

# Victoria P Connaughton

## List of Publications by Year in descending order

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59  
papers

1,387  
citations

361296

20  
h-index

360920

35  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1474  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurochemical and Behavioral Consequences of Ethanol and/or Caffeine Exposure: Effects in Zebrafish and Rodents. <i>Current Neuropharmacology</i> , 2022, 20, 560-578.	1.4	11
2	Transient developmental exposure to tributyltin reduces optomotor responses in larval zebrafish ( <i>Danio rerio</i> ). <i>Neurotoxicology and Teratology</i> , 2022, 89, 107055.	1.2	6
3	Novel experimental apparatus for laboratory measurements of phototaxis: A comparison between amphipod species. <i>Journal of Crustacean Biology</i> , 2022, 42, .	0.3	3
4	The Role of Estrogen and Thyroid Hormones in Zebrafish Visual System Function. <i>Frontiers in Pharmacology</i> , 2022, 13, 837687.	1.6	9
5	Differential effects of fluoxetine on the phototactic behavior of 3 amphipod species (Crustacea; <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	2.0	2
6	Using a variant of the optomotor response as a visual defect detection assay in zebrafish. <i>Journal of Biological Methods</i> , 2021, 8, e144.	1.0	11
7	Zebrafish Optomotor Response and Morphology Are Altered by Transient, Developmental Exposure to Bisphenol-A. <i>Journal of Developmental Biology</i> , 2021, 9, 14.	0.9	7
8	Observational learning and irreversible starvation in first-feeding zebrafish larvae: is it okay to copy from your friends?. <i>Zoology</i> , 2021, 145, 125896.	0.6	9
9	The Three-Chamber Choice Behavioral Task using Zebrafish as a Model System. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	3
10	Alternate Immersion in Glucose to Produce Prolonged Hyperglycemia in Zebrafish. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	3
11	Ganglion cells in larval zebrafish retina integrate inputs from multiple cone types. <i>Journal of Neurophysiology</i> , 2021, 126, 1440-1454.	0.9	2
12	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.	2.1	3
13	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.	2.0	7
14	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.	1.3	15
15	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.	2.0	4
16	(Invited) Co-Detection of Dopamine and Metabolites Using Fast Scan Cyclic Voltammetry and Modified Carbon Fiber-Microelectrodes. <i>ECS Meeting Abstracts</i> , 2019, MA2019-02, 2424-2424.	0.0	0
17	Color Processing in Zebrafish Retina. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 327.	1.8	30
18	One month of hyperglycemia alters spectral responses of the zebrafish photopic ERG. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	17

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19	Differential behavioral effects of ethanol pre-exposure in male and female zebrafish ( <i>Danio rerio</i> ). Behavioural Brain Research, 2017, 335, 174-184.	1.2	15
20	Acute developmental exposure to 4-hydroxyandrostenedione has a long-term effect on visually-guided behaviors. Neurotoxicology and Teratology, 2017, 64, 45-49.	1.2	11
21	Cone signals in monostratified and bistratified amacrine cells of adult zebrafish retina. Journal of Comparative Neurology, 2017, 525, 1532-1557.	0.9	14
22	Developmental exposure to heavy metals alters visually-guided behaviors in zebrafish. Environmental Epigenetics, 2017, 63, 221-227.	0.9	35
23	Mercury-induced epigenetic transgenerational inheritance of abnormal neurobehavior is correlated with sperm epimutations in zebrafish. PLoS ONE, 2017, 12, e0176155.	1.1	104
24	Alternate Immersion in an External Glucose Solution Differentially Affects Blood Sugar Values in Older Versus Younger Zebrafish Adults. Zebrafish, 2016, 13, 87-94.	0.5	25
25	Chronic exposure to environmentally-relevant concentrations of fluoxetine (Prozac) decreases survival, increases abnormal behaviors, and delays predator escape responses in guppies. Chemosphere, 2015, 139, 202-209.	4.2	64
26	Developmental exposure to methimazole increases anxiety behavior in zebrafish.. Behavioral Neuroscience, 2015, 129, 634-642.	0.6	10
27	Elevated dopamine concentration in light-adapted zebrafish retinas is correlated with increased dopamine synthesis and metabolism. Journal of Neurochemistry, 2015, 135, 101-108.	2.1	10
28	Variability in mitochondria of zebrafish photoreceptor ellipsoids. Visual Neuroscience, 2014, 31, 11-23.	0.5	22
29	Effects of Low-Dose Embryonic Thyroid Disruption and Rearing Temperature on the Development of the Eye and Retina in Zebrafish. Birth Defects Research Part B: Developmental and Reproductive Toxicology, 2014, 101, 347-354.	1.4	29
30	Ultrastructure of the distal retina of the adult zebrafish, <i>Danio rerio</i> . Tissue and Cell, 2012, 44, 264-279.	1.0	32
31	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. Anatomical Record, 2012, 295, 515-531.	0.8	5
32	ZebrafishTg(7.2mab2112:EGFP)ucd2Transgenics Reveal a Unique Population of Retinal Amacrine Cells. , 2011, 52, 1613.		9
33	Bipolar cells in the zebrafish retina. Visual Neuroscience, 2011, 28, 77-93.	0.5	11
34	Spectral Responses in Zebrafish Horizontal Cells Include a Tetrphasic Response and a Novel UV-Dominated Triphasic Response. Journal of Neurophysiology, 2010, 104, 2407-2422.	0.9	39
35	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. Tissue and Cell, 2009, 41, 286-298.	1.0	12
36	Electrophysiological evidence of GABA <sub>A</sub> and GABA <sub>C</sub> receptors on zebrafish retinal bipolar cells. Visual Neuroscience, 2008, 25, 139-153.	0.5	23

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37	Selenomethionine reduces visual deficits due to developmental methylmercury exposures. <i>Physiology and Behavior</i> , 2008, 93, 250-260.	1.0	59
38	Transporter-mediated GABA responses in horizontal and bipolar cells of zebrafish retina. <i>Visual Neuroscience</i> , 2008, 25, 155-165.	0.5	10
39	Effects of Nicotine on Growth And Development in Larval Zebrafish. <i>Zebrafish</i> , 2007, 4, 59-68.	0.5	39
40	Induction of hyperglycaemia in zebrafish ( <i>Danio rerio</i> ) leads to morphological changes in the retina. <i>Acta Diabetologica</i> , 2007, 44, 157-163.	1.2	135
41	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.	0.4	33
42	The Vertebrate Retina. , 2005, , 99-127.		2
43	Identification and morphological classification of horizontal, bipolar, and amacrine cells within the zebrafish retina. <i>Journal of Comparative Neurology</i> , 2004, 477, 371-385.	0.9	104
44	Zebrafish retinal slice preparation. <i>Cytotechnology</i> , 2003, 25, 49-58.	0.7	9
45	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.	1.3	13
46	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.	0.9	9
47	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.	0.9	5
48	The expression of GAD67 isoforms in zebrafish retinal tissue changes over the light/dark cycle. <i>Journal of Neurocytology</i> , 2001, 30, 303-312.	1.6	9
49	Axonal stratification patterns and glutamate-gated conductance mechanisms in zebrafish retinal bipolar cells. <i>Journal of Physiology</i> , 2000, 524, 135-146.	1.3	88
50	Immunocytochemical localization of excitatory and inhibitory neurotransmitters in the zebrafish retina. <i>Visual Neuroscience</i> , 1999, 16, 483-490.	0.5	60
51	Differential expression of voltage-gated K <sup>+</sup> and Ca <sup>2+</sup> currents in bipolar cells in the zebrafish retinal slice. <i>European Journal of Neuroscience</i> , 1998, 10, 1350-1362.	1.2	46
52	Comparative morphology of distal neurons in larval and adult zebrafish retinas. <i>Vision Research</i> , 1998, 38, 13-18.	0.7	19
53	Actin cytoskeleton regulates ion channel activity in retinal neurons. <i>NeuroReport</i> , 1998, 9, 665-670.	0.6	36
54	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.	0.9	7

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55	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.	0.7	26
56	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.	0.7	18
57	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.	0.7	35
58	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.	0.9	11
59	A simple way for students to visualize cellular respiration: adapting the board game Mousetrap™ to model complexity. <i>CourseSource</i> , 0, 4, .	0.0	2