

Fernando Galvez

List of Publications by Year in descending order

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33
papers

2,438
citations

394421

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414414

32
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34
all docs

34
docs citations

34
times ranked

2490
citing authors

#	ARTICLE	IF	CITATIONS
1	The biotic ligand model: a historical overview. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2002, 133, 3-35.	2.6	355
2	Multitissue Molecular, Genomic, and Developmental Effects of the Deepwater Horizon Oil Spill on Resident Gulf Killifish (<i>Fundulus grandis</i>). <i>Environmental Science & Technology</i> , 2013, 47, 5074-5082.	10.0	276
3	Genomic and physiological footprint of the Deepwater Horizon oil spill on resident marsh fishes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20298-20302.	7.1	226
4	The physiology of waterborne silver toxicity in freshwater rainbow trout (<i>Oncorhynchus mykiss</i>) 1. The effects of ionic Ag ⁺ . <i>Aquatic Toxicology</i> , 1996, 35, 93-109.	4.0	189
5	Genomic mechanisms of evolved physiological plasticity in killifish distributed along an environmental salinity gradient. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6193-6198.	7.1	189
6	Toxicity, silver accumulation and metallothionein induction in freshwater rainbow trout during exposure to different silver salts. <i>Environmental Toxicology and Chemistry</i> , 1996, 15, 1102-1108.	4.3	159
7	A Physiologically Based Biotic Ligand Model for Predicting the Acute Toxicity of Waterborne Silver to Rainbow Trout in Freshwaters. <i>Environmental Science & Technology</i> , 2000, 34, 4199-4207.	10.0	120
8	Integrating Organismal and Population Responses of Estuarine Fishes in Macondo Spill Research. <i>BioScience</i> , 2014, 64, 778-788.	4.9	98
9	DNA microarrays and toxicogenomics: applications for ecotoxicology?. <i>Biotechnology Advances</i> , 2002, 20, 391-419.	11.7	97
10	Salinity- and population-dependent genome regulatory response during osmotic acclimation in the killifish (<i>Fundulus heteroclitus</i>) gill. <i>Journal of Experimental Biology</i> , 2012, 215, 1293-1305.	1.7	97
11	Effects of chloride, calcium, and dissolved organic carbon on silver toxicity: Comparison between rainbow trout and fathead minnows. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 56-62.	4.3	96
12	Functional Genomics of Physiological Plasticity and Local Adaptation in Killifish. <i>Journal of Heredity</i> , 2011, 102, 499-511.	2.4	95
13	The relative importance of water hardness and chloride levels in modifying the acute toxicity of silver to rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 2363-2368.	4.3	63
14	Reciprocal osmotic challenges reveal mechanisms of divergence in phenotypic plasticity in the killifish <i>Fundulus heteroclitus</i> . <i>Journal of Experimental Biology</i> , 2015, 218, 1212-22.	1.7	62
15	The physiology of waterborne silver toxicity in freshwater rainbow trout (<i>Oncorhynchus mykiss</i>) 2. The effects of silver thiosulfate. <i>Aquatic Toxicology</i> , 1996, 35, 111-125.	4.0	50
16	Natural Selection Canalizes Expression Variation of Environmentally Induced Plasticity-Enabling Genes. <i>Molecular Biology and Evolution</i> , 2014, 31, 3002-3015.	8.9	48
17	Common functional targets of adaptive micro- and macroevolutionary divergence in killifish. <i>Molecular Ecology</i> , 2013, 22, 3780-3796.	3.9	40
18	Physiological effects of dietary silver sulfide exposure in rainbow trout. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 84-88.	4.3	28

#	ARTICLE	IF	CITATIONS
19	The physiological effects of a biologically incorporated silver diet on rainbow trout (<i>Oncorhynchus</i>) Tj ETQq1 1 0.784314 rgBTJ /Overl	4.0	26
20	Biomarkers of Aryl-hydrocarbon Receptor Activity in Gulf Killifish (<i>Fundulus grandis</i>) From Northern Gulf of Mexico Marshes Following the Deepwater Horizon Oil Spill. Archives of Environmental Contamination and Toxicology, 2017, 73, 63-75.	4.1	16
21	Embryonic development and metabolic costs in Gulf killifish <i>Fundulus grandis</i> exposed to varying environmental salinities. Fish Physiology and Biochemistry, 2012, 38, 1071-1082.	2.3	15
22	Mechanism of sodium uptake in PNA negative MR cells from rainbow trout, <i>Oncorhynchus mykiss</i> as revealed by silver and copper inhibition. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 159, 234-241.	1.8	14
23	Is Exposure to Macondo Oil Reflected in the Otolith Chemistry of Marsh-Resident Fish?. PLoS ONE, 2016, 11, e0162699.	2.5	14
24	Response to Comment on "Multi-Tissue Molecular, Genomic, and Developmental Effects of the Deepwater Horizon Oil Spill on Resident Gulf Killifish (<i>Fundulus grandis</i>)". Environmental Science & Technology, 2014, 48, 7679-7680.	10.0	13
25	THE RELATIVE IMPORTANCE OF WATER HARDNESS AND CHLORIDE LEVELS IN MODIFYING THE ACUTE TOXICITY OF SILVER TO RAINBOW TROUT (<i>ONCORHYNCHUS MYKISS</i>). Environmental Toxicology and Chemistry, 1997, 16, 2363.	4.3	11
26	Physiological Responses of Juvenile Rainbow Trout to Chronic Low Level Exposures of Waterborne Silver. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1998, 119, 131-137.	0.5	10
27	The potential role of polyamines in gill epithelial remodeling during extreme hypoosmotic challenges in the Gulf killifish, <i>Fundulus grandis</i> . Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 194-195, 39-50.	1.6	9
28	The distribution kinetics of waterborne silver-110m in juvenile rainbow trout. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2002, 131, 367-378.	2.6	6
29	TOXICITY, SILVER ACCUMULATION AND METALLOTHIONEIN INDUCTION IN FRESHWATER RAINBOW TROUT DURING EXPOSURE TO DIFFERENT SILVER SALTS. Environmental Toxicology and Chemistry, 1996, 15, 1102.	4.3	6
30	Physiological and Genomic Mechanisms of Resilience to Multiple Environmental Stressors. , 2018, , 179-201.		4
31	Increased polyamine levels and maintenance of $\hat{1}^3$ -aminobutyric acid (Gaba) homeostasis in the gills is indicative of osmotic plasticity in killifish. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2021, 257, 110969.	1.8	2
32	EFFECTS OF CHLORIDE, CALCIUM, AND DISSOLVED ORGANIC CARBON ON SILVER TOXICITY: COMPARISON BETWEEN RAINBOW TROUT AND FATHEAD MINNOWS. Environmental Toxicology and Chemistry, 1999, 18, 56.	4.3	2
33	Transgenerational effects of parental crude oil exposure on the morphology of adult <i>Fundulus grandis</i> . Aquatic Toxicology, 2022, , 106209.	4.0	2