Andre Andrian Padial

List of Publications by Citations

77 papers	1,693 citations	25 h-index	39 g-index
85 ext. papers	2,103 ext. citations	3 avg, IF	4.89 L-index

#	Paper	IF	Citations
77	Dispersal ability determines the role of environmental, spatial and temporal drivers of metacommunity structure. *PLoS ONE*, **2014**, 9, e111227	3.7	178
76	Floods decrease zooplankton beta diversity and environmental heterogeneity in an Amazonian floodplain system. *Hydrobiologia*, **2015**, 753, 233-241	2.4	89
75	Removing the abyss between conservation science and policy decisions in Brazil. *Biodiversity and Conservation*, **2017**, 26, 1745-1752	3.4	80
74	Nutrient enrichment is related to two facets of beta diversity for stream invertebrates across the United States. *Ecology*, **2014**, 95, 1569-78	4.6	79
73	Spatial autocorrelation analysis allows disentangling the balance between neutral and niche processes in metacommunities. *Oikos*, **2012**, 121, 201-210	4	74
72	Effects of structural heterogeneity provided by the floating macrophyte Eichhornia azurea on the predation efficiency and habitat use of the small Neotropical fish Moenkhausia sanctaefilomenae. *Hydrobiologia*, **2009**, 624, 161-170	2.4	69
71	Homogenization dynamics of the fish assemblages in Neotropical reservoirs: comparing the roles of introduced species and their vectors. *Hydrobiologia*, **2015**, 746, 327-347	2.4	64
70	Temporal and spatial patterns of aquatic macrophyte diversity in the Upper Paran River floodplain. *Brazilian Journal of Biology*, **2009**, 69, 617-25	1.5	63
69	Protected areas: A focus on Brazilian freshwater biodiversity. *Diversity and Distributions*, **2019**, 25, 442-448	3	57
68	Planning for conservation and restoration under climate and land use change in the Brazilian Atlantic Forest. *Diversity and Distributions*, **2017**, 23, 955-966	5	49
67	Temporal variation in phytoplankton beta diversity patterns and metacommunity structures across subtropical reservoirs. *Freshwater Biology*, **2017**, 62, 751-766	3.1	43
66	Weak evidence for determinants of citation frequency in ecological articles. *Scientometrics*, **2010**, 85, 1-12	3	42
65	Climate change as a driver of biotic homogenization of woody plants in the Atlantic Forest. *Global Ecology and Biogeography*, **2018**, 27, 298-309	6.1	40
64	The Tilapia Law encouraging non-native fish threatens Amazonian River basins. *Biodiversity and Conservation*, **2017**, 26, 243-246	3.4	37
63	Prediction of the light attenuation coefficient through the Secchi disk depth: empirical modeling in two large Neotropical ecosystems. *Limnology*, **2008**, 9, 143-151	1.7	37
62	We need better understanding about functional diversity and vulnerability of tropical freshwater fishes. *Biodiversity and Conservation*, **2017**, 26, 757-762	3.4	35
61	Restoration of ecosystem services in tropical forests: A global meta-analysis. *PLoS ONE*, **2018**, 13, e0208523	3	34

60	The role of an extreme flood disturbance on macrophyte assemblages in a Neotropical floodplain. *Aquatic Sciences*, **2009**, 71, 389-398	2.5	33
59	Spatial Complexity Measured at a Multi-Scale in Three Aquatic Plant Species. *Journal of Freshwater Ecology*, **2006**, 21, 239-247	1.4	31
58	Evidence against the use of surrogates for biomonitoring of Neotropical floodplains. *Freshwater Biology*, **2012**, 57, 2411-2423	3.1	30
57	Darwin's hypotheses to explain colonization trends: evidence from a quasi-natural experiment and a new conceptual model. *Diversity and Distributions*, **2015**, 21, 583-594	5	28
56	The study of aquatic macrophytes in Neotropics: a scientometrical view of the main trends and gaps. *Brazilian Journal of Biology*, **2008**, 68, 1051-9	1.5	27
55	A network meta-analysis of threats to South American fish biodiversity. *Fish and Fisheries*, **2019**, 20, 620	6	26
54	Disentangling the effects of facilitation on restoration of the Atlantic Forest. *Basic and Applied Ecology*, **2014**, 15, 34-41	3.2	26
53	Relationships between multiple biological groups and classification schemes in a Neotropical floodplain. *Ecological Indicators*, **2012**, 13, 55-65	5.8	25
52	Intra-country introductions unraveling global hotspots of alien fish species. *Biodiversity and Conservation*, **2019**, 28, 3037-3043	3.4	24
51	Perspectives on the use of lakes and ponds as model systems for macroecological research. *Journal of Limnology*, **2014**, 73,	1.5	24
50	Comment on 'Fish biodiversity and conservation in South America by Reis et al. (2016)'. *Journal of Fish Biology*, **2017**, 90, 1182-1190	1.9	22
49	Importance of temporal variability at different spatial scales for diversity of floodplain aquatic communities. *Freshwater Biology*, **2016**, 61, 316-327	3.1	22
48	The strength of species sorting of phytoplankton communities is temporally variable in subtropical reservoirs. *Hydrobiologia*, **2017**, 800, 31-43	2.4	19
47	Paleolimnological records reveal biotic homogenization driven by eutrophication in tropical reservoirs. *Journal of Paleolimnology*, **2018**, 60, 299-309	2.1	19
46	Human-Induced Landscape Changes Homogenize Atlantic Forest Bird Assemblages through Nested Species Loss. *PLoS ONE*, **2016**, 11, e0147058	3.7	16
45	Water diversion in Brazil threatens biodiversity. *Ambio*, **2020**, 49, 165-172	6.5	15
44	Biotic resistance by snails and fish to an exotic invasive aquatic plant. *Freshwater Biology*, **2017**, 62, 1266-1275	3.1	14
43	Neurotoxins in a water supply reservoir: An alert to environmental and human health. *Toxicon*, **2017**, 126, 12-22	2.8	13

42	Concordance among zooplankton groups in a near-pristine floodplain system. *Ecological Indicators*, **2015**, 58, 374-381	5.8	12
41	The accumulation dynamics, elimination and risk assessment of paralytic shellfish toxins in fish from a water supply reservoir. *Science of the Total Environment*, **2019**, 651, 3222-3229	10.2	12
40	Depuration time and sublethal effects of microcystins in a freshwater fish from water supply reservoir. *Chemosphere*, **2018**, 210, 805-815	8.4	10
39	Biology, ecology and biogeography of the South American silver croaker, an important Neotropical fish species in South America. *Reviews in Fish Biology and Fisheries*, **2018**, 28, 693-714	6	10
38	Benthification, biotic homogenization behind the trophic downgrading in altered ecosystems. *Ecosphere*, **2019**, 10, e02757	3.1	9
37	The use of coarser data is an effective strategy for biological assessments. *Hydrobiologia*, **2015**, 747, 83-95	2.4	9
36	Effects of flooding regime upon the decomposition of Eichhornia azurea (Sw.) Kunth measured on a tropical, flow-regulated floodplain (Paran River, Brazil). *River Research and Applications*, **2006**, 22, 791-801	2.3	9
35	Scale-dependent patterns of fish faunal homogenization in Neotropical reservoirs. *Hydrobiologia*, **2020**, 847, 3759-3772	2.4	9
34	Preface: aquatic homogenocene nderstanding the era of biological re-shuffling in aquatic ecosystems. *Hydrobiologia*, **2020**, 847, 3705-3709	2.4	9
33	Correlates of fish and aquatic macrophyte beta diversity in the Upper Paran River floodplain. *Hydrobiologia*, **2018**, 805, 377-389	2.4	9
32	Toxicological effects of anthropogenic activities in Geophagus brasiliensis from a coastal river of southern Brazil: A biomarker approach. *Science of the Total Environment*, **2019**, 667, 371-383	10.2	7
31	Large-scale Degradation of the Tocantins-Araguaia River Basin. *Environmental Management*, **2021**, 68, 445-452	3.1	7
30	Fish diversity in tidepools: assembling effects of environmental heterogeneity. *Environmental Biology of Fishes*, **2017**, 100, 551-563	1.6	6
29	Evaluation of the water quality of the upper reaches of the main Southern Brazil river (Igua river) through in situ exposure of the native siluriform Rhamdia quelen in cages. *Environmental Pollution*, **2017**, 231, 1245-1255	9.3	6
28	Variance partitioning of deconstructed tropical diatom communities in reservoirs cascade. *Aquatic Sciences*, **2018**, 80, 1	2.5	6
27	Aquatic macrophyte community varies in urban reservoirs with different degrees of eutrophication. *Acta Limnologica Brasiliensia*, **2014**, 26, 129-142	0.9	6
26	Molecular differentiation of species of the genus Zungaro (Siluriformes, Pimelodidae) from the Amazon and Paran Paraguay River basins in Brazil. *Genetics and Molecular Research*, **2011**, 10, 2795-805	1.2	6
25	Invasional meltdown: an experimental test and a framework to distinguish synergistic, additive, and antagonistic effects. *Hydrobiologia*, **2020**, 847, 1603-1618	2.4	6

24	Environmental variables likely influence the periphytic diatom community in a subtropical lotic environment. *Limnologica*, **2020**, 80, 125718	2	6
23	Micropropagation of Hadrolaelia grandis through transverse and longitudinal thin cell layer culture. *South African Journal of Botany*, **2019**, 121, 76-82	2.9	6
22	Morpho-physiological responses of a subtropical strain of Cylindrospermopsis raciborskii (Cyanobacteria) to different light intensities. *Acta Botanica Brasilica*, **2016**, 30, 232-238	1	5
21	The Program for Biodiversity Research in Brazil: The role of regional networks for biodiversity knowledge, dissemination, and conservation. *Anais Da Academia Brasileira De Ciencias*, **2021**, 93, e20201604	1.4	5
20	Latin American scientific contribution to ecology. *Anais Da Academia Brasileira De Ciencias*, **2017**, 89, 2663-2674	1.4	3
19	Diatom diversity at multiple scales in urban reservoirs in Southern Brazil reveals the likely role of trophic state. *Limnologica*, **2018**, 70, 49-57	2	3
18	Monitoring studies should consider temporal variability to reveal relations between cyanobacterial abundance and environmental variables. *Anais Da Academia Brasileira De Ciencias*, **2015**, 87, 1717-26	1.4	3
17	The mechanisms explaining tree species richness and composition are convergent in a megadiverse hotspot. *Biodiversity and Conservation*, **2020**, 29, 799-815	3.4	3
16	Floods homogenize aquatic communities across time but not across space in a Neotropical floodplain. *Aquatic Sciences*, **2021**, 83, 1	2.5	3
15	Acclimation at high temperatures increases the ability of Raphidiopsis raciborskii (Cyanobacteria) to withstand phosphate deficiency and reveals distinct strain responses. *European Journal of Phycology*, **2019**, 54, 359-368	2.2	2
14	A semi-automated approach to classify and map ecological zones across the dune-beach interface. *Estuarine, Coastal and Shelf Science*, **2018**, 208, 61-69	2.9	2
13	Effects of crowding due to habitat loss on species assemblage patterns. *Conservation Biology*, **2020**, 34, 405-415	6	2
12	Evidence of rapid evolution of an invasive poaceae in response to salinity. *Aquatic Sciences*, **2020**, 82, 1	2.5	2
11	A checklist of aquatic macrophytes of the Guaraguaçu river basin reveals a target for conservation in the Atlantic rainforest. *Acta Scientiarum - Biological Sciences*,43, e50542	0.3	2
10	Trade-off in leaf and root investment of an abundant aquatic macrophyte in a Neotropical floodplain. *Fundamental and Applied Limnology*, **2016**, 188, 309-314	1.9	2
9	Freshwater Studies in the Atlantic Forest: General Overview and Prospects **2021**, 205-230		2
8	The invasive tropical tanner grass decreases diversity of the native aquatic macrophyte community at two scales in a subtropical tidal river. *Acta Botanica Brasilica*, **2021**, 35, 140-150	1	2
7	Looking through the predators' eyes: another perspective in naïvetétheory. *Biological Invasions*, **2019**, 21, 2577-2588	2.7	1

6	Metacommunity of a host metapopulation: explaining patterns and structures of a fish parasite metacommunity in a Neotropical floodplain basin. *Hydrobiologia*, **2021**, 848, 5103-5118	2.4	1
5	Macrophyte functional composition is stable across a strong environmental gradient of a Neotropical floodplain. *Acta Botanica Brasilica*, **2021**, 35, 62-69	1	1
4	Variation of Diatoms at Different Scales in the Brazilian Pantanal Basin. *Water (Switzerland)*, **2021**, 13, 823	3	0
3	Community stability and seasonal biotic homogenisation emphasize the effect of the invasive tropical tanner grass on macrophytes from a highly dynamic neotropical tidal river.. *Aquatic Sciences*, **2022**, 84, 30	2.5	0
2	Recurrent landslides affect the functional beta diversity of a megadiverse tropical forest. *Plant Ecology and Diversity*, **2017**, 10, 483-493	2.2	
1	First record of Capartogramma paradisiaca Novelo, Tavera & Ibarra (Diatomeae) in South America. *Revista Brasileira De Botanica*, **2015**, 38, 165-169	1.2	