

Jason R Gallant

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

640
citations

933447

10
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

883
citing authors

#	ARTICLE	IF	CITATIONS
1	Divergent cis-regulatory evolution underlies the convergent loss of sodium channel expression in electric fish. <i>Science Advances</i> , 2022, 8, .	10.3	6
2	Sperm competition, sexual selection and the diverse reproductive biology of Osteoglossiformes. <i>Journal of Fish Biology</i> , 2021, 99, 740-754.	1.6	3
3	The transcriptional correlates of divergent electric organ discharges in <i>Paramormyrops</i> electric fish. <i>BMC Evolutionary Biology</i> , 2020, 20, 6.	3.2	6
4	Studying convergent evolution to relate genotype to behavioral phenotype. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	26
5	Genetic drift does not sufficiently explain patterns of electric signal variation among populations of the mormyrid electric fish <i>Paramormyrops kingsleyae</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 911-935.	2.3	8
6	Silencing the Spark: CRISPR/Cas9 Genome Editing in Weakly Electric Fish. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	5
7	The Evolution and Development of Electric Organs. <i>Springer Handbook of Auditory Research</i> , 2019, , 91-123.	0.7	5
8	Electrostatic Tuning of a Potassium Channel in Electric Fish. <i>Current Biology</i> , 2018, 28, 2094-2102.e5.	3.9	26
9	The Genome and Adult Somatic Transcriptome of the Mormyrid Electric Fish <i>Paramormyrops kingsleyae</i> . <i>Genome Biology and Evolution</i> , 2017, 9, 3525-3530.	2.5	28
10	Electric fish genomics: Progress, prospects, and new tools for neuroethology. <i>Journal of Physiology (Paris)</i> , 2016, 110, 259-272.	2.1	10
11	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.	2.8	29
12	Ancient homology underlies adaptive mimetic diversity across butterflies. <i>Nature Communications</i> , 2014, 5, 4817.	12.8	87
13	Genomic basis for the convergent evolution of electric organs. <i>Science</i> , 2014, 344, 1522-1525.	12.6	181
14	Hybridization Reveals the Evolving Genomic Architecture of Speciation. <i>Cell Reports</i> , 2013, 5, 666-677.	6.4	118
15	From Sequence to Spike to Spark: Evo-devo-neuroethology of Electric Communication in Mormyrid Fishes. <i>Journal of Neurogenetics</i> , 2013, 27, 106-129.	1.4	25
16	Differential expression of genes and proteins between electric organ and skeletal muscle in the mormyrid electric fish <i>Brienomyrus brachyistius</i> . <i>Journal of Experimental Biology</i> , 2012, 215, 2479-2494.	1.7	37
17	Signal variation and its morphological correlates in <i>Paramormyrops kingsleyae</i> provide insight into the evolution of electrogenic signal diversity in mormyrid electric fish. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2011, 197, 799-817.	1.6	38