

Barrie D Robison

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,417
citations

471477

17
h-index

677123

22
g-index

24
all docs

24
docs citations

24
times ranked

4180
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavioral syndromes and the evolution of correlated behavior in zebrafish. <i>Behavioral Ecology</i> , 2007, 18, 556-562.	2.2	249
2	Status and opportunities for genomics research with rainbow trout. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2002, 133, 609-646.	1.6	206
3	Effect of starvation on transcriptomes of brain and liver in adult female zebrafish (<i>Danio rerio</i>). <i>PLoS ONE</i> , 2014, 9, e0174314. <small>10.1371/journal.pone.0174314</small>	2.8	111
4	The effects of early and adult social environment on zebrafish (<i>Danio rerio</i>) behavior. <i>Environmental Biology of Fishes</i> , 2007, 80, 91-101.	1.0	101
5	A potential model system for studying the genetics of domestication: behavioral variation among wild and domesticated strains of zebra danio (<i>Danio rerio</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 2046-2054.	1.4	78
6	Variation in development rate among clonal lines of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture</i> , 1999, 173, 131-141.	3.5	73
7	Retinal regeneration is facilitated by the presence of surviving neurons. <i>Developmental Neurobiology</i> , 2014, 74, 851-876.	3.0	67
8	Early developmental expression of two insulins in zebrafish (<i>Danio rerio</i>). <i>Physiological Genomics</i> , 2006, 27, 79-85.	2.3	61
9	Is Behavioral Variation along the Bold-Shy Continuum Associated with Variation in the Stress Axis in Zebrafish?. <i>Physiological and Biochemical Zoology</i> , 2012, 85, 718-728.	1.5	60
10	Sexual dimorphism in hepatic gene expression and the response to dietary carbohydrate manipulation in the zebrafish (<i>Danio rerio</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2008, 3, 141-154.	1.0	57
11	Maternal Bisphenol A Exposure Impacts the Fetal Heart Transcriptome. <i>PLoS ONE</i> , 2014, 9, e89096.	2.5	54
12	Brain transcriptome variation among behaviorally distinct strains of zebrafish (<i>Danio rerio</i>). <i>BMC Genomics</i> , 2012, 13, 323.	2.8	53
13	Assessing Social Behavior Phenotypes in Adult Zebrafish: Shoaling, Social Preference, and Mirror Biting Tests. <i>NeuroMethods</i> , 2012, , 231-246.	0.3	46
14	Dietary carbohydrate level affects transcription factor expression that regulates skeletal muscle myogenesis in rainbow trout. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009, 153, 66-72.	1.6	40
15	The Quantitative Genetic Architecture of the Bold-Shy Continuum in Zebrafish, <i>Danio rerio</i> . <i>PLoS ONE</i> , 2013, 8, e68828.	2.5	35
16	Zebrafish (<i>Danio rerio</i>) vary by strain and sex in their behavioral and transcriptional responses to selenium supplementation. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 157, 310-318.	1.8	31
17	Anxiolytic effects of fluoxetine and nicotine exposure on exploratory behavior in zebrafish. <i>PeerJ</i> , 2016, 4, e2352.	2.0	31
18	Retinal proliferation response in the buphthalmic zebrafish, bug-eye. <i>Experimental Eye Research</i> , 2011, 93, 424-436.	2.6	19

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19	Characterization and Evolution of the Spotted Gar Retina. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2016, 326, 403-421.	1.3	19
20	Sex-specific transcriptional responses of the zebrafish (<i>Danio rerio</i>) brain selenoproteome to acute sodium selenite supplementation. <i>Physiological Genomics</i> , 2013, 45, 653-666.	2.3	12
21	The Phenotypic Relationship of a Clonal Line to Its Population of Origin: Rapid Embryonic Development in an Alaskan Population of Rainbow Trout. <i>Transactions of the American Fisheries Society</i> , 2004, 133, 455-461.	1.4	11
22	A High-Throughput and Inexpensive Assay for Anxiety-Related Behaviors in the Zebrafish, Based on Place Preference and Latency to Feed. <i>Neuromethods</i> , 2012, , 203-215.	0.3	1
23	Genetic analysis of complex traits using clonal rainbow trout lines. , 2003, , 395-398.		1