

Victoria P Connaughton

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,387
citations

361413

20
h-index

361022

35
g-index

59
all docs

59
docs citations

59
times ranked

1474
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of hyperglycaemia in zebrafish (<i>Danio rerio</i>) leads to morphological changes in the retina. <i>Acta Diabetologica</i> , 2007, 44, 157-163.	2.5	135
2	Identification and morphological classification of horizontal, bipolar, and amacrine cells within the zebrafish retina. <i>Journal of Comparative Neurology</i> , 2004, 477, 371-385.	1.6	104
3	Mercury-induced epigenetic transgenerational inheritance of abnormal neurobehavior is correlated with sperm epimutations in zebrafish. <i>PLoS ONE</i> , 2017, 12, e0176155.	2.5	104
4	Axonal stratification patterns and glutamate-gated conductance mechanisms in zebrafish retinal bipolar cells. <i>Journal of Physiology</i> , 2000, 524, 135-146.	2.9	88
5	Chronic exposure to environmentally-relevant concentrations of fluoxetine (Prozac) decreases survival, increases abnormal behaviors, and delays predator escape responses in guppies. <i>Chemosphere</i> , 2015, 139, 202-209.	8.2	64
6	Immunocytochemical localization of excitatory and inhibitory neurotransmitters in the zebrafish retina. <i>Visual Neuroscience</i> , 1999, 16, 483-490.	1.0	60
7	Selenomethionine reduces visual deficits due to developmental methylmercury exposures. <i>Physiology and Behavior</i> , 2008, 93, 250-260.	2.1	59
8	Differential expression of voltage-gated K ⁺ and Ca ²⁺ currents in bipolar cells in the zebrafish retinal slice. <i>European Journal of Neuroscience</i> , 1998, 10, 1350-1362.	2.6	46
9	Effects of Nicotine on Growth And Development in Larval Zebrafish. <i>Zebrafish</i> , 2007, 4, 59-68.	1.1	39
10	Spectral Responses in Zebrafish Horizontal Cells Include a Tetrphasic Response and a Novel UV-Dominated Triphasic Response. <i>Journal of Neurophysiology</i> , 2010, 104, 2407-2422.	1.8	39
11	Actin cytoskeleton regulates ion channel activity in retinal neurons. <i>NeuroReport</i> , 1998, 9, 665-670.	1.2	36
12	Prey selection by larval weakfish (<i>Cynoscion regalis</i>): the effects of prey size, speed, and abundance. <i>Marine Biology</i> , 1993, 116, 31-37.	1.5	35
13	Developmental exposure to heavy metals alters visually-guided behaviors in zebrafish. <i>Environmental Epigenetics</i> , 2017, 63, 221-227.	1.8	35
14	Contribution of catabolic tissue replacement to the turnover of stable isotopes in <i>Danio rerio</i> . <i>Canadian Journal of Zoology</i> , 2006, 84, 1453-1460.	1.0	33
15	Ultrastructure of the distal retina of the adult zebrafish, <i>Danio rerio</i> . <i>Tissue and Cell</i> , 2012, 44, 264-279.	2.2	32
16	Color Processing in Zebrafish Retina. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 327.	3.7	30
17	Effects of Low-Dose Embryonic Thyroid Disruption and Rearing Temperature on the Development of the Eye and Retina in Zebrafish. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2014, 101, 347-354.	1.4	29
18	Effects of varying irradiance on feeding in larval weakfish (<i>Cynoscion regalis</i>). <i>Journal of Experimental Marine Biology and Ecology</i> , 1994, 180, 151-163.	1.5	26

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19	Alternate Immersion in an External Glucose Solution Differentially Affects Blood Sugar Values in Older Versus Younger Zebrafish Adults. <i>Zebrafish</i> , 2016, 13, 87-94.	1.1	25
20	Electrophysiological evidence of GABA _A and GABA _C receptors on zebrafish retinal bipolar cells. <i>Visual Neuroscience</i> , 2008, 25, 139-153.	1.0	23
21	Variability in mitochondria of zebrafish photoreceptor ellipsoids. <i>Visual Neuroscience</i> , 2014, 31, 11-23.	1.0	22
22	Comparative morphology of distal neurons in larval and adult zebrafish retinas. <i>Vision Research</i> , 1998, 38, 13-18.	1.4	19
23	Growth and development of Atlantic mud crab larvae fed natural Zooplankton prey. <i>Journal of Experimental Marine Biology and Ecology</i> , 1994, 180, 165-174.	1.5	18
24	One month of hyperglycemia alters spectral responses of the zebrafish photopic ERG. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	17
25	Differential behavioral effects of ethanol pre-exposure in male and female zebrafish (<i>Danio rerio</i>). <i>Behavioural Brain Research</i> , 2017, 335, 174-184.	2.2	15
26	Timed Electrodeposition of PEDOT:Nafion onto Carbon Fiber-Microelectrodes Enhances Dopamine Detection in Zebrafish Retina. <i>Journal of the Electrochemical Society</i> , 2020, 167, 115501.	2.9	15
27	Cone signals in monostratified and bistratified amacrine cells of adult zebrafish retina. <i>Journal of Comparative Neurology</i> , 2017, 525, 1532-1557.	1.6	14
28	Stimulation of Sodium Pump Restores Membrane Potential to Neurons Excited by Glutamate in Zebrafish Distal Retina. <i>Journal of Physiology</i> , 2003, 549, 787-800.	2.9	13
29	A light and transmission electron microscope study of the distribution and ultrastructural features of peripheral nerve processes in the extra-retinal layers of the zebrafish eye. <i>Tissue and Cell</i> , 2009, 41, 286-298.	2.2	12
30	Bipolar cells in the zebrafish retina. <i>Visual Neuroscience</i> , 2011, 28, 77-93.	1.0	11
31	Acute developmental exposure to 4-hydroxyandrostenedione has a long-term effect on visually-guided behaviors. <i>Neurotoxicology and Teratology</i> , 2017, 64, 45-49.	2.4	11
32	Using a variant of the optomotor response as a visual defect detection assay in zebrafish. <i>Journal of Biological Methods</i> , 2021, 8, e144.	0.6	11
33	Influence of previous experience on the feeding habits of larval weakfish <i>Cynoscion regalis</i> . <i>Marine Ecology - Progress Series</i> , 1993, 101, 237-241.	1.9	11
34	Neurochemical and Behavioral Consequences of Ethanol and/or Caffeine Exposure: Effects in Zebrafish and Rodents. <i>Current Neuropharmacology</i> , 2022, 20, 560-578.	2.9	11
35	Transporter-mediated GABA responses in horizontal and bipolar cells of zebrafish retina. <i>Visual Neuroscience</i> , 2008, 25, 155-165.	1.0	10
36	Developmental exposure to methimazole increases anxiety behavior in zebrafish.. <i>Behavioral Neuroscience</i> , 2015, 129, 634-642.	1.2	10

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37	Elevated dopamine concentration in light-adapted zebrafish retinas is correlated with increased dopamine synthesis and metabolism. <i>Journal of Neurochemistry</i> , 2015, 135, 101-108.	3.9	10
38	Chapter 10 Organization of ON- and OFF-pathways in the zebrafish retina: neurotransmitter localization, electrophysiological responses of bipolar cells, and patterns of axon terminal stratification. <i>Progress in Brain Research</i> , 2001, 131, 161-176.	1.4	9
39	The expression of GAD67 isoforms in zebrafish retinal tissue changes over the light/dark cycle. <i>Journal of Neurocytology</i> , 2001, 30, 303-312.	1.5	9
40	Zebrafish retinal slice preparation. <i>Cytotechnology</i> , 2003, 25, 49-58.	0.7	9
41	ZebrafishTg(7.2mab21l2:EGFP)ucd2Transgenics Reveal a Unique Population of Retinal Amacrine Cells. , 2011, 52, 1613.		9
42	Observational learning and irreversible starvation in first-feeding zebrafish larvae: is it okay to copy from your friends?. <i>Zoology</i> , 2021, 145, 125896.	1.2	9
43	The Role of Estrogen and Thyroid Hormones in Zebrafish Visual System Function. <i>Frontiers in Pharmacology</i> , 2022, 13, 837687.	3.5	9
44	Chemical suppression of feeding in larval weakfish (<i>Cynoscion regalis</i>) by trochophores of the serpulid polychaete <i>Hydroides dianthus</i> . <i>Journal of Chemical Ecology</i> , 1994, 20, 1763-1771.	1.8	7
45	Using zebrafish to assess the effect of chronic, early developmental exposure to environmentally relevant concentrations of 5-fluorouracil and leucovorin. <i>Environmental Toxicology and Pharmacology</i> , 2020, 76, 103356.	4.0	7
46	Zebrafish Optomotor Response and Morphology Are Altered by Transient, Developmental Exposure to Bisphenol-A. <i>Journal of Developmental Biology</i> , 2021, 9, 14.	1.7	7
47	Transient developmental exposure to tributyltin reduces optomotor responses in larval zebrafish (<i>Danio rerio</i>). <i>Neurotoxicology and Teratology</i> , 2022, 89, 107055.	2.4	6
48	Chapter 17 Physiological responses associated with kainate receptor immunoreactivity in dissociated zebrafish retinal neurons: a voltage probe study. <i>Progress in Brain Research</i> , 2001, 131, 255-265.	1.4	5
49	The Effects of Rearing Light Level and Duration Differences on the Optic Nerve, Brain, and Associated Structures in Developing Zebrafish Larvae: A Light and Transmission Electron Microscope Study. <i>Anatomical Record</i> , 2012, 295, 515-531.	1.4	5
50	Acute exposure to 4-OH-A, not PCB1254, alters brain aromatase activity but does not adversely affect growth in zebrafish. <i>Environmental Toxicology and Pharmacology</i> , 2019, 68, 133-140.	4.0	4
51	Anatomical and Behavioral Assessment of Larval Zebrafish (<i>Danio rerio</i>) Reared in Anacostia River Water Samples. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 78, 525-535.	4.1	3
52	The Three-Chamber Choice Behavioral Task using Zebrafish as a Model System. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	3
53	Alternate Immersion in Glucose to Produce Prolonged Hyperglycemia in Zebrafish. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	3
54	Novel experimental apparatus for laboratory measurements of phototaxis: A comparison between amphipod species. <i>Journal of Crustacean Biology</i> , 2022, 42, .	0.8	3

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55	The Vertebrate Retina. , 2005, , 99-127.		2
56	Ganglion cells in larval zebrafish retina integrate inputs from multiple cone types. Journal of Neurophysiology, 2021, 126, 1440-1454.	1.8	2
57	A simple way for students to visualize cellular respiration: adapting the board game Mousetrap™ to model complexity. CourseSource, 0, 4, .	0.0	2
58	Differential effects of fluoxetine on the phototactic behavior of 3 amphipod species (Crustacea;) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 6	4.0	2
59	(Invited)ÂCo-Detection of Dopamine and Metabolites Using Fast Scan Cyclic Voltammetry and Modified Carbon Fiber-Microelectrodes. ECS Meeting Abstracts, 2019, MA2019-02, 2424-2424.	0.0	0