Luis M Bini

List of Publications by Year in Descending Order

238 papers	11,361 citations	52 h-index	100 g-index
245 ext. papers	12,963 ext. citations	3.4 avg, IF	6.46 L-index

#	Paper	IF	Citations
238	Invertebrate beta diversity in permanent and temporary lentic water bodies: a meta-analytic assessment. *Hydrobiologia*, **2022**, 849, 1273	2.4	
237	Drivers and spatial patterns of population synchrony of fish species in a floodplain. *Freshwater Biology*, **2022**, 67, 857-872	3.1	0
236	Body size explains patterns of fish dominance in streams. *Hydrobiologia*, **2022**, 849, 2241	2.4	1
235	The importance of blue and green landscape connectivity for biodiversity in urban ponds. *Basic and Applied Ecology*, **2021**, 57, 129-129	3.2	3
234	A Cautionary Note on Phylogenetic Signal Estimation from Imputed Databases. *Evolutionary Biology* , **2021**, 48, 246-258	3	2
233	Estimating counterfactuals for evaluation of ecological and conservation impact: an introduction to matching methods. *Biological Reviews*, **2021**, 96, 1186-1204	13.5	0
232	Quality of meta-analyses in freshwater ecology: A systematic review. *Freshwater Biology*, **2021**, 66, 803-814	3.1	0
231	Beta diversity of stream insects differs between boreal and subtropical regions, but land use does not generally cause biotic homogenization. *Freshwater Science*, **2021**, 40, 53-64	2	5
230	Scale-dependent patterns of metacommunity structuring in aquatic organisms across floodplain systems. *Journal of Biogeography*, **2021**, 48, 872-885	4.1	9
229	Functional distance does not predict interspecific synchrony, but functional diversity directly affects community stability. *Limnologica*, **2021**, 86, 125848	2	1
228	Lakes in the era of global change: moving beyond single-lake thinking in maintaining biodiversity and ecosystem services. *Biological Reviews*, **2021**, 96, 89-106	13.5	38
227	Niche measures and growth rate do not predict interspecific variation in spatial synchrony of phytoplankton. *Limnology*, **2021**, 22, 121-127	1.7	3
226	Host diversity, phylogenetic relationships and local environmental factors drive infection patterns of a non-native parasite in tropical floodplain fish assemblages. *Hydrobiologia*, **2021**, 848, 1041-1057	2.4	0
225	Rescue effect drives local persistence of fish species in the Upper Paran River floodplain. *Freshwater Biology*, **2021**, 66, 914-925	3.1	1
224	Interspecific synchrony is related to body-length similarity in a fish community under prolonged drought conditions. *Science of the Total Environment*, **2021**, 781, 146721	10.2	0
223	Large-scale Degradation of the Tocantins-Araguaia River Basin. *Environmental Management*, **2021**, 68, 445-452	3.1	7
222	The reliability of low taxonomic and numerical resolutions for biodiversity monitoring is site specific and dependent on the statistical method. *Ecological Indicators*, **2021**, 129, 107999	5.8	1

221	Spatio-temporal variation in water beetle assemblages across temperate freshwater ecosystems. *Science of the Total Environment*, **2021**, 792, 148071	10.2	1
220	Current environmental conditions are weak predictors of fish community structure compared to community structure of the previous year. *Aquatic Ecology*, **2020**, 54, 729-740	1.9	5
219	Thresholds of freshwater biodiversity in response to riparian vegetation loss in the Neotropical region. *Journal of Applied Ecology*, **2020**, 57, 1391-1402	5.8	49
218	A global comparative analysis of impact evaluation methods in estimating the effectiveness of protected areas. *Biological Conservation*, **2020**, 246, 108595	6.2	14
217	Comparing taxon- and trait-environment relationships in stream communities. *Ecological Indicators*, **2020**, 117, 106625	5.8	2
216	Community size can affect the signals of ecological drift and niche selection on biodiversity. *Ecology*, **2020**, 101, e03014	4.6	16
215	Higher taxa are sufficient to represent biodiversity patterns. *Ecological Indicators*, **2020**, 111, 105994	5.8	24
214	Ecological similarity explains species abundance distribution of small mammal communities. *Acta Oecologica*, **2020**, 102, 103502	1.7	4
213	Sampling effort and information quality provided by rare and common species in estimating assemblage structure. *Ecological Indicators*, **2020**, 110, 105937	5.8	12
212	Can information from citizen science data be used to predict biodiversity in stormwater ponds?. *Scientific Reports*, **2020**, 10, 9380	4.9	2
211	Current climate, but also long-term climate changes and human impacts, determine the geographic distribution of European mammal diversity. *Global Ecology and Biogeography*, **2020**, 29, 1758-1769	6.1	1
210	Negative effect of turbidity on prey capture for both visual and non-visual aquatic predators. *Journal of Animal Ecology*, **2020**, 89, 2427-2439	4.7	8
209	A macroecological approach to evolutionary rescue and adaptation to climate change. *Ecography*, **2019**, 42, 1124-1141	6.5	19
208	Will life find a way out? Evolutionary rescue and Darwinian adaptation to climate change. *Perspectives in Ecology and Conservation*, **2019**, 17, 117-121	3.5	7
207	Biological traits, phylogeny and human footprint signatures on the geographical range size of passerines (Order Passeriformes) worldwide. *Global Ecology and Biogeography*, **2019**, 28, 1183	6.1	4
206	Phytoplankton species interactions and invasion by Ceratium furcoides are influenced by extreme drought and water-hyacinth removal in a shallow tropical reservoir. *Hydrobiologia*, **2019**, 831, 71-85	2.4	21
205	Compositional uniqueness of diatoms and insects in subtropical streams is weakly correlated with riffle position and environmental uniqueness. *Hydrobiologia*, **2019**, 842, 219-232	2.4	6
204	Biases in global effects of exotic species on local invertebrates: a systematic review. *Biological Invasions*, **2019**, 21, 3043-3061	2.7	1

203	Potential mechanisms related to the spatial synchrony of phytoplankton is dependent on the type of data. *Hydrobiologia*, **2019**, 841, 95-108	2.4	1
202	Environmental variables drive differences in the beta diversity of dragonfly assemblages among urban stormwater ponds. *Ecological Indicators*, **2019**, 106, 105529	5.8	13
201	Meta-analyzing the likely cross-species responses to climate change. *Ecology and Evolution*, **2019**, 9, 11136-11144	2.6	4
200	Correlates of different facets and components of beta diversity in stream organisms. *Oecologia*, **2019**, 191, 919-929	2.9	20
199	Global meta-analysis reveals that invertebrate diversity is higher in permanent than in temporary lentic water bodies. *Freshwater Biology*, **2019**, 64, 2234-2246	3.1	6
198	Forecasting conservation impact to pinpoint spatial priorities in the Brazilian Cerrado. *Biological Conservation*, **2019**, 240, 108283	6.2	11
197	Zooplankton temporal beta diversity along the longitudinal axis of a tropical reservoir. *Limnology*, **2019**, 20, 121-130	1.7	10
196	Do traditional scientometric indicators predict social media activity on scientific knowledge? An analysis of the ecological literature. *Scientometrics*, **2018**, 115, 1007-1015	3	10
195	Species-poor and low-lying sites are more ecologically unique in a hyperdiverse Amazon region: Evidence from multiple taxonomic groups. *Diversity and Distributions*, **2018**, 24, 966-977	5	24
194	Biological surrogates: A word of caution. *Ecological Indicators*, **2018**, 88, 214-218	5.8	16
193	Similarities in correlates of native and introduced fish species richness distribution in Brazilian reservoirs. *Hydrobiologia*, **2018**, 817, 167-177	2.4	8
192	Predicting occupancy and abundance by niche position, niche breadth and body size in stream organisms. *Oecologia*, **2018**, 186, 205-216	2.9	23
191	Science and democracy must orientate Brazil's path to sustainability. *Perspectives in Ecology and Conservation*, **2018**, 16, 121-124	3.5	17
190	Experiments reveal that environmental heterogeneity increases species richness, but they are rarely designed to detect the underlying mechanisms. *Oecologia*, **2018**, 188, 11-22	2.9	21
189	Correlates of fish and aquatic macrophyte beta diversity in the Upper Paran River floodplain. *Hydrobiologia*, **2018**, 805, 377-389	2.4	9
188	Environmental distances are more important than geographic distances when predicting spatial synchrony of zooplankton populations in a tropical reservoir. *Freshwater Biology*, **2018**, 63, 1592-1601	3.1	8
187	Local environment and space drive multiple facets of stream macroinvertebrate beta diversity. *Journal of Biogeography*, **2018**, 45, 2744-2754	4.1	55
186	Competitive Effects Hinder the Recolonization of Native Species in Environments Densely Occupied by One Invasive Exotic Species. *Frontiers in Plant Science*, **2018**, 9, 1261	6.2	12

185	Effects of connectivity and watercourse distance on temporal coherence patterns in a tropical reservoir. *Environmental Monitoring and Assessment*, **2018**, 190, 566	3.1	2
184	Hard to predict: Synchrony in epiphytic biomass in a floodplain is independent of spatial proximity, environmental distance, and environmental synchrony. *Ecological Indicators*, **2018**, 93, 379-386	5.8	3
183	Effects of land use and spatial processes in water and surface sediment of tropical reservoirs at local and regional scales. *Science of the Total Environment*, **2018**, 644, 237-246	10.2	33
182	Subtropical streams harbour higher genus richness and lower abundance of insects compared to boreal streams, but scale matters. *Journal of Biogeography*, **2018**, 45, 1983-1993	4.1	25
181	Temporal variation in phytoplankton beta diversity patterns and metacommunity structures across subtropical reservoirs. *Freshwater Biology*, **2017**, 62, 751-766	3.1	43
180	Beta diversity of diatoms is driven by environmental heterogeneity, spatial extent and productivity. *Hydrobiologia*, **2017**, 800, 7-16	2.4	26
179	Integrating dispersal proxies in ecological and environmental research in the freshwater realm. *Environmental Reviews*, **2017**, 25, 334-349	4.5	55
178	Common and Rare Taxa of Planktonic Ciliates: Influence of Flood Events and Biogeographic Patterns in Neotropical Floodplains. *Microbial Ecology*, **2017**, 74, 522-533	4.4	10
177	Biodiversity in perennial and intermittent rivers: a meta-analysis. *Oikos*, **2017**, 126, 1078-1089	4	46
176	Metapopulation models predict the temporal response of two macrophytes to drought in a subtropical water reservoir. *Ecological Engineering*, **2017**, 100, 1-7	3.9	2
175	Predicting temporal variation in zooplankton beta diversity is challenging. *PLoS ONE*, **2017**, 12, e0187499	3.7	13
174	The strength of species sorting of phytoplankton communities is temporally variable in subtropical reservoirs. *Hydrobiologia*, **2017**, 800, 31-43	2.4	19
173	Biodiversity shortcuts in biomonitoring of novel ecosystems. *Ecological Indicators*, **2017**, 82, 505-512	5.8	6
172	Taxonomic sufficiency in detecting hydrological changes and reproducing ordination patterns: A test using planktonic ciliates. *Ecological Indicators*, **2017**, 82, 227-232	5.8	5
171	Sampling sufficiency for estimating zooplankton diversity in neotropical floodplain lakes. *Lakes and Reservoirs: Research and Management*, **2017**, 22, 190-196	1.2	2
170	Local environment and connectivity are the main drivers of diatom species composition and trait variation in a set of tropical reservoirs. *Freshwater Biology*, **2017**, 62, 1551-1563	3.1	22
169	Environmental filters predict the trait composition of fish communities in reservoir cascades. *Hydrobiologia*, **2017**, 802, 245-253	2.4	43
168	Biotic resistance buffers the effects of nutrient enrichment on the success of a highly invasive aquatic plant. *Freshwater Biology*, **2017**, 62, 65-71	3.1	11

167	Unravelling the correlates of species richness and ecological uniqueness in a metacommunity of urban pond insects. *Ecological Indicators*, **2017**, 73, 422-431	5.8	35
166	Main predictors of periphyton species richness depend on adherence strategy and cell size. *PLoS ONE*, **2017**, 12, e0181720	3.7	15
165	Drivers of academic performance in a Brazilian university under a government-restructuring program. *Journal of Informetrics*, **2016**, 10, 151-161	3.1	11
164	Systematic review on the conservation genetics of African savannah elephants. *PeerJ*, **2016**, 4, e2567	3.1	4
163	Contributions of airborne dispersal and dormant propagule recruitment to the assembly of rotifer and crustacean zooplankton communities in temporary ponds. *Freshwater Biology*, **2016**, 61, 658-669	3.1	23
162	Spatial and environmental drivers of macrophyte diversity and community composition in temperate and tropical calcareous rivers. *Aquatic Botany*, **2016**, 132, 49-61	1.8	19
161	Floods decrease zooplankton beta diversity and environmental heterogeneity in an Amazonian floodplain system. *Hydrobiologia*, **2015**, 753, 233-241	2.4	89
160	Are non-native species larger in their invaded range? A test with tropical floodplain fish assemblages following inundation of a biogeographic barrier. *Biological Invasions*, **2015**, 17, 3263-3274	2.7	6
159	Concordance among zooplankton groups in a near-pristine floodplain system. *Ecological Indicators*, **2015**, 58, 374-381	5.8	12
158	Biodiversity analyses: are aquatic ecologists doing any better and differently than terrestrial ecologists?. *Hydrobiologia*, **2015**, 750, 5-12	2.4	16
157	Reconceptualising the beta diversity-environmental heterogeneity relationship in running water systems. *Freshwater Biology*, **2015**, 60, 223-235	3.1	163
156	A comparative analysis reveals weak relationships between ecological factors and beta diversity of stream insect metacommunities at two spatial levels. *Ecology and Evolution*, **2015**, 5, 1235-48	2.8	132
155	Phylogenetic eigenvectors and nonstationarity in the evolution of theropod dinosaur skulls. *Journal of Evolutionary Biology*, **2015**, 28, 1410-6	2.3	9
154	The best of both worlds: Phylogenetic eigenvector regression and mapping. *Genetics and Molecular Biology*, **2015**, 38, 396-400	2	10
153	The likely effects of river impoundment on beta-diversity of a floodplain zooplankton metacommunity. *Natureza A Conservacao*, **2015**, 13, 74-79		14
152	Metacommunity organisation, spatial extent and dispersal in aquatic systems: patterns, processes and prospects. *Freshwater Biology*, **2015**, 60, 845-869	3.1	477
151	The role of microorganisms in a planktonic food web of a floodplain lake. *Microbial Ecology*, **2015**, 69, 225-33	4.4	23
150	Effects of bottom-up and top-down controls on the temporal distribution of planktonic heterotrophic nanoflagellates are dependent on water depth. *Hydrobiologia*, **2014**, 736, 155-164	2.4	7

149	Variance partitioning of deconstructed periphyton communities: does the use of biological traits matter?. *Hydrobiologia*, **2014**, 722, 279-290	2.4	64
148	Patterns of zooplankton population synchrony in a tropical reservoir. *Journal of Plankton Research*, **2014**, 36, 966-977	2.2	13
147	Concordance among aquatic communities in a tropical irrigation system. *Natureza A Conservacao*, **2014**, 12, 36-41		3
146	Determinants of chlorophyll-a concentration in tropical reservoirs. *Hydrobiologia*, **2014**, 740, 89-99	2.4	19
145	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
144	Dispersal ability determines the role of environmental, spatial and temporal drivers of metacommunity structure. *PLoS ONE*, **2014**, 9, e111227	3.7	178
143	Perspectives on the use of lakes and ponds as model systems for macroecological research. *Journal of Limnology*, **2014**, 73,	1.5	24
142	Phylogenetic eigenvector regression in paleobiology. *Revista Brasileira De Paleontologia*, **2014**, 17, 105-122	1.7	6
141	Correlates of zooplankton beta diversity in tropical lake systems. *PLoS ONE*, **2014**, 9, e109581	3.7	60
140	Exploring patterns in macroecological traits using sequential phylogenetic eigenvector regression. *Ecosistemas*, **2014**, 23, 21-26	1.7	6
139	Species richness increases the resilience of wetland plant communities in a tropical floodplain. *Austral Ecology*, **2013**, 38, 592-598	1.5	19
138	Darwinian shortfalls in biodiversity conservation. *Trends in Ecology and Evolution*, **2013**, 28, 689-95	10.9	128
137	A new eigenfunction spatial analysis describing population genetic structure. *Genetica*, **2013**, 141, 479-89	1.5	5
136	Metacommunity structuring in stream networks: roles of dispersal mode, distance type, and regional environmental context. *Ecology and Evolution*, **2013**, 3, 4473-87	2.8	165
135	Mantel test in population genetics. *Genetics and Molecular Biology*, **2013**, 36, 475-85	2	243
134	Native macrophyte density and richness affect the invasiveness of a tropical poaceae species. *PLoS ONE*, **2013**, 8, e60004	3.7	28
133	Higher Taxa Predict Plankton Beta-diversity Patterns Across an Eutrophication Gradient. *Natureza A Conservacao*, **2013**, 11, 43-47		13
132	The roles of dispersal limitation and environmental conditions in controlling caddisfly (Trichoptera) assemblages. *Freshwater Biology*, **2012**, 57, 1554-1564	3.1	78

131	Patterns of interactions of a large fish-parasite network in a tropical floodplain. *Journal of Animal Ecology*, **2012**, 81, 905-13	4.7	44
130	Exploring patterns of interspecific variation in quantitative traits using sequential phylogenetic eigenvector regressions. *Evolution; International Journal of Organic Evolution*, **2012**, 66, 1079-90	3.8	52
129	Common and rare species respond to similar niche processes in macroinvertebrate metacommunities. *Ecography*, **2012**, 35, 183-192	6.5	122
128	On the selection of phylogenetic eigenvectors for ecological analyses. *Ecography*, **2012**, 35, 239-249	6.5	87
127	Evidence against the use of surrogates for biomonitoring of Neotropical floodplains. *Freshwater Biology*, **2012**, 57, 2411-2423	3.1	30
126	Thirty-five years of spatial autocorrelation analysis in population genetics: an essay in honour of Robert Sokal (1926-2012). *Biological Journal of the Linnean Society*, **2012**, 107, 721-736	1.9	12
125	Aquatic macrophyte traits and habitat utilization in the Upper Paran River floodplain, Brazil. *Aquatic Botany*, **2012**, 102, 50-55	1.8	9
124	Relationships between multiple biological groups and classification schemes in a Neotropical floodplain. *Ecological Indicators*, **2012**, 13, 55-65	5.8	25
123	How far can we go in simplifying biomonitoring assessments? An integrated analysis of taxonomic surrogacy, taxonomic sufficiency and numerical resolution in a megadiverse region. *Ecological Indicators*, **2012**, 23, 366-373	5.8	61
122	A metacommunity framework for enhancing the effectiveness of biological monitoring strategies. *PLoS ONE*, **2012**, 7, e43626	3.7	54
121	Obsession with quantity: a view from the south. *Trends in Ecology and Evolution*, **2012**, 27, 585; author reply 587-8	10.9	18
120	Distance decay of similarity in neotropical diatom communities. *PLoS ONE*, **2012**, 7, e45071	3.7	82
119	Effects of nitrogen and phosphorus on the abundance and cell size of planktonic nanoflagellate communities. *Acta Limnologica Brasiliensia*, **2012**, 24, 427-437	0.9	
118	A comparison of metrics for estimating phylogenetic signal under alternative evolutionary models. *Genetics and Molecular Biology*, **2012**, 35, 673-9	2	31
117	Spatial autocorrelation analysis allows disentangling the balance between neutral and niche processes in metacommunities. *Oikos*, **2012**, 121, 201-210	4	74
116	Concordance among assemblages of upland Amazonian lakes and the structuring role of spatial and environmental factors. *Ecological Indicators*, **2011**, 11, 1171-1176	5.8	41
115	Concordance patterns in zooplankton assemblages in the UHE - Luís Eduardo Magalhães reservoir in the Mid-Tocantins river, Tocantins State, Brazil. *Acta Scientiarum - Biological Sciences*, **2011**, 33,	0.3	3
114	Focusing on variation: methods and applications of the concept of beta diversity in aquatic ecosystems. *Acta Limnologica Brasiliensia*, **2011**, 23, 318-331	0.9	29

113	Ice age climate, evolutionary constraints and diversity patterns of European dung beetles. *Ecology Letters*, **2011**, 14, 741-8	10	150
112	Niche conservatism and species richness patterns of squamate reptiles in eastern and southern Africa. *Austral Ecology*, **2011**, 36, 550-558	1.5	11
111	Climatic niche conservatism and the evolutionary dynamics in species range boundaries: global congruence across mammals and amphibians. *Journal of Biogeography*, **2011**, 38, 2237-2247	4.1	66
110	Spatial eigenfunction analyses in stream networks: do watercourse and overland distances produce different results?. *Freshwater Biology*, **2011**, 56, 1184-1192	3.1	112
109	Eigenvector estimation of phylogenetic and functional diversity. *Functional Ecology*, **2011**, 25, 735-744	5.6	20
108	Zooplankton Community Metrics as Indicators of Eutrophication in Urban Lakes. *Natureza A Conservacao*, **2011**, 9, 87-92		12
107	Geographical Patterns in Biodiversity: Towards an Integration of Concepts and Methods from Genes to Species Diversity. *Natureza A Conservacao*, **2011**, 9, 179-187		10
106	Geographical patterns of micro-organismal community structure: are diatoms ubiquitously distributed across boreal streams?. *Oikos*, **2010**, 119, 129-137	4	126
105	SAM: a comprehensive application for Spatial Analysis in Macroecology. *Ecography*, **2010**, 33, 46-50	6.5	921
104	Cross-species and assemblage-based approaches to Bergmann's rule and the biogeography of body size in Plethodon salamanders of eastern North America. *Ecography*, **2010**, 33, no-no	6.5	19
103	Untangling associations between chironomid taxa in Neotropical streams using local and landscape filters. *Freshwater Biology*, **2010**, 55, 847-865	3.1	55
102	Ensemble forecasting shifts in climatically suitable areas for Tropidacris cristata (Orthoptera: Acridoidea: Romaleidae). *Insect Conservation and Diversity*, **2010**, 3, 213	3.8	36
101	Phylogenetic autocorrelation and heritability of geographic range size, shape and position of fiddler crabs, genus Uca (Crustacea, Decapoda). *Journal of Zoological Systematics and Evolutionary Research*, **2010**, 48, 102-108	1.9	11
100	Global literature of fiddler crabs, genus Uca (Decapoda, Ocypodidae): trends and future directions. *Iheringia - Serie Zoologia*, **2010**, 100, 463-468	0.9	12
99	The influence of Homage to Santa Rosalia on aquatic ecology: a scientometric approach **2010**, 7-13		
98	Influence of taxonomic and numerical resolution on the analysis of temporal changes in phytoplankton communities. *Ecological Indicators*, **2010**, 10, 249-255	5.8	51
97	Limnological effects of Egeria najas Planchon (Hydrocharitaceae) in the arms of Itaipu Reservoir (Brazil, Paraguay). *Limnology*, **2010**, 11, 39-47	1.7	17
96	The influence of Homage to Santa Rosalia on aquatic ecology: a scientometric approach. *Hydrobiologia*, **2010**, 653, 7-13	2.4	9

95	Weak evidence for determinants of citation frequency in ecological articles. *Scientometrics*, **2010**, 85, 1-12	3	42
94	Distribuição geográfica potencial de espécies americanas do caranguejo "violinista" (Uca spp.) (Crustacea, Decapoda) com base em modelagem de nicho ecológico. *Iheringia - Serie Zoologia*, **2009**, 99, 92-98	0.9	6
93	The climate envelope may not be empty. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, E47; author reply E41-3	11.5	18
92	The role of niche measures in explaining the abundance–distribution relationship in tropical lotic chironomids. *Hydrobiologia*, **2009**, 636, 163-172	2.4	31
91	Niche modelling and landscape genetics of Caryocar brasiliense (Pequi Tree: Caryocaraceae) in Brazilian Cerrado: an integrative approach for evaluating central–peripheral population patterns. *Tree Genetics and Genomes*, **2009**, 5, 617-627	2.1	37
90	Climate history, human impacts and global body size of Carnivora (Mammalia: Eutheria) at multiple evolutionary scales. *Journal of Biogeography*, **2009**, 36, 2222-2236	4.1	59
89	Coefficient shifts in geographical ecology: an empirical evaluation of spatial and non-spatial regression. *Ecography*, **2009**, 32, 193-204	6.5	207
88	Partitioning and mapping uncertainties in ensembles of forecasts of species turnover under climate change. *Ecography*, **2009**, 32, 897-906	6.5	409
87	Conservation biogeography of mammals in the Cerrado biome under the unified theory of macroecology. *Acta Oecologica*, **2009**, 35, 630-638	1.7	9
86	No evidence for environmental and spatial processes in structuring phytoplankton communities. *Acta Oecologica*, **2009**, 35, 720-726	1.7	96
85	Agriculture, habitat loss and spatial patterns of human occupation in a biodiversity hotspot. *Scientia Agricola*, **2009**, 66, 764-771	2.5	20
84	Macroecologia, biogeografia e áreas prioritárias para conservação no cerrado. *Oecologia Brasiliensis* , **2009**, 13, 470-497		18
83	Biodiversity surrogate groups and conservation priority areas: birds of the Brazilian Cerrado. *Diversity and Distributions*, **2008**, 14, 78-86	5	16
82	Model selection and information theory in geographical ecology. *Global Ecology and Biogeography*, **2008**, 17, 479-488	6.1	166
81	Spatial analysis improves species distribution modelling during range expansion. *Biology Letters*, **2008**, 4, 577-80	3.6	127
80	Conservation planning: a macroecological approach using the endemic terrestrial vertebrates of the Brazilian Cerrado. *Oryx*, **2008**, 42, 567	1.5	25
79	Phytoplankton biodiversity changes in a shallow tropical reservoir during the hypertrophication process. *Brazilian Journal of Biology*, **2008**, 68, 1061-7	1.5	24
78	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

77	Autoregressive modelling of species richness in the Brazilian Cerrado. *Brazilian Journal of Biology*, **2008**, 68, 233-40	1.5	6
76	Zooplankton assemblage concordance patterns in Brazilian reservoirs. *Hydrobiologia*, **2008**, 598, 247-255	2.4	31
75	Temporal coherence of zooplankton abundance in a tropical reservoir. *Hydrobiologia*, **2008**, 614, 387-399	2.4	20
74	Trends in the scientific literature on phytoplankton. *Limnology*, **2008**, 9, 153-158	1.7	28
73	The Temporal Asynchrony of Planktonic Cladocerans Population at Different Environments of the Upper Paran River Floodplain. *International Review of Hydrobiology*, **2008**, 93, 679-689	2.3	4
72	Padr es de autocorrela espacial de ndices de vegeta MODIS no bioma cerrado. *Revista Arvore*, **2008**, 32, 279-290	1	8
71	Macroevolutionary dynamics in environmental space and the latitudinal diversity gradient in New World birds. *Proceedings of the Royal Society B: Biological Sciences*, **2007**, 274, 43-52	4.4	38
70	Diel variation in the ascent of fishes up an experimental fish ladder at Itaipu Reservoir: fish size, reproductive stage and taxonomic group influences. *Neotropical Ichthyology*, **2007**, 5, 215-222	1.3	14
69	Environmental factors related to entry into and ascent of fish in the experimental ladder located close to Itaipu Dam. *Neotropical Ichthyology*, **2007**, 5, 153-160	1.3	15
68	Concordance of Species Composition Patterns among Microcrustaceans, Rotifers and Testate Amoebae in a Shallow Pond. *International Review of Hydrobiology*, **2007**, 92, 9-22	2.3	22
67	Seeing the forest for the trees: partitioning ecological and phylogenetic components of Bergmann's rule in European Carnivora. *Ecography*, **2007**, 30, 598-608	6.5	6
66	Red herrings revisited: spatial autocorrelation and parameter estimation in geographical ecology. *Ecography*, **2007**, 30, 375-384	6.5	165
65	Macroecology, global change and the shadow of forgotten ancestors. *Global Ecology and Biogeography*, **2007**, 17, 070909153804001-???	6.1	3
64	Undesirable side-effects of water hyacinth control in a shallow tropical reservoir. *Freshwater Biology*, **2007**, 52, 1120-1133	3.1	65
63	Influence of aquatic macrophyte habitat complexity on invertebrate abundance and richness in tropical lagoons. *Freshwater Biology*, **2007**, 53, 071116231725007-???	3.1	39
62	Floods increase similarity among aquatic habitats in river-floodplain systems. *Hydrobiologia*, **2007**, 579, 1-13	2.4	504
61	Conservation biogeography of anurans in Brazilian Cerrado. *Biodiversity and Conservation*, **2007**, 16, 997-1008	3.4	27
60	Selecting priority areas to conserve Psittacines in the Brazilian cerrado: minimizing human conservation conflicts. *Bird Conservation International*, **2007**, 17, 13-22	1.7	10

59	Influence of spatial complexity on the density and diversity of periphytic rotifers, microcrustaceans and testate amoebae. *Fundamental and Applied Limnology*, **2007**, 170, 77-85	1.9	24
58	Seeing the forest for the trees: partitioning ecological and phylogenetic components of Bergmann's rule in European Carnivora. *Ecography*, **2007**, 30, 598-608	6.5	68
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