

Bonnie A Fraser

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

719
citations

759233

12
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

1113
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid genomic convergent evolution in experimental populations of Trinidadian guppies (<i>Poecilia</i>). <i>Trends in Ecology and Evolution</i> , 2019, 34, 107-114.	3.3	7
2	On the genetic architecture of rapidly adapting and convergent life history traits in guppies. <i>Heredity</i> , 2022, 128, 250-260.	2.6	9
3	A large and diverse autosomal haplotype is associated with sex-linked colour polymorphism in the guppy. <i>Nature Communications</i> , 2022, 13, 1233.	12.8	3
4	Drainage-structuring of ancestral variation and a common functional pathway shape limited genomic convergence in natural high- and low-predation guppies. <i>PLoS Genetics</i> , 2021, 17, e1009566.	3.5	22
5	What can be learned by scanning the genome for molecular convergence in wild populations?. <i>Annals of the New York Academy of Sciences</i> , 2020, 1476, 23-42.	3.8	14
6	Contingent Convergence: The Ability To Detect Convergent Genomic Evolution Is Dependent on Population Size and Migration. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 677-693.	1.8	7
7	Improved Reference Genome Uncovers Novel Sex-Linked Regions in the Guppy (<i>Poecilia reticulata</i>). <i>Genome Biology and Evolution</i> , 2020, 12, 1789-1805.	2.5	36
8	MEGASAT: automated inference of microsatellite genotypes from sequence data. <i>Molecular Ecology Resources</i> , 2017, 17, 247-256.	4.8	59
9	The Genome of the Trinidadian Guppy, <i>Poecilia reticulata</i> , and Variation in the Guanapo Population. <i>PLoS ONE</i> , 2016, 11, e0169087.	2.5	79
10	Population genomics of natural and experimental populations of guppies (<i>Poecilia reticulata</i>). <i>Molecular Ecology</i> , 2015, 24, 389-408.	3.9	79
11	Phenotypic and genomic plasticity of alternative male reproductive tactics in sailfin mollies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132310.	2.6	53
12	Transcriptome assemblies for studying sex-biased gene expression in the guppy, <i>Poecilia reticulata</i> . <i>BMC Genomics</i> , 2014, 15, 400.	2.8	82
13	The role of learning by a predator, <i>Rivulus hartii</i> , in the rare morph survival advantage in guppies. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2597-2605.	1.7	16
14	Sequencing and characterization of the guppy (<i>Poecilia reticulata</i>) transcriptome. <i>BMC Genomics</i> , 2011, 12, 202.	2.8	80
15	Parasite mediated homogenizing selection at the MHC in guppies. <i>Genetica</i> , 2010, 138, 273-278.	1.1	55
16	TEMPORAL VARIATION AT THE MHC CLASS IIB IN WILD POPULATIONS OF THE GUPPY (<i>POECILIA</i>). <i>Trends in Ecology and Evolution</i> , 2010, 25, 107-114.	2.3	32
17	A program to compare genetic differentiation statistics across loci using resampling of individuals and loci. <i>Molecular Ecology Resources</i> , 2010, 10, 546-550.	4.8	23
18	Selection at the MHC class IIB locus across guppy (<i>Poecilia reticulata</i>) populations. <i>Heredity</i> , 2010, 104, 155-167.	2.6	41

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19	MHC class IIB additive and non-additive effects on fitness measures in the guppy <i>Poecilia reticulata</i> . <i>Journal of Fish Biology</i> , 2009, 75, 2299-2312.	1.6	14