

# William G R Crampton

## List of Publications by Year in descending order

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40  
papers

1,364  
citations

331670

21  
h-index

377865

34  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reproductive effort and terminal investment in a multispecies assemblage of Amazonian electric fish. <i>Ecological Monographs</i> , 2022, 92, .	5.4	7
2	A new taxonomist-curated reference library of DNA barcodes for Neotropical electric fish (Teleostei: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.3	3
3	Biogeochemical water type influences community composition, species richness, and biomass in megadiverse Amazonian fish assemblages. <i>Scientific Reports</i> , 2020, 10, 15349.	3.3	33
4	Environmental correlates of circannual breeding periodicity in a multi-species assemblage of Amazonian electric fishes. <i>Environmental Biology of Fishes</i> , 2020, 103, 233-250.	1.0	8
5	Two New Species of <i>Gymnotus</i> (Gymnotiformes: Gymnotidae) from Brazil and Historical Biogeography of the Subgenus <i>Lamontianus</i> . <i>Copeia</i> , 2020, 108, 468.	1.3	2
6	To see or not to see: molecular evolution of the rhodopsin visual pigment in neotropical electric fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191182.	2.6	3
7	Unexpected species diversity in electric eels with a description of the strongest living bioelectricity generator. <i>Nature Communications</i> , 2019, 10, 4000.	12.8	45
8	Electroreception, electrogenesis and electric signal evolution. <i>Journal of Fish Biology</i> , 2019, 95, 92-134.	1.6	99
9	Reproductive life-history strategies in a species-rich assemblage of Amazonian electric fishes. <i>PLoS ONE</i> , 2019, 14, e0226095.	2.5	10
10	Sexual Size Dimorphism in the Macana Tigrina, <i>Gymnotus javari</i> (Gymnotidae, Gymnotiformes). <i>Copeia</i> , 2019, 107, 305.	1.3	5
11	A new and improved electric fish finder with resources for printed circuit board fabrication. <i>Neotropical Ichthyology</i> , 2019, 17, .	1.0	3
12	Fish biogeography in the "Lost World" of the Guiana Shield: Phylogeography of the weakly electric knifefish <i>Gymnotus carapo</i> (Teleostei: Gymnotidae). <i>Journal of Biogeography</i> , 2018, 45, 815-825.	3.0	12
13	Karyotypic Diversity and Evolution in a Sympatric Assemblage of Neotropical Electric Knifefish. <i>Frontiers in Genetics</i> , 2018, 9, 81.	2.3	7
14	Revision of the polytypic electric fish <i>Gymnotus carapo</i> (Gymnotiformes, Teleostei), with descriptions of seven subspecies. <i>Zootaxa</i> , 2017, 4318, .	0.5	24
15	A taxonomic revision of the Neotropical electric fish genus <i>Brachyhypopomus</i> (Ostariophysi: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.6	23
16	Electric organ discharges and near-field spatiotemporal patterns of the electromotive force in a sympatric assemblage of Neotropical electric knifefish. <i>Journal of Physiology (Paris)</i> , 2016, 110, 164-181.	2.1	23
17	Mitochondrial genomes of the South American electric knifefishes (Order Gymnotiformes). <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 401-403.	0.4	8
18	Phylogenetic Systematics, Biogeography, and Ecology of the Electric Fish Genus <i>Brachyhypopomus</i> (Ostariophysi: Gymnotiformes). <i>PLoS ONE</i> , 2016, 11, e0161680.	2.5	22

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19	<i>Akawaio penak</i> , a new genus and species of Neotropical electric fish (Gymnotiformes, Hypopomidae) endemic to the upper Marazaru River in the Guianan Shield. <i>Zoologica Scripta</i> , 2014, 43, 24-33.	1.7	21
20	Electric organ discharge diversity in the genus <i>Gymnotus</i> : functional groups and electrogenic mechanisms. <i>Journal of Experimental Biology</i> , 2012, 216, 1501-15.	1.7	22
21	REPRODUCTIVE CHARACTER DISPLACEMENT AND SIGNAL ONTOGENY IN A SYMPATRIC ASSEMBLAGE OF ELECTRIC FISH. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1650-1666.	2.3	45
22	Phylogenetic interrelationships, taxonomy, and reductive evolution in the Neotropical electric fish genus <i>Hypopygus</i> (Teleostei, Ostariophysi, Gymnotiformes). <i>Zoological Journal of the Linnean Society</i> , 2011, 163, 1096-1156.	2.3	24
23	An Ecological Perspective on Diversity and Distributions. , 2011, , 165-189.		68
24	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.	2.7	73
25	Sexual Signal Evolution Outpaces Ecological Divergence during Electric Fish Species Radiation. <i>American Naturalist</i> , 2010, 176, 335-356.	2.1	148
26	A new species of electric knifefish, genus <i>Compsaraia</i> (Gymnotiformes: Apterontidae) from the Amazon River, with extreme sexual dimorphism in snout and jaw length. <i>Systematics and Biodiversity</i> , 2009, 7, 81-92.	1.2	34
27	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.	1.3	56
28	Interspecific variation in gill size is correlated to ambient dissolved oxygen in the Amazonian electric fish <i>Brachyhypopomus</i> (Gymnotiformes: Hypopomidae). <i>Environmental Biology of Fishes</i> , 2008, 83, 223-235.	1.0	21
29	Multivariate classification of animal communication signals: A simulation-based comparison of alternative signal processing procedures using electric fishes. <i>Journal of Physiology (Paris)</i> , 2008, 102, 304-321.	2.1	21
30	Ecology and life history of an Amazon floodplain cichlid: the discus fish <i>Symphysodon</i> (Perciformes: Tetraodonidae). <i>Journal of Fish Biology</i> , 2008, 72, 107-120.	1.0	41
31	Species-Specific Diversity of a Fixed Motor Pattern: The Electric Organ Discharge of <i>Gymnotus</i> . <i>PLoS ONE</i> , 2008, 3, e2038.	2.5	32
32	Design and construction of an Electric Fish Finder. <i>Neotropical Ichthyology</i> , 2007, 5, 425-428.	1.0	22
33	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.	1.4	123
34	Nesting and Paternal Care in the Weakly Electric Fish <i>Gymnotus</i> (Gymnotiformes: Gymnotidae) with Descriptions of Larval and Adult Electric Organ Discharges of Two Species. <i>Copeia</i> , 2005, 2005, 48-60.	1.3	47
35	Phylogenetic systematics and historical biogeography of the Neotropical electric fish <i>Sternopygus</i> (Teleostei: Gymnotiformes). <i>Systematics and Biodiversity</i> , 2005, 3, 407-432.	1.2	30
36	Diversity and Phylogeny of Neotropical Electric Fishes (Gymnotiformes). , 2005, , 360-409.		77

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37	Sternopygus branco: A New Species of Neotropical Electric Fish (Gymnotiformes: Sternopygidae) from the Lowland Amazon Basin, with Descriptions of Osteology, Ecology, and Electric Organ Discharges. Copeia, 2004, 2004, 245-259.	1.3	12
38	Steatogenys ocellatus: A New Species of Neotropical Electric Fish (Gymnotiformes: Hypopomidae) from the Lowland Amazon Basin. Copeia, 2004, 2004, 78-91.	1.3	13
39	Oxygen consumption in weakly electric Neotropical fishes. Oecologia, 2003, 137, 502-511.	2.0	30
40	A comparison of fish diversity and abundance between nutrient-rich and nutrient-poor lakes in the Upper Amazon. Journal of Tropical Ecology, 1997, 13, 175-198.	1.1	67