Jason R Gallant

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5519744/publications.pdf

Version: 2024-02-01

17	640	933447 10	888059 17
papers	citations	h-index	g-index

21	21	21	883
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genomic basis for the convergent evolution of electric organs. Science, 2014, 344, 1522-1525.	12.6	181
2	Hybridization Reveals the Evolving Genomic Architecture of Speciation. Cell Reports, 2013, 5, 666-677.	6.4	118
3	Ancient homology underlies adaptive mimetic diversity across butterflies. Nature Communications, 2014, 5, 4817.	12.8	87
4	Signal variation and its morphological correlates in Paramormyrops kingsleyae provide insight into the evolution of electrogenic signal diversity in mormyrid electric fish. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2011, 197, 799-817.	1.6	38
5	Differential expression of genes and proteins between electric organ and skeletal muscle in the mormyrid electric fishBrienomyrus brachyistius. Journal of Experimental Biology, 2012, 215, 2479-2494.	1.7	37
6	Unique patterns of transcript and miRNA expression in the South American strong voltage electric eel (Electrophorus electricus). BMC Genomics, 2015, 16, 243.	2.8	29
7	The Genome and Adult Somatic Transcriptome of the Mormyrid Electric Fish Paramormyrops kingsleyae. Genome Biology and Evolution, 2017, 9, 3525-3530.	2.5	28
8	Electrostatic Tuning of a Potassium Channel in Electric Fish. Current Biology, 2018, 28, 2094-2102.e5.	3.9	26
9	Studying convergent evolution to relate genotype to behavioral phenotype. Journal of Experimental Biology, 2020, 223, .	1.7	26
10	From Sequence to Spike to Spark: Evo-devo-neuroethology of Electric Communication in Mormyrid Fishes. Journal of Neurogenetics, 2013, 27, 106-129.	1.4	25
11	Electric fish genomics: Progress, prospects, and new tools for neuroethology. Journal of Physiology (Paris), 2016, 110, 259-272.	2.1	10
12	Genetic drift does not sufficiently explain patterns of electric signal variation among populations of the mormyrid electric fishParamormyrops kingsleyae. Evolution; International Journal of Organic Evolution, 2020, 74, 911-935.	2.3	8
13	The transcriptional correlates of divergent electric organ discharges in Paramormyrops electric fish. BMC Evolutionary Biology, 2020, 20, 6.	3.2	6
14	Divergent cis-regulatory evolution underlies the convergent loss of sodium channel expression in electric fish. Science Advances, 2022, 8, .	10.3	6
15	Silencing the Spark: CRISPR/Cas9 Genome Editing in Weakly Electric Fish. Journal of Visualized Experiments, 2019, , .	0.3	5
16	The Evolution and Development of Electric Organs. Springer Handbook of Auditory Research, 2019, , 91-123.	0.7	5
17	Sperm competition, sexual selection and the diverse reproductive biology of Osteoglossiformes. Journal of Fish Biology, 2021, 99, 740-754.	1.6	3