Leonardo Maltchik

List of Publications by Year
in descending order

133 papers	2,597 citations	279778 23 h-index	276858 41 g-index
134 all docs	134 docs citations	134 times ranked	2511 citing authors

#	Article	IF	Citations
1	Diversity and distribution of the genus Hyalella (Crustacea: Amphipoda: Hyalellidae) in temporary wetlands from the southern Brazilian Coastal Plain, with a taxonomic key to the species in the region. Studies on Neotropical Fauna and Environment, 2023, 58, 356-372.	1.0	2
2	Using topsoil translocation from natural wetlands to restore rice field systems. Restoration Ecology, 2022, 30, e13526.	2.9	2
3	Hatching dynamics of invertebrate dormant stages in temporary ponds are influenced by multiple hydrations. Freshwater Science, 2022, 41, 143-152.	1.8	2
4	Intensification of the rice cultivation cycle reduces the diversity of aquatic insect communities in southern Brazilian irrigated rice fields. Journal of Insect Conservation, 2022, 26, 515-524.	1.4	2
5	Perils of life on the edge: Climatic threats to global diversity patterns of wetland macroinvertebrates. Science of the Total Environment, 2022, 820, 153052.	8.0	23
6	Potential dispersal of aquatic snails by waterbird endozoochory in neotropical wetlands. Biota Neotropica, 2022, 22, .	0.5	2
7	Growing a fin: wetland and upland effects on tadpole morphology of Scinax squalirostris (Anura:) Tj ETQq1 1 0.784314 rgBT /Overloc	0.8	1
8	Everyone has their limits: reproductive mode drives amphibian responses to land use in coastal areas. Marine and Freshwater Research, 2021, 72, 321.	1.3	4
9	Seed dispersal by neotropical waterfowl depends on bird species and seasonality. Freshwater Biology, 2021, 66, 78-88.	2.4	13
10	The role of environmental and spatial factors in the assembly of aquatic insect communities in southern Brazilian temporary ponds. Austral Ecology, 2021, 46, 228-238.	1.5	8
11	Two new annual fishes (Cyprinodontiformes: Rivulidae) unexpectedly discovered in the highlands of southern Brazil. Zootaxa, 2021, 4949, zootaxa.4949.3.4.	0.5	6
12	Ecological correlates of the alpha and beta diversity of zooplankton hatchling communities in seasonal subtropical ponds. Ecological Research, 2021, 36, 464-477.	1.5	2
13	Can the use of zooplankton dormant stages from natural wetlands contribute to restoration of mined wetlands?. Aquatic Ecology, 2021, 55, 681-693.	1.5	3
14	Protected Areas of the Pampa biome presented land use incompatible with conservation purposes. Journal of Land Use Science, 2021, 16, 260-272.	2.2	12
15	Three new species of Hyalella (Crustacea: Amphipoda: Hyalellidae) from the Southern Brazilian Coastal Plain. Zootaxa, 2021, 4970, 257292.	0.5	8
16	Spatiotemporal assembly patterns of macroinvertebrate metacommunity structure in subtropical wetlands with different hydroperiods. International Review of Hydrobiology, 2021, 106, 239-248.	0.9	6
17	Does taxonomic and numerical resolution affect the assessment of invertebrate community structure in New World freshwater wetlands?. Ecological Indicators, 2021, 125, 107437.	6.3	20
18	Biomarkers of oxidative stress in the post-embryonic characterization of the neotropical annual killifish. Biogerontology, 2021, 22, 507-530.	3.9	2

#	Article	IF	Citations
19	Recognizing the enemy: do predator cues influence hatching in Neotropical annual killifish?. Journal of Fish Biology, 2021, 99, 1476-1484.	1.6	5
20	Drivers of the beta diversity of spider assemblages in southern Brazilian temporary wetlands. Ecological Entomology, 2020, 45, 466-475.	2.2	7
21	Community structure and concordance patterns among zooplankton life stages in subtropical temporary ponds. Aquatic Ecology, 2020, 54, 257-270.	1.5	12
22	Oxidative stress resistance in a short-lived Neotropical annual killifish. Biogerontology, 2020, 21, 217-229.	3.9	11
23	Sexual dimorphism in Belostoma angustum Lauck (Insecta: Heteroptera: Belostomatidae) may be related to paternal care. Biological Journal of the Linnean Society, 2020, 129, 288-314.	1.6	0
24	Effects of hydroperiod on morphology of tadpoles from highland ponds. Aquatic Ecology, 2020, 54, 1145-1153.	1.5	3
25	Thresholds of freshwater biodiversity in response to riparian vegetation loss in the Neotropical region. Journal of Applied Ecology, 2020, 57, 1391-1402.	4.0	100
26	Partitioning of macroinvertebrate assemblages across temporary pools in an intermittent dryland river. Inland Waters, 2020, 10, 480-492.	2.2	1
27	Land use in Brazilian continental wetland Ramsar sites. Land Use Policy, 2020, 99, 104851.	5.6	7
28	Additive partitioning of the diversity of the dormant zooplankton communities in intermittent ponds along a forestâ€“grassland transition. Hydrobiologia, 2020, 847, 1327-1342.	2.0	13
29	Climateâ€•versus geographicâ€dependent patterns in the spatial distribution of macroinvertebrate assemblages in New World depressional wetlands. Global Change Biology, 2020, 26, 6895-6903.	9.5	11
30	Effects of the presence of annual killifish on the assemblage structure of resting stages of aquatic invertebrates in temporary ponds. , 2020, 39, 1-16.		6
31	Age-associated liver alterations in wild populations of Austrolebias minuano, a short-lived Neotropical annual killifish. Biogerontology, 2019, 20, 687-698.	3.9	13
32	Disentangling the role of niche-based and spatial processes on anuran beta diversity in temporary ponds along a forestâ€“grassland transition. Aquatic Sciences, 2019, 81, 1.	1.5	16
33	Killifish eggs can disperse via gut passage through waterfowl. Ecology, 2019, 100, e02774.	3.2	32
34	Beaverâ€created successional gradients increase Î²â€diversity of invertebrates by turnover in streamâ€wetland complexes. Freshwater Biology, 2019, 64, 1265-1274.	2.4	19
35	Coevolution between male and female genitalia in Belostoma angustum Lauck, 1964 (Insecta,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	4
36	Drivers of the beta diversity of aquatic plant communities along a latitudinal gradient in southern Brazilian coastal ponds. Journal of Vegetation Science, 2019, 30, 281-290.	2.2	18

#	Article	IF	Citations
37	Effects of wetland hydroperiod length on the functional structure of assemblages of Odonata. Austral Entomology, 2019, 58, 354-360.	1.4	7
38	Drivers of beta diversity of Odonata along a forestâ€“grassland transition in southern Brazilian coastal ponds. Freshwater Science, 2018, 37, 357-366.	1.8	17
39	Environmental predictors for annual fish assemblages in subtropical grasslands of South America: the role of landscape and habitat characteristics. Environmental Biology of Fishes, 2018, 101, 963-977.	1.0	12
40	Legislation for wetland conservation in Brazil: Are existing terms and definitions sufficient?. Environmental Conservation, 2018, 45, 301-305.	1.3	12
41	Responses of macroinvertebrate communities to pesticide application in irrigated rice fields. Environmental Monitoring and Assessment, 2018, 190, 74.	2.7	23
42	Partitioning tadpole beta diversity in highland ponds with different hydroperiods. Freshwater Science, 2018, 37, 380-388.	1.8	14
43	Avian predation mediates size-specific survival in a Neotropical annual fish: a field experiment. Biological Journal of the Linnean Society, 2018, 124, 56-66.	1.6	10
44	Effects of riparian vegetation width and substrate type on riffle beetle community structure. Entomological Science, 2018, 21, 66-75.	0.6	18
45	Integration and modularity in the male genitalia and parameres of Belostoma species of bifoveolatum group sensu Lauck, 1962 (Insecta, Heteroptera, Belostomatidae). Zoologischer Anzeiger, 2018, 272, 45-64.	0.9	9
46	Whole angiosperms Wolffia columbiana disperse by gut passage through wildfowl in South America. Biology Letters, 2018, 14, 20180703.	2.3	26
47	Influence of plant habitat types and the presence of fish predators on macroinvertebrate assemblages in southern Brazilian highland wetlands. Fundamental and Applied Limnology, 2018, 192, 65-77.	0.7	9
48	Comparison of aquatic macrophyte community structure between natural wetlands and rice fields with different cultivation ages. Brazilian Journal of Biology, 2018, 78, 224-232.	0.9	2
49	Habitat structure determines spider diversity in highland ponds. Ecological Research, 2017, 32, 359-367.	1.5	25
50	Dormant propagule banks of aquatic invertebrates in ponds invaded by exotic pine species in southern Brazil. Marine and Freshwater Research, 2017, 68, 954.	1.3	5
51	Partitioning betaâ€diversity through different pond hydroperiod lengths reveals predominance of nestedness in assemblages of immature odonates. Entomological Science, 2017, 20, 318-326.	0.6	11
52	Composition of cladoceran dormant stages in intermittent ponds with different hydroperiod lengths. Ecological Research, 2017, 32, 921-930.	1.5	17
53	Can rice field management practices contribute to the conservation of species from natural wetlands? Lessons from Brazil. Basic and Applied Ecology, 2017, 18, 50-56.	2.7	24
54	Seasonal dynamics in community structure, abundance, body size and sex ratio in two species of Neotropical annual fishes. Journal of Fish Biology, 2016, 89, 2345-2364.	1.6	22

#	Article	IF	Citations
55	Can organic and conventional agricultural systems affect wetland macroinvertebrate taxa in rice fields?. Basic and Applied Ecology, 2016, 17, 220-229.	2.7	17
56	Stop and ask for directions: factors affecting anuran detection and occupancy in Pampa farmland ponds. Ecological Research, 2016, 31, 65-74.	1.5	25
57	How does the management of rice in natural ponds alter aquatic insect community functional structure?. Marine and Freshwater Research, 2016, 67, 1644.	1.3	9
58	Effects of spatial scale and habitat on the diversity of diapausing wetland invertebrates. Aquatic Biology, 2016, 25, 173-181.	1.4	9
59	Does intensification of the rice cultivation cycle influence anuran diversity in rice fields?. Wetlands Ecology and Management, 2015, 23, 695-705.	1.5	4
60	Effects of an artificial and annual opening of a natural sandbar on the fish community in a coastal lagoon system: a case study in Lagoa do Peixe floodplains, southern Brazil. Journal of Applied Ichthyology, 2015, 31, 321-327.	0.7	13
61	The effects of different rice cultivation systems and ages on resting stages of wetland invertebrates in southern Brazil. Marine and Freshwater Research, 2015, 66, 276.	1.3	16
62	Our time will come: Is anuran community structure related to crop age?. Austral Ecology, 2015, 40, 827-835.	1.5	13
63	The morphologyâ€“diet relationship and its role in the coexistence of two species of annual fishes. Ecology of Freshwater Fish, 2015, 24, 77-90.	1.4	34
64	Intermittently Closed Estuaries and Tadpole Communities: Influence of Artificial Breaching. Estuaries and Coasts, 2015, 38, 979-987.	2.2	16
65	Development of a multimetric index based on aquatic macroinvertebrate communities to assess water quality of rice fields in southern Brazil. Hydrobiologia, 2015, 742, 1-14.	2.0	22
66	Can organic rice crops help conserve aquatic plants in southern <scp>B</scp>razil wetlands?. Applied Vegetation Science, 2014, 17, 346-355.	1.9	16
67	Brazilian wetlands: their definition, delineation, and classification for research, sustainable management, and protection. Aquatic Conservation: Marine and Freshwater Ecosystems, 2014, 24, 5-22.	2.0	383
68	Dung beetle communities as biological indicators of riparian forest widths in southern Brazil. Ecological Indicators, 2014, 36, 703-710.	6.3	41
69	Abundance variations and life history traits of two sympatric species of Neotropical annual fish (Cyprinodontiformes: Rivulidae) in temporary ponds of southern Brazil. Journal of Natural History, 2014, 48, 1971-1988.	0.5	23
70	Reduced riparian zone width compromises aquatic macroinvertebrate communities in streams of southern Brazil. Environmental Monitoring and Assessment, 2014, 186, 7063-7074.	2.7	28
71	Sensitivity of Danio rerio (Teleostei, Cyprinidae) During Two Stages of Development Based on Acute Toxicity Tests. Bulletin of Environmental Contamination and Toxicology, 2014, 93, 442-445.	2.7	10
72	Effects of landscape factors and hydroperiod on aquatic macroinvertebrates with different dispersal strategies in southern Brazil ponds. Journal of Freshwater Ecology, 2014, 29, 319-335.	1.2	14

#	Article	IF	Citations
73	Does Organic Agriculture Benefit Anuran Diversity in Rice Fields?. Wetlands, 2014, 34, 725-733.	1.5	16
74	Landscape and habitat characteristics associated with fish occurrence and richness in southern Brazil palustrine wetland systems. Environmental Biology of Fishes, 2014, 97, 297-308.	1.0	9
75	Checklist of amphibians in a rice paddy area in the Uruguayan savanna, southern Brazil. Check List, 2014, 10, 1014-1019.	0.4	8
76	Does the management of sandbar openings influence the macroinvertebrate communities in southern Brazil wetlands? A case study at Lagoa do Peixe National Park â€“ Ramsar site. Ocean and Coastal Management, 2013, 71, 26-32.	4.4	18
77	The diet ofCynopoecilus fulgensCosta, 2002 (Cyprinodontiformes: Rivulidae) in Southern Brazil wetlands. Italian Journal of Zoology, 2013, 80, 291-302.	0.6	10
78	Does the Lagoa do Peixe sandbar opening influence the macrophyte richness and composition in Southern Brazil wetlands?. Revista De Biologia Tropical, 2013, 61, 409-17.	0.4	5
79	Effects of pine invasion on anurans assemblage inÂsouthernÂBrazilÂcoastalÂponds. Amphibia - Reptilia, 2012, 33, 227-237.	0.5	35
80	Assessing patterns of nestedness and co-occurrence in coastal pond anuran assemblages. Amphibia - Reptilia, 2012, 33, 261-271.	0.5	17
81	Do effects of landscape factors on coastal pond macrophyte communities depend on species traits?. Aquatic Botany, 2012, 103, 115-121.	1.6	13
82	Does Non-Intentional Flooding of Rice Fields After Cultivation Contribute to Waterbird Conservation in Southern Brazil?. Waterbirds, 2012, 35, 371-380.	0.3	13
83	Negative effects of exotic pine invasion on macroinvertebrate communities in southern Brazil coastal ponds. Marine and Freshwater Research, 2012, 63, 283.	1.3	11
84	Diversity and distribution of aquatic insects in Southern Brazil wetlands: implications for biodiversity conservation in a Neotropical region.. Revista De Biologia Tropical, 2012, 60, 273-89.	0.4	13
85	Odonata, Aeshnidae, Anax amazili (Burmeister, 1839): first record for southern Brazil [with erratum]. Check List, 2012, 8, 551.	0.4	3
86	Uma nova espÃ©cie de Sigara Fabricius (Hemiptera, Heteroptera, Corixidae) e redescriÃ§Ã£o das espÃ©cies do gÃªnero com registro no Estado do Rio Grande do Sul, Brasil. Revista Brasileira De Entomologia, 2012, 56, 159-182.	0.4	2
87	Abundance, Sex-Ratio, Lengthâ€“Weight Relation, and Condition Factor of Non-Annual Killifish <I>Atlantirivulus Riograndensis</I> (Actinopterygii: Cyprinodontiformes: Rivulidae) in Lagoa Do Peixe National Park, a Ramsar Site of Southern Brazil. Acta Ichthyologica Et Piscatoria, 2012, 42, 247-252.	0.7	8
88	Diversidade de invertebrados aquÃ¡ticos em arrozais no Sul do Brasil. Neotropical Biology and Conservation, 2012, 7, .	0.9	13
89	Ecological, Legal, and Methodological Principles for Planning Buffer Zones. Natureza A Conservacao, 2012, 10, 3-11.	2.5	15
90	Does pine occurrence influence the macrophyte assemblage in Southern Brazil ponds?. Hydrobiologia, 2011, 675, 157-165.	2.0	15

#	Article	IF	Citations
91	Partitioning Macroinvertebrate Diversity Across Different Spatial Scales in Southern Brazil Coastal Wetlands. Wetlands, 2011, 31, 459-469.	1.5	17
92	Diversidade de macrÃ³fitas aquÃ¡ticas do Parque Nacional da Lagoa do Peixe. Neotropical Biology and Conservation, 2011, 6, 5-12.	0.9	6
93	Can rice field channels contribute to biodiversity conservation in Southern Brazilian wetlands?. Revista De Biologia Tropical, 2011, 59, 1895-914.	0.4	23
94	Can management practices in rice fields contribute to amphibian conservation in southern Brazilian wetlands?. Aquatic Conservation: Marine and Freshwater Ecosystems, 2010, 20, 39-46.	2.0	33
95	Responses of freshwater molluscs to environmental factors in Southern Brazil wetlands. Brazilian Journal of Biology, 2010, 70, 473-482.	0.9	20
96	Do Hydrologic Regimes Used in Rice Fields Compromise the Viability of Resting Stages of Aquatic Invertebrates?. Wetlands, 2010, 30, 989-996.	1.5	19
97	Species-area relationship and environmental predictors of fish communities in coastal freshwater wetlands of southern Brazil. Environmental Biology of Fishes, 2010, 88, 25-35.	1.0	36
98	Does flooding of rice fields after cultivation contribute to wetland plant conservation in southern Brazil?. Applied Vegetation Science, 2010, 13, 26-35.	1.9	24
99	Pisces, Perciformes, Cichlidae, Laetacara dorsigeraÂ(Heckel, 1840): distribution extension and first record for Uruguay River basin, and state of Rio Grande doÂSul, southern Brazil. Check List, 2010, 6, 116.	0.4	1
100	Aquatic macrophyte and macroinvertebrate diversity and conservation in wetlands of the Sinos River basin. Brazilian Journal of Biology, 2010, 70, 1179-1184.	0.9	12
101	Are the streams of the Sinos River basin of good water quality? Aquatic macroinvertebrates may answer the question. Brazilian Journal of Biology, 2010, 70, 1207-1215.	0.9	15
102	Aquatic macrophytes in natural and managed wetlands of Rio Grande do Sul State, Southern Brazil. Acta Limnologica Brasiliensia, 2010, 22, 133-146.	0.4	7
103	Factors influencing anuran distribution in coastal dune wetlands in southern Brazil. Journal of Natural History, 2010, 44, 1493-1507.	0.5	29
104	Responses of Odonate Communities to Environmental Factors in Southern Brazil Wetlands. Journal of the Kansas Entomological Society, 2010, 83, 208-220.	0.2	17
105	Aquatic macrophytes in natural and managed wetlands of Rio Grande do Sul State, Southern Brazil. Acta Limnologica Brasiliensia, 2010, 22, 133-146.	0.4	19
106	Pisces, Perciformes, Cichlidae,ÂApistogramma borelliiÂ(Regan, 1906): first record for state of Rio Grande do Sul, southern Brazil. Check List, 2010, 6, 222.	0.4	0
107	Can hydrologic management practices of rice fields contribute to macroinvertebrate conservation in southern Brazil wetlands?. Hydrobiologia, 2009, 635, 339-350.	2.0	38
108	Speciesâ€“area relationship of Neotropical waterbird assemblages in remnant wetlands: looking at the mechanisms. Diversity and Distributions, 2009, 15, 319-327.	4.1	38

#	Article	IF	Citations
109	Diversity and Distribution of Ephemeroptera and Trichoptera in Southern Brazil Wetlands. Journal of the Kansas Entomological Society, 2009, 82, 160-173.	0.2	6
110	Influence of area, habitat and water chemistry on richness and composition of macrophyte assemblages in southern Brazilian wetlands. Journal of Vegetation Science, 2008, 19, 221-228.	2.2	65
111	Environmental predictors of macroinvertebrate communities in coastal wetlands of southern Brazil. Marine and Freshwater Research, 2008, 59, 540.	1.3	39
112	Dynamics of the terrestrial amphibian assemblage in a flooded riparian forest fragment in a Neotropical region in the south of Brazil. Brazilian Journal of Biology, 2008, 68, 763-769.	0.9	12
113	Influence of area, altitude and hydroperiod on macroinvertebrate communities in southern Brazil wetlands. Marine and Freshwater Research, 2007, 58, 993.	1.3	45
114	Diversity and Distribution of Chironomid Larvae in Wetlands in Southern Brazil. Journal of the Kansas Entomological Society, 2007, 80, 229-242.	0.2	12
115	CALLING PERIOD AND REPRODUCTIVE MODES IN AN ANURAN COMMUNITY OF A TEMPORARY POND IN SOUTHERN BRAZIL. South American Journal of Herpetology, 2007, 2, 129-135.	0.5	16
116	Habitat and landscape factors associated with neotropical waterbird occurrence and richness in wetland fragments. Biodiversity and Conservation, 2007, 16, 1231-1244.	2.6	70
117	Effects of hydrological variation on the aquatic plant community in a floodplain palustrine wetland of southern Brazil. Limnology, 2007, 8, 23-28.	1.5	53
118	Hydrologic cycle and dynamics of aquatic macrophytes in two intermittent rivers of the semi-arid region of Brazil. Brazilian Journal of Biology, 2006, 66, 575-585.	0.9	18
119	Environmental Factors as Predictors of Aquatic Macrophyte Richness and Composition in Wetlands of Southern Brazil. Hydrobiologia, 2006, 556, 221-231.	2.0	68
120	Diversity of chironomid larvae in palustrine wetlands of the coastal plain in the south of Brazil. Limnology, 2006, 7, 23-30.	1.5	11
121	Conservation importance of semi-arid streams in north-eastern Brazil: implications of hydrological disturbance and species diversity. Aquatic Conservation: Marine and Freshwater Ecosystems, 2006, 16, 665-677.	2.0	49
122	Habitat and landscape factors associated with neotropical waterbird occurrence and richness in wetland fragments. Topics in Biodiversity and Conservation, 2006, , 405-418.	1.0	4
123	Macrophyte dynamics in an oxbow lake of the Sinos River basin in south Brazil. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2005, 29, 815-820.	0.1	2
124	Spatial and Temporal Patterns of Waterbird Assemblages in Fragmented Wetlands of Southern Brazil. Waterbirds, 2005, 28, 261-272.	0.3	51
125	Diversity and stability of fishes (Teleostei) in a temporary river of the Brazilian semiarid region. Iheringia - Serie Zoologia, 2001, , 157-166.	0.5	12
126	Fish assemblage stability in an intermittently flowing stream from the Brazilian semiarid region. Austral Ecology, 2001, 26, 156-164.	1.5	41

#	Article	IF	Citations
127	Responses of Aquatic Macrophytes to Disturbance by Flash Floods in a Brazilian Semiarid Intermittent Stream1. Biotropica, 2001, 33, 566-572.	1.6	22
128	The effects of hydrological disturbance on the intensity of infestation of Lernaea cyprinacea in an intermittent stream fish community. Journal of Arid Environments, 1999, 43, 351-356.	2.4	42
129	Measurement of nutrient spiralling during a period of continuous surface flow in a Mediterranean temporary stream (Arroyo de La Montesina, Spain). Hydrobiologia, 1996, 335, 133-139.	2.0	5
130	Measurement of nutrient spiralling in a Mediterranean stream: Comparison of two extreme hydrological periods. Archiv FÃ¼r Hydrobiologie, 1994, 130, 215-227.	1.1	19
131	Can nesting waterbirds influence the community structure of macroinvertebrates in southern Brazilian intermittent wetlands?. Iheringia - Serie Zoologia, 0, 110, .	0.5	0
132	Influence of different riparian vegetation widths and substrate types on the communities of larval Odonata (Insecta) in southern Brazilian streams. Acta Limnologica Brasiliensia, 0, 32, .	0.4	5
133	A new species of Acantholeberis (Crustacea, Branchiopoda) suggests an ancient geographic distribution of the genus in South America. European Journal of Taxonomy, 0, 821, 40-56.	0.6	0