

Genomic basis for the convergent evolution of electric organs

Science

344, 1522-1525

DOI: [10.1126/science.1254432](https://doi.org/10.1126/science.1254432)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Neutrophils scan for activated platelets to initiate inflammation. <i>Science</i> , 2014, 346, 1234-1238.	6.0	516
2	The shocking predatory strike of the electric eel. <i>Science</i> , 2014, 346, 1231-1234.	6.0	77
3	Predictable transcriptome evolution in the convergent and complex bioluminescent organs of squid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4736-42.	3.3	77
4	Convergent evolution of marine mammals is associated with distinct substitutions in common genes. <i>Scientific Reports</i> , 2015, 5, 16550.	1.6	41
5	Cross-tissue and cross-species analysis of gene expression in skeletal muscle and electric organ of African weakly-electric fish (Teleostei; Mormyridae). <i>BMC Genomics</i> , 2015, 16, 668.	1.2	38
6	Proximate pathways underlying social behavior. <i>Current Opinion in Behavioral Sciences</i> , 2015, 6, 154-159.	2.0	25
7	An Optimized Biological Taser: Electric Eels Remotely Induce or Arrest Movement in Nearby Prey. <i>Brain, Behavior and Evolution</i> , 2015, 86, 38-47.	0.9	16
8	The Genome 10K Project: A Way Forward. <i>Annual Review of Animal Biosciences</i> , 2015, 3, 57-111.	3.6	294
9	Transcriptomics exposes the uniqueness of parasitic plants. <i>Briefings in Functional Genomics</i> , 2015, 14, 275-282.	1.3	25
10	Genetic Changes Shaping the Human Brain. <i>Developmental Cell</i> , 2015, 32, 423-434.	3.1	115
11	Convergent Evolution of Mechanically Optimal Locomotion in Aquatic Invertebrates and Vertebrates. <i>PLoS Biology</i> , 2015, 13, e1002123.	2.6	41
12	Unique patterns of transcript and miRNA expression in the South American strong voltage electric eel (<i>Electrophorus electricus</i>). <i>BMC Genomics</i> , 2015, 16, 243.	1.2	29
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15	Whole Genome Sequencing of the Asian Arowana (<i>Scleropages formosus</i>) Provides Insights into the Evolution of Ray-Finned Fishes. <i>Genome Biology and Evolution</i> , 2015, 7, 2885-2895.	1.1	43
16	Animal Behavior: Electric Eels Amp Up for an Easy Meal. <i>Current Biology</i> , 2015, 25, R1070-R1072.	1.8	4
17	Electric Eels Concentrate Their Electric Field to Induce Involuntary Fatigue in Struggling Prey. <i>Current Biology</i> , 2015, 25, 2889-2898.	1.8	27
18	Convergent evolution and the search for biosignatures within the solar system and beyond. <i>Acta Astronautica</i> , 2015, 116, 394-402.	1.7	5

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19	Transcriptomics of developing embryos and organs: A raising tool for evoâ€“devo. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2015, 324, 363-371.	0.6	41
20	Developmental and Regulatory Functions of Na ⁺ Channel Nonâ€“pore-forming Î² Subunits. <i>Current Topics in Membranes</i> , 2016, 78, 315-351.	0.5	15
21	Electrochemical Capacitors with High Output Voltages that Mimic Electric Eels. <i>Advanced Materials</i> , 2016, 28, 2070-2076.	11.1	119
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39	The Karyotype of <i>Microsternarchus aff. bilineatus</i> : A First Case of Y Chromosome Degeneration in Gymnotiformes. <i>Zebrafish</i> , 2017, 14, 244-250.	0.5	6
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51	Electrical Signaling, Photosynthesis and Systemic Acquired Acclimation. <i>Frontiers in Physiology</i> , 2017, 8, 684.	1.3	80
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58	Whole Genome Sequencing of the Pirarucu (<i>Arapaima gigas</i>) Supports Independent Emergence of Major Teleost Clades. <i>Genome Biology and Evolution</i> , 2018, 10, 2366-2379.	1.1	33
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63	Insights into Electroreceptor Development and Evolution from Molecular Comparisons with Hair Cells. <i>Integrative and Comparative Biology</i> , 2018, 58, 329-340.	0.9	21
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154	Mosaic Evolution of Craniofacial Morphologies in Ghost Electric Fishes (Gymnotiformes: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.3	4
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157	Bioâ€inspirierte Ti₃C₂T_{<i>x</i>} MXeneâ€basierte Ionenâ€Diodenmembran FÃ¼r die Hocheffiziente Wandlung Osmotischer in Elektrische Energie. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	3
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163	A new genome assembly of an African weakly electric fish (<i>Campylomormyrus compressirostris</i> ,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.2	3
171	Insights into the biophysical properties of electrogenesis and electroreception. <i>Fish Physiology</i> , 2023, , .	0.2	0
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