

Franco Teixeira-de Mello

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

2,807
citations

279487

23
h-index

197535

49
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93
all docs

93
docs citations

93
times ranked

3026
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of climate warming on lake fish community structure and potential effects on ecosystem function. <i>Hydrobiologia</i> , 2010, 646, 73-90.	1.0	371
2	Can warm climate-related structure of littoral predator assemblages weaken the clear water state in shallow lakes?. <i>Global Change Biology</i> , 2007, 13, 1888-1897.	4.2	248
3	Effects of habitat complexity on community structure and predator avoidance behaviour of littoral zooplankton in temperate versus subtropical shallow lakes. <i>Freshwater Biology</i> , 2007, 52, 1009-1021.	1.2	245
4	Environmental Warming in Shallow Lakes. <i>Advances in Ecological Research</i> , 2012, 46, 259-349.	1.4	161
5	Substantial differences in littoral fish community structure and dynamics in subtropical and temperate shallow lakes. <i>Freshwater Biology</i> , 2009, 54, 1202-1215.	1.2	143
6	Global patterns and drivers of ecosystem functioning in rivers and riparian zones. <i>Science Advances</i> , 2019, 5, eaav0486.	4.7	133
7	Meta-analysis Shows a Consistent and Strong Latitudinal Pattern in Fish Omnivory Across Ecosystems. <i>Ecosystems</i> , 2012, 15, 492-503.	1.6	121
8	Plastics and microplastics on recreational beaches in Punta del Este (Uruguay): Unseen critical residents?. <i>Environmental Pollution</i> , 2016, 218, 931-941.	3.7	93
9	Field and experimental evidence of the effect of <i>Jenynsia multidentata</i> , a small omnivorous planktivorous fish, on the size distribution of zooplankton in subtropical lakes. <i>Freshwater Biology</i> , 2008, 53, 1797-1807.	1.2	63
10	Salinity shapes zooplankton communities and functional diversity and has complex effects on size structure in lakes. <i>Hydrobiologia</i> , 2018, 813, 237-255.	1.0	62
11	Submerged macrophytes facilitate dominance of omnivorous fish in a subtropical shallow lake: implications for lake restoration. <i>Hydrobiologia</i> , 2016, 775, 97-107.	1.0	47
12	A Global Assessment of the Effects of Eucalyptus Plantations on Stream Ecosystem Functioning. <i>Ecosystems</i> , 2019, 22, 629-642.	1.6	45
13	Phytoplankton community structure in five subtropical shallow lakes with different trophic status (Uruguay): a morphology-based approach. <i>Hydrobiologia</i> , 2010, 646, 187-197.	1.0	36
14	Plastic ingestion by a generalist seabird on the coast of Uruguay. <i>Marine Pollution Bulletin</i> , 2016, 107, 71-76.	2.3	36
15	Trophic cascade effects of <i>Hoplias malabaricus</i> (Characiformes, Erythrinidae) in subtropical lakes food webs: a mesocosm approach. <i>Hydrobiologia</i> , 2010, 644, 325-335.	1.0	35
16	Recent advances and open questions around pesticide dynamics and effects on freshwater fishes. <i>Current Opinion in Environmental Science and Health</i> , 2018, 4, 38-44.	2.1	35
17	Ontogenetic allometric coefficient changes: implications of diet shift and morphometric traits in <i>Hoplias malabaricus</i> (Bloch) (Characiforme, Erythrinidae). <i>Journal of Fish Biology</i> , 2006, 69, 1770-1778.	0.7	31
18	Stable isotope analysis confirms substantial differences between subtropical and temperate shallow lake food webs. <i>Hydrobiologia</i> , 2017, 784, 111-123.	1.0	29

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19	Seasonal and diel changes in fish activity and potential cascading effects in subtropical shallow lakes with different water transparency. <i>Hydrobiologia</i> , 2010, 646, 173-185.	1.0	28
20	Interacting effects of climate and agriculture on fluvial DOM in temperate and subtropical catchments. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2377-2394.	1.9	28
21	Assessing effects of change in land use on size-related variables of fish in subtropical streams. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 547-556.	0.7	27
22	Fish composition and species richness in eastern South American coastal lagoons: additional support for the freshwater ecoregions of the world. <i>Journal of Fish Biology</i> , 2016, 89, 280-314.	0.7	26
23	Community structure of fish in lowland streams differ substantially between subtropical and temperate climates. <i>Hydrobiologia</i> , 2012, 684, 143-160.	1.0	25
24	Monitoring strategies of stream phosphorus under contrasting climate-driven flow regimes. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 4099-4111.	1.9	24
25	Potential drivers of seasonal shifts in fish omnivory in a subtropical stream. <i>Hydrobiologia</i> , 2016, 768, 183-196.	1.0	24
26	A pilot study about microplastics and mesoplastics in an Antarctic glacier. <i>Cryosphere</i> , 2021, 15, 2531-2539.	1.5	24
27	Current and future threats for ecological quality management of South American freshwater ecosystems. <i>Inland Waters</i> , 2021, 11, 125-140.	1.1	23
28	Mesoplastics and large microplastics along a use gradient on the Uruguay Atlantic coast: Types, sources, fates, and chemical loads. <i>Science of the Total Environment</i> , 2020, 721, 137734.	3.9	22
29	Preliminary field study of hepatic porphyrin profiles of <i>Astyanax fasciatus</i> (Teleostei, Characiformes) to define anthropogenic pollution. <i>Chemosphere</i> , 2006, 62, 1245-1252.	4.2	20
30	Monitoring fish communities in wadeable lowland streams: comparing the efficiency of electrofishing methods at contrasting fish assemblages. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 1665-1677.	1.3	20
31	Evaluating the role of predatory fish controlling the invasion of the Asian golden mussel <i>Limnoperna fortunei</i> in a subtropical river. <i>Journal of Applied Ecology</i> , 2020, 57, 717-728.	1.9	19
32	Salinity shapes food webs of lakes in semiarid climate zones: a stable isotope approach. <i>Inland Waters</i> , 2021, 11, 476-491.	1.1	19
33	Community isolation drives lower fish biomass and species richness, but higher functional evenness, in a river metacommunity. <i>Freshwater Biology</i> , 2020, 65, 2081-2095.	1.2	19
34	What can resting egg banks tell about cladoceran diversity in a shallow subtropical lake?. <i>Hydrobiologia</i> , 2017, 798, 75-86.	1.0	18
35	Diets and Trophic Structure of Fish Assemblages in a Large and Unexplored Subtropical River: The Uruguay River. <i>Water (Switzerland)</i> , 2019, 11, 1374.	1.2	18
36	Multitrophic richness enhances ecosystem multifunctionality of tropical shallow lakes. <i>Functional Ecology</i> , 2021, 35, 942-954.	1.7	18

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37	Feeding habits and morphometry of <i>Iheringichthys labrosus</i> (L ¹ / ₄ tken, 1874) in the Uruguay River (Uruguay). <i>Neotropical Ichthyology</i> , 2011, 9, 657-664.	0.5	17
38	Influence of Farming Intensity and Climate on Lowland Stream Nitrogen. <i>Water (Switzerland)</i> , 2020, 12, 1021.	1.2	16
39	Role of plant architecture on littoral macroinvertebrates in temperate and subtropical shallow lakes: a comparative manipulative field experiment. , 2019, 38, 759-772.		16
40	Alternative food sources of native and non-native bivalves in a subtropical eutrophic lake. <i>Hydrobiologia</i> , 2014, 735, 263-276.	1.0	15
41	Fish but Not Macroinvertebrates Promote Trophic Cascading Effects in High Density Submersed Plant Experimental Lake Food Webs in Two Contrasting Climate Regions. <i>Water (Switzerland)</i> , 2017, 9, 514.	1.2	14
42	Origin of Fish Biomass in a Diverse Subtropical River: An Allochthonic-Supported Biomass Increase Following Flood Pulses. <i>Ecosystems</i> , 2019, 22, 1736-1753.	1.6	14
43	Human impacts and the loss of Neotropical freshwater fish diversity. <i>Neotropical Ichthyology</i> , 2021, 19, .	0.5	14
44	Length-weight relationships of 26 fish species from the middle section of the Negro River (Tacuarembó ³ -Durazno, Uruguay). <i>Journal of Applied Ichthyology</i> , 2011, 27, 1413-1415.	0.3	13
45	Soybean expansion and the challenge of the coexistence of agribusiness with local production and conservation initiatives: pesticides in a Ramsar site in Uruguay. <i>Environmental Conservation</i> , 2020, 47, 97-103.	0.7	13
46	Non-native fishes homogenize native fish communities and reduce ecosystem multifunctionality in tropical lakes over 16 years. <i>Science of the Total Environment</i> , 2021, 769, 144524.	3.9	13
47	First record of microplastics in two freshwater fish species (<i>Iheringichthys labrosus</i> and <i>Astyanax</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.4	13
48	Management and research on plastic debris in Uruguayan Aquatic Systems: update and perspectives. <i>Journal of Integrated Coastal Zone Management</i> , 2015, 15, 377-393.	0.2	13
49	Length-weight relationships of 26 fish species from the streams of the upper section of the Paraguay River basin (Mato Grosso, Brazil). <i>Journal of Applied Ichthyology</i> , 2015, 31, 225-227.	0.3	12
50	Influence of riparian forests on fish assemblages in temperate lowland streams. <i>Environmental Biology of Fishes</i> , 2016, 99, 133-144.	0.4	12
51	Ecosystem Shift from Submerged to Floating Plants Simplifying the Food Web in a Tropical Shallow Lake. <i>Ecosystems</i> , 2021, 24, 628-639.	1.6	12
52	Incidence of Watershed Land Use on the Consumption of Meso and Microplastics by Fish Communities in Uruguayan Lowland Streams. <i>Water (Switzerland)</i> , 2021, 13, 1575.	1.2	12
53	Global Patterns and Controls of Nutrient Immobilization on Decomposing Cellulose in Riverine Ecosystems. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	1.9	12
54	Does color play a predominant role in the intake of microplastics fragments by freshwater fish: an experimental approach with <i>Psalidodon eigenmanniorum</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 49457-49464.	2.7	12

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55	Length-weight relationships of eight fish species from the lower section of the Uruguay River (R�o Tj ETQq1 1 0.784314 rgBT /Overlock	0.3	11
56	Sound production and pectoral spine locking in a Neotropical catfish (<i>Iheringichthys labrosus</i> .) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	0.5	11
57	Cascading impacts of urbanization on multitrophic richness and biomass stock in neotropical streams. <i>Science of the Total Environment</i> , 2022, 806, 151398.	3.9	11
58	Length-weight relationships of 21 fish species from the lower section of the Santa Luc�a river basin (Canelones-Montevideo, Uruguay). <i>Journal of Applied Ichthyology</i> , 2009, 25, 491-492.	0.3	10
59	Female masculinization and reproductive success in <i>Cnesterodon decemmaculatus</i> (Jenyns, 1842) (Cyprinodontiforme: Poeciliidae) under anthropogenic impact. <i>Ecotoxicology</i> , 2018, 27, 1331-1340.	1.1	10
60	Short-Term Interactive Effects of Experimental Heat Waves and Turbidity Pulses on the Foraging Success of a Subtropical Invertivorous Fish. <i>Water</i> (Switzerland), 2019, 11, 2109.	1.2	10
61	Interactions between a planktivorous fish and planktonic microcrustaceans mediated by the biomass of aquatic macrophytes. <i>Journal of Plankton Research</i> , 2021, 43, 46-60.	0.8	10
62	The structuring role of free-floating plants on the fish community in a tropical shallow lake: an experimental approach with natural and artificial plants. <i>Hydrobiologia</i> , 2016, 778, 167-178.	1.0	9
63	Water quality evaluation of two urban streams in Northwest Uruguay: are national regulations for urban stream quality sufficient?. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 661.	1.3	9
64	Seasonal and social factors associated with spacing in a wild territorial electric fish. <i>PLoS ONE</i> , 2020, 15, e0228976.	1.1	9
65	Fish vs. Aliens: predatory fish regulate populations of <i>Limnoperna fortunei</i> mitigating impacts on native macroinvertebrate communities. <i>Hydrobiologia</i> , 2021, 848, 2281-2301.	1.0	9
66	Drivers assessment of zooplankton grazing on phytoplankton under different scenarios of fish predation and turbidity in an in situ mesocosm experiment. <i>Hydrobiologia</i> , 2021, 848, 485-498.	1.0	9
67	Regime shifts in a shallow lake over 12 years: Consequences for taxonomic and functional diversities, and ecosystem multifunctionality. <i>Journal of Animal Ecology</i> , 2021, . .	1.3	9
68	Stranded pellets in Fildes Peninsula (King George Island, Antarctica): New evidence of Southern Ocean connectivity. <i>Science of the Total Environment</i> , 2022, 838, 155830.	3.9	9
69	New records of freshwater fish for Uruguay. <i>Check List</i> , 2010, 6, 191.	0.1	8
70	Baseline identification in stable-isotope studies of temperate lotic systems and implications for calculated trophic positions. <i>Freshwater Science</i> , 2016, 35, 909-921.	0.9	8
71	Influence of fish predation on the dynamic of zooplankton and macroinvertebrates in floodplain lakes under different turbidity conditions: an experimental study. <i>Aquatic Sciences</i> , 2021, 83, 1.	0.6	8
72	Macroinvertebratesâ€™ response to different land use in lowland streams from Uruguay: use of artificial substrates for biomonitoring. <i>Neotropical Biodiversity</i> , 2022, 8, 136-146.	0.2	8

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73	Urbanization impacts water quality and the use of microhabitats by fish in subtropical agricultural streams. <i>Environmental Conservation</i> , 2022, 49, 155-163.	0.7	8
74	Long-term study of the reproductive timing of the Neotropical catfish <i>Iheringichthys labrosus</i> (Ltken, 1874): Influence of temperature and river discharge. <i>Ecology of Freshwater Fish</i> , 2020, 29, 334-345.	0.7	6
75	Macroinvertebrate communities and macrophyte decomposition could be affected by land use intensification in subtropical lowland streams. , 2021, 40, 343-357.		6
76	Large fish forage lower in the food web and food webs are more truncated in warmer climates. <i>Hydrobiologia</i> , 0, , 1.	1.0	6
77	Geographic and seasonal variation analysis of digestive morphology in the catfish <i>Iheringichthys labrosus</i> along lower Ro Uruguay. <i>Open Access Animal Physiology</i> , 0, , 9.	0.3	5
78	Length-weight relationships of 14 coastal fish species from Punta del Diablo (Rocha, Uruguay). <i>Journal of Applied Ichthyology</i> , 2012, 28, 852-853.	0.3	4
79	Entangled Aeglidae (Decapoda, Anomura): Additional evidence for cryptic species. <i>Zoologica Scripta</i> , 2021, 50, 473-484.	0.7	4
80	Biodiversidata: A novel dataset for the vascular plant species diversity in Uruguay. <i>Biodiversity Data Journal</i> , 2020, 8, e56850.	0.4	3
81	Effect of environmental filters on Chironomidae (Insecta: Diptera) assemblages of neotropical watersheds. , 2020, 40, 19-31.		3
82	Ro de la Plata voyagers: Deciphering the migration ecology of a vulnerable marine catfish (<i>Genidens</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T Freshwater Ecosystems, 2021, 31, 1367.	0.9	2
83	Morphological variation of the digestive tract: a feeding behaviour response in a freshwater fish species. <i>Environmental Biology of Fishes</i> , 2022, 105, 717-727.	0.4	2
84	Raising Awareness of Urban and Suburban Hydric Resource Pollution in Promoting Urban Water Management in Northwest Uruguay. , 0, , .		1
85	An isolated population of <i>Austrolebias charrua</i> (Rivulidae, Cyprinodontiformes) detected in a fragile ecosystem (Maldonado, Uruguay). <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 3644-3650.	0.9	1
86	Sound production in four species of the Loricariidae family. <i>Brazilian Journal of Biology</i> , 2013, 73, 679-680.	0.4	1
87	Plsticos en ecosistemas acuticos: presencia, transporte y efectos. <i>Ecosistemas</i> , 2020, 29, .	0.2	1
88	Potential effects of warming on the trophic structure of shallow lakes in South America: a comparative analysis of subtropical and tropical systems. <i>Hydrobiologia</i> , 0, , 1.	1.0	1
89	Length-weight relationships of seven fish species from the laguna del cisne basin (Canelones,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 0.3	0.3	0
90	First report of four characiform fishes (Ostariophysi: Characiformes) for Uruguay. <i>Check List</i> , 2013, 9, 1576.	0.1	0