Reid S Brennan

List of Publications by Year
in descending order

12	402	1040018 9	1199563 12
papers	citations	h-index	g-index

17	17	17	575
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reciprocal osmotic challenges reveal mechanisms of divergence in phenotypic plasticity in the killifish Fundulus heteroclitus. Journal of Experimental Biology, 2015, 218, 1212-22.	1.7	62
2	Model selection as a tool for phylogeographic inference: an example from the willow <scp>S</scp>alix melanopsis. Molecular Ecology, 2013, 22, 4014-4028.	3.9	58
3	FUNCTIONAL AND POPULATION GENOMIC DIVERGENCE WITHIN AND BETWEEN TWO SPECIES OF KILLIFISH ADAPTED TO DIFFERENT OSMOTIC NICHES. Evolution; International Journal of Organic Evolution, 2014, 68, 63-80.	2.3	58
4	Rare genetic variation and balanced polymorphisms are important for survival in global change conditions. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190943.	2.6	39
5	Tolerance traits related to climate change resilience are independent and polygenic. Global Change Biology, 2018, 24, 5348-5360.	9.5	38
6	Integrative Population and Physiological Genomics Reveals Mechanisms of Adaptation in Killifish. Molecular Biology and Evolution, 2018, 35, 2639-2653.	8.9	33
7	Rapid, but limited, zooplankton adaptation to simultaneous warming and acidification. Nature Climate Change, 2021, 11, 780-786.	18.8	30
8	Local adaptation to osmotic environment in killifish, Fundulus heteroclitus, is supported by divergence in swimming performance but not by differences in excess post-exercise oxygen consumption or aerobic scope. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2016, 196, 11-19.	1.8	29
9	Loss of transcriptional plasticity but sustained adaptive capacity after adaptation to global change conditions in a marine copepod. Nature Communications, 2022, 13, 1147.	12.8	27
10	Mitochondrial Ecophysiology: Assessing the Evolutionary Forces That Shape Mitochondrial Variation. Integrative and Comparative Biology, 2019, 59, 925-937.	2.0	8
11	Mitochondria, sex and variation in routine metabolic rate. Molecular Ecology, 2019, 28, 4608-4619.	3.9	6
12	Unique Genomic and Phenotypic Responses to Extreme and Variable pH Conditions in Purple Urchin Larvae. Integrative and Comparative Biology, 2020, 60, 318-331.	2.0	4