil. , 0, , 198-221.		0
41	Editorial: Freshwater sustainability and aquatic ecology in a fast-changing world. <i>Acta Limnologica Brasiliensia</i> , 0, 32, .	0.4	0