

Tagliacollo, Va

List of Publications by Year in descending order

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86
papers

2,783
citations

218381

26
h-index

233125

45
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90
all docs

90
docs citations

90
times ranked

2488
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic basis for the convergent evolution of electric organs. <i>Science</i> , 2014, 344, 1522-1525.	6.0	181
2	Estimating Improved Partitioning Schemes for Ultraconserved Elements. <i>Molecular Biology and Evolution</i> , 2018, 35, 1798-1811.	3.5	130
3	The changing course of the Amazon River in the Neogene: center stage for Neotropical diversification. <i>Neotropical Ichthyology</i> , 2018, 16, .	0.5	125
4	Miocene tectonism and the separation of cis- and trans-Andean river basins: Evidence from Neotropical fishes. <i>Journal of South American Earth Sciences</i> , 2006, 21, 14-27.	0.6	123
5	Unexpected fish diversity gradients in the Amazon basin. <i>Science Advances</i> , 2019, 5, eaav8681.	4.7	88
6	Seven new species of the Neotropical electric fish <i>Gymnotus</i> (Teleostei, Gymnotiformes) with a redescription of <i>G. carapo</i> (Linnaeus). <i>Zootaxa</i> , 2003, 287, 1â€“54.	0.2	82
7	Model-based total evidence phylogeny of Neotropical electric knifefishes (Teleostei, Gymnotiformes). <i>Molecular Phylogenetics and Evolution</i> , 2016, 95, 20-33.	1.2	81
8	Major Biogeographic and Phylogenetic Patterns. , 2011, , 20-57.		78
9	Diversity and Phylogeny of Neotropical Electric Fishes (Gymnotiformes). , 2005, , 360-409.		77
10	Phylogenomic Systematics of Ostariophysan Fishes: Ultraconserved Elements Support the Surprising Non-Monophyly of Characiformes. <i>Systematic Biology</i> , 2017, 66, 881-895.	2.7	74
11	Phylogeny, biogeography, and electric signal evolution of Neotropical knifefishes of the genus <i>Gymnotus</i> (Osteichthyes: Gymnotidae). <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 278-290.	1.2	73
12	Phylogenomic reappraisal of the Neotropical catfish family Loricariidae (Teleostei: Siluriformes) using ultraconserved elements. <i>Molecular Phylogenetics and Evolution</i> , 2019, 135, 148-165.	1.2	71
13	Molecular Phylogeny and Biogeographic History of the Armored Neotropical Catfish Subfamilies Hypoptopomatinae, Neoplecostominae and Otothyriinae (Siluriformes: Loricariidae). <i>PLoS ONE</i> , 2014, 9, e105564.	1.1	64
14	Derivation of the freshwater fish fauna of Central America revisited: Myers's hypothesis in the twenty-first century. <i>Cladistics</i> , 2015, 31, 177-188.	1.5	62
15	A New Species of <i>Gymnotus</i> (Gymnotiformes, Gymnotidae) from Uruguay: Description of a Model Species in Neurophysiological Research. <i>Copeia</i> , 2009, 2009, 538-544.	1.4	56
16	Resolving Deep Nodes in an Ancient Radiation of Neotropical Fishes in the Presence of Conflicting Signals from Incomplete Lineage Sorting. <i>Systematic Biology</i> , 2019, 68, 573-593.	2.7	54
17	New Species of <i>Gymnotus</i> (Gymnotiformes, Teleostei) from Southeastern Brazil: Toward the Deconstruction of <i>Gymnotus carapo</i> . <i>Copeia</i> , 1999, 1999, 410.	1.4	51
18	Biogeographical signature of river capture events in Amazonian lowlands. <i>Journal of Biogeography</i> , 2015, 42, 2349-2362.	1.4	51

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19	Transcontinental dispersal, ecological opportunity and origins of an adaptive radiation in the Neotropical catfish genus <i>Hypostomus</i> (Siluriformes: Loricariidae). <i>Molecular Ecology</i> , 2016, 25, 1511-1529.	2.0	48
20	A new <i>Gymnotus</i> (Teleostei: Gymnotiformes: Gymnotidae) from the Pantanal Matogrossense of Brazil and adjacent drainages: continued documentation of a cryptic fauna. <i>Zootaxa</i> , 2005, 933, 1-14.	0.2	46
21	Why the short face? Developmental disintegration of the neurocranium drives convergent evolution in neotropical electric fishes. <i>Ecology and Evolution</i> , 2017, 7, 1783-1801.	0.8	46
22	Fluctuations in Evolutionary Integration Allow for Big Brains and Disparate Faces. <i>Scientific Reports</i> , 2017, 7, 40431.	1.6	40
23	Neogene Assembly of Modern Faunas. , 2011, , 118-136.		40
24	Fossils provide better estimates of ancestral body size than do extant taxa in fishes. <i>Acta Zoologica</i> , 2009, 90, 357-384.	0.6	39
25	<i>Sternopygus xingu</i> , a New Species of Electric Fish from Brazil (Teleostei: Gymnotoidei), with Comments on the Phylogenetic Position of <i>Sternopygus</i> . <i>Copeia</i> , 1996, 1996, 85.	1.4	38
26	Aquatic Biodiversity in the Amazon: Habitat Specialization and Geographic Isolation Promote Species Richness. <i>Animals</i> , 2011, 1, 205-241.	1.0	38
27	A new species of electric knifefish, genus <i>Compsaraia</i> (Gymnotiformes: Aptereronotidae) from the Amazon River, with extreme sexual dimorphism in snout and jaw length. <i>Systematics and Biodiversity</i> , 2009, 7, 81-92.	0.5	34
28	Introduction to Neotropical Freshwaters. , 2011, , 2-19.		33
29	Paleogene Radiations. , 2011, , 105-117.		31
30	Phylogenetic systematics and historical biogeography of the Neotropical electric fish <i>Sternopygus</i> (Teleostei: Gymnotiformes). <i>Systematics and Biodiversity</i> , 2005, 3, 407-432.	0.5	30
31	Three New Species from a Diverse, Sympatric Assemblage of the Electric Fish <i>Gymnotus</i> (Gymnotiformes: Gymnotidae) in the Lowland Amazon Basin, with Notes on Ecology. <i>Copeia</i> , 2005, 2005, 82-99.	1.4	30
32	Barrier Displacement on a Neutral Landscape: Toward a Theory of Continental Biogeography. <i>Systematic Biology</i> , 2017, 66, syw080.	2.7	30
33	Diversity and Evolution of Body Size in Fishes. <i>Evolutionary Biology</i> , 2012, 39, 324-340.	0.5	29
34	Redescription of <i>Gymnotus coropinae</i> (Gymnotiformes, Gymnotidae), an often misidentified species of Neotropical electric fish, with notes on natural history and electric signals. <i>Zootaxa</i> , 2003, 348, 1.	0.2	27
35	Existing protected areas provide a poor safety net for threatened Amazonian fish species. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 1167-1189.	0.9	27
36	Molecular phylogeny of Aphyocharacinae (Characiformes, Characidae) with morphological diagnoses for the subfamily and recognized genera. <i>Molecular Phylogenetics and Evolution</i> , 2012, 64, 297-307.	1.2	26

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37	Bony Patchwork: Mosaic Patterns of Evolution in the Skull of Electric Fishes (Apteronotidae.) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.5	25
38	The Amazon-Paraguay Divide. , 2011, , 192-202.		25
39	Coordinated Dispersal and Pre-Isthmian Assembly of the Central American Ichthyofauna. Systematic Biology, 2017, 66, syv064.	2.7	24
40	Revision of the polytypic electric fish <i>Gymnotus carapo</i> (Gymnotiformes, Teleostei), with descriptions of seven subspecies. Zootaxa, 2017, 4318, .	0.2	24
41	<i>Gymnotus ucamara</i> : a new species of Neotropical electric fish from the Peruvian Amazon (Ostariophysi: Gymnotidae), with notes on ecology and electric organ discharges. Zootaxa, 2003, 277, 1â€“18.	0.2	22
42	Phylogenetic relationships of fossil neotropical electric fishes (Osteichthyes: Gymnotiformes) from the upper Miocene of Bolivia. Journal of Vertebrate Paleontology, 2007, 27, 17-25.	0.4	21
43	Why the long face? Static allometry in the sexually dimorphic phenotypes of Neotropical electric fishes. Zoological Journal of the Linnean Society, 2019, 186, 633-649.	1.0	21
44	Redescription and phylogenetic position of the enigmatic Neotropical electric fish <i>Iracema caiana</i> Triques (Gymnotiformes: Rhamphichthyidae) using x-ray computed tomography. Neotropical Ichthyology, 2011, 9, 457-469.	0.5	20
45	A Target Enrichment Bait Set for Studying Relationships among Ostariophysan Fishes. Copeia, 2020, 108, 47.	1.4	20
46	Systematics and biogeography of Sternarchellini (Gymnotiformes: Apteronotidae): Diversification of electric fishes in large Amazonian rivers. Neotropical Ichthyology, 2014, 12, 565-584.	0.5	19
47	Shift from slow- to fast-water habitats accelerates lineage and phenotype evolution in a clade of Neotropical suckermouth catfishes (Loricariidae: Hypoptopomatinae). PLoS ONE, 2017, 12, e0178240.	1.1	19
48	Late Neogene megariver captures and the Great Amazonian Biotic Interchange. Global and Planetary Change, 2021, 205, 103554.	1.6	19
49	Taxonomic revision of the deep channel electric fish genus <i>Sternarchella</i> (Teleostei: Gymnotiformes:) Tj ETQq1 1 0.784314 rgBT /Over	0.5	18
50	Topographic controls on divide migration, stream capture, and diversification in riverine life. Earth Surface Dynamics, 2020, 8, 893-912.	1.0	18
51	Three New Species of the Neotropical Electric Fish <i>Rhabdolichops</i> (Gymnotiformes: Sternopygidae) from the Central Amazon, with a New Diagnosis of the Genus. Copeia, 2006, 2006, 27-42.	1.4	16
52	A new species of <i>Gymnotus</i> (Gymnotiformes: Gymnotidae) from the Fitzcarrald Arch of southeastern Peru. Neotropical Ichthyology, 2009, 7, 579-585.	0.5	16
53	A New Species of <i>Gymnorhamphichthys</i> (Gymnotiformes: Rhamphichthyidae) from the ParanÃ¡â€“Paraguay Basin. Copeia, 2011, 2011, 400-406.	1.4	14
54	Redescription of the <i>TuvirÃ£o</i> , <i>Gymnotus inaequilabiatus</i> Valenciennes, 1839, Using High-Resolution X-ray Computed Tomography. Copeia, 2014, 2014, 462-472.	1.4	14

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55	Molecular phylogeny of the ghost knifefishes (Gymnotiformes: Apterodontidae). <i>Molecular Phylogenetics and Evolution</i> , 2019, 135, 297-307.	1.2	14
56	A New Species of <i>Gymnotus</i> (Gymnotiformes: Gymnotidae) from Rio Tiquiã© in Northern Brazil. <i>Copeia</i> , 2011, 2011, 77-81.	1.4	13
57	Paleogeographic influences on freshwater fish distributions in northeastern Brazil. <i>Journal of South American Earth Sciences</i> , 2020, 102, 102692.	0.6	13
58	Redescription of <i>Gymnotus coatesi</i> (Gymnotiformes, Gymnotidae): A Rare Species of Electric Fish from the Lowland Amazon Basin, with Descriptions of Osteology, Electric Signals, and Ecology. <i>Copeia</i> , 2004, 2004, 525-533.	1.4	12
59	<i>Melanosternarchus amaru</i> , a new genus and species of electric ghost knifefish (Gymnotiformes: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382 Td (0.2	12
60	<i>Gymnotus ardilai</i> : a new species of Neotropical electric fish (Ostariophysi: Gymnotidae) from the Rio Magdalena Basin of Colombia. <i>Zootaxa</i> , 2004, 759, 1â€“10.	0.2	11
61	<i>Astyanax pirapuan</i> : a new characid species from the upper Rio Paraguay system, Mato Grosso, Central Brazil (Characiformes, Characidae). <i>Zootaxa</i> , 2011, 2749, 40.	0.2	11
62	Society for the Study of Systematic Biology symposium: Frontiers in Parametric Biogeography. <i>Systematic Biology</i> , 2017, 66, 125-127.	2.7	11
63	Landscape Evolution as a Diversification Driver in Freshwater Fishes. <i>Frontiers in Ecology and Evolution</i> , 2022, 9, .	1.1	11
64	Revision of Banded Knifefishes of the <i>Gymnotus carapo</i> and <i>G. tigre</i> clades (Gymnotidae) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (0.2	10
65	Not So Fast. , 2011, , 292-305.		10
66	Data supporting phylogenetic reconstructions of the Neotropical clade Gymnotiformes. <i>Data in Brief</i> , 2016, 7, 23-59.	0.5	9
67	A New Species of Deep-channel Electric Knifefish <i>Compsaraia</i> (Apterodontidae, Gymnotiformes) from the Amazon River. <i>Copeia</i> , 2017, 105, 211-219.	1.4	9
68	Assessing extinction risk from geographic distribution data in Neotropical freshwater fishes. <i>Neotropical Ichthyology</i> , 2021, 19, .	0.5	9
69	A New Species of <i>Rhamphichthys</i> (Gymnotiformes: Rhamphichthyidae) from the Amazon Basin. <i>Copeia</i> , 2015, 103, 34-41.	1.4	8
70	Phylogenetic revision of Gymnotidae (Teleostei: Gymnotiformes), with descriptions of six subgenera. <i>PLoS ONE</i> , 2019, 14, e0224599.	1.1	8
71	Fishes from the Lower Urubamba river near Sepahua, Amazon Basin, Peru. <i>Check List</i> , 2011, 7, 413.	0.1	8
72	Biogeography of curimatid fishes reveals multiple lowlandâ€“upland river transitions and differential diversification in the Neotropics (Teleostei, Curimatidae). <i>Ecology and Evolution</i> , 2021, 11, 15815-15832.	0.8	8

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73	Fishes from the upper YuruÃ¡ river, Amazon basin, Peru. Check List, 2009, 5, 673.	0.1	7
74	New species of glass knifefish <i>Eigenmannia loreтана</i> (Gymnotiformes: Sternopygidae) from the Western Amazon. Zootaxa, 2018, 4399, 399-411.	0.2	6
75	Revision of <i>Gymnotus</i> (Gymnotiformes: Gymnotidae) from the Upper Madeira Basin of Bolivia and Peru, with descriptions of two new species. Zootaxa, 2018, 4413, 111-132.	0.2	6
76	Historical biogeography of fishes from coastal basins of MaranhÃ£o State, northeastern Brazil. Neotropical Ichthyology, 2019, 17, .	0.5	6
77	A redescription of deep-channel ghost knifefish, <i>Sternarchogiton preto</i> (Gymnotiformes:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.5	6
78	Using community phylogenetics to assess phylogenetic structure in the Fitzcarrald region of Western Amazonia. Neotropical Ichthyology, 2020, 18, .	0.5	6
79	Sexual Size Dimorphism in the Macana Tigrina, <i>Gymnotus javari</i> (Gymnotidae, Gymnotiformes). Copeia, 2019, 107, 305.	1.4	5
80	Spinal Abnormalities in a Specimen of the Panamanian Knifefish <i>Apteronotus rostratus</i> (Apteronotidae:) Tj ETQq0 0,0 rgBT /Overlock 10 Tf 50	1.4	4
81	Patterns in Freshwater Fish Diversity. , 2022, , 243-255.		4
82	Mosaic Evolution of Craniofacial Morphologies in Ghost Electric Fishes (Gymnotiformes:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (A	0.3	4
83	A shocking discovery of threat risks on newly described species of weakly electric fishes. Journal of Fish Biology, 2020, 96, 1077-1086.	0.7	3
84	Fishes from the Las Piedras River, Madre de Dios basin, Peruvian Amazon. Check List, 2012, 8, 973.	0.1	3
85	Is the Medium the Message? Functional Diversity Across Abiotic Gradients in Freshwater Electric Fishes. Integrative and Comparative Biology, 2022, 62, 945-957.	0.9	3
86	Drivers of phylogenetic structure in Amazon freshwater fish assemblages. Journal of Biogeography, 2022, 49, 310-323.	1.4	3