Glen J Van Der Kraak

List of Publications by Year in Descending Order

37 papers	796 citations	15 h-index	28 g-index
38 ext. papers	921 ext. citations	4.4 avg, IF	3.89 L-index

#	Paper	IF	Citations
37	Calcium influx and spermatogenesis in the testis and liver enzyme activities in the zebrafish are rapidly modulated by the calcium content of the water.. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2022**, 270, 111227	2.6	0
36	In vivo and in vitro short-term bisphenol A exposures disrupt testicular energy metabolism and negatively impact spermatogenesis in zebrafish. *Reproductive Toxicology*, **2021**, 107, 10-21	3.4	0
35	Triterpene betulin may be involved in the acute effects of pulp and paper mill effluent on testis physiology in zebrafish. *Toxicology in Vitro*, **2021**, 73, 105147	3.6	
34	Assessment of risks to listed species from the use of atrazine in the USA: a perspective. *Journal of Toxicology and Environmental Health - Part B: Critical Reviews*, **2021**, 24, 223-306	8.6	0
33	Pyriproxyfen induces intracellular calcium overload and alters antioxidant defenses in Danio rerio testis that may influence ongoing spermatogenesis. *Environmental Pollution*, **2021**, 270, 116055	9.3	2
32	Nuclear progesterone receptor regulates ptger4b and PLA2G4A expression in zebrafish (Danio rerio) ovulation. *General and Comparative Endocrinology*, **2021**, 311, 113842	3	1
31	ADAMTS1 is regulated by the EP4 receptor in the zebrafish ovary. *General and Comparative Endocrinology*, **2021**, 311, 113835	3	2
30	Dibutyl phthalate rapidly alters calcium homeostasis in the gills of Danio rerio. *Chemosphere*, **2020**, 258, 127408	8.4	5
29	Role of bisphenol A on calcium influx and its potential toxicity on the testis of Danio rerio. *Ecotoxicology and Environmental Safety*, **2020**, 202, 110876	7	6
28	A Brazilian pulp and paper mill effluent disrupts energy metabolism in immature rat testis and alters Sertoli cell secretion and mitochondrial activity. *Animal Reproduction*, **2020**, 17, e20190116	1.7	2
27	Acute exposure to bis(2-ethylhexyl)phthalate disrupts calcium homeostasis, energy metabolism and induces oxidative stress in the testis of Danio rerio. *Biochimie*, **2020**, 175, 23-33	4.6	8
26	Investigating the role of prostaglandin receptor isoform EP4b in zebrafish ovulation. *General and Comparative Endocrinology*, **2019**, 283, 113228	3	7
25	Effects of atrazine on fish, amphibians, and reptiles: update of the analysis based on quantitative weight of evidence. *Critical Reviews in Toxicology*, **2019**, 49, 670-709	5.7	16
24	Exposure to a Brazilian pulp mill effluent impacts the testis and liver in the zebrafish. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2018**, 206-207, 41-47	3.2	3
23	Assessing recovery of in vitro steroid production in male rainbow darter (Etheostoma caeruleum) in response to municipal wastewater treatment plant infrastructure changes. *Environmental Toxicology and Chemistry*, **2018**, 37, 501-514	3.8	1
22	Population impacts in white sucker (Catostomus commersonii) exposed to oil sands-derived contaminants in the Athabasca River. *Environmental Toxicology and Chemistry*, **2017**, 36, 2058-2067	3.8	19
21	Oxidative ecology of paternal care in wild smallmouth bass,. *Journal of Experimental Biology*, **2017**, 220, 1905-1914	3	1

20	The Relationship between Organic Loading and Effects on Fish Reproduction for Pulp Mill Effluents across Canada. *Environmental Science & Technology*, **2017**, 51, 3499-3507	10.3	8
19	Does GLP enhance the quality of toxicological evidence for regulatory decisions?. *Toxicological Sciences*, **2016**, 151, 206-13	4.4	15
18	The role of eicosanoids in 17,20-dihydroxy-4-pregnen-3-one-induced ovulation and spawning in Danio rerio. *General and Comparative Endocrinology*, **2015**, 213, 50-8	3	26
17	Inhibition of spawning in zebrafish (Danio rerio): Adverse outcome pathways of quinacrine and ethinylestradiol. *General and Comparative Endocrinology*, **2015**, 219, 89-101	3	7
16	Comments on the opinions published by Bergman et al. (2015) on Critical Comments on the WHO-UNEP State of the Science of Endocrine Disrupting Chemicals (Lamb et al., 2014). *Regulatory Toxicology and Pharmacology*, **2015**, 73, 754-7	3.4	20
15	Short-term effects of cortisol implantation on blood biochemistry and thyroid hormones in previtellogenic great sturgeon Huso huso. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2015**, 179, 197-203	2.6	8
14	Naphthenic Acid Mixtures from Oil Sands Process-Affected Water Enhance Differentiation of Mouse Embryonic Stem Cells and Affect Development of the Heart. *Environmental Science & Technology*, **2015**, 49, 10165-72	10.3	16
13	Assessment of biomarkers for contaminants of emerging concern on aquatic organisms downstream of a municipal wastewater discharge. *Science of the Total Environment*, **2015**, 530-531, 140-153	10.2	68
12	Atrazine and its degradates have little effect on the corticosteroid stress response in the zebrafish. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2015**, 170, 1-7	3.2	3
11	Critical comments on the WHO-UNEP State of the Science of Endocrine Disrupting Chemicals - 2012. *Regulatory Toxicology and Pharmacology*, **2014**, 69, 22-40	3.4	53
10	Effects of atrazine in fish, amphibians, and reptiles: an analysis based on quantitative weight of evidence. *Critical Reviews in Toxicology*, **2014**, 44 Suppl 5, 1-66	5.7	81
9	Response to Kortenkamp et al. Rebuttal. *Critical Reviews in Toxicology*, **2012**, 42, 790-791	5.7	3
8	Differential effects of 17-estradiol and 11-ketotestosterone on the endocrine stress response in zebrafish (Danio rerio). *General and Comparative Endocrinology*, **2011**, 170, 365-73	3	40
7	The inhibitory control of oocyte maturation in the zebrafish (Danio rerio): the role of the G protein-coupled estrogen receptor and epidermal growth factor. *Biology of Reproduction*, **2011**, 85, 6-8	3.9	7
6	Survival and iono-regulatory performance in Atlantic salmon smolts is not affected by atrazine exposure. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2010**, 152, 379-84	3.2	3
5	Effects of atrazine on fish, amphibians, and aquatic reptiles: a critical review. *Critical Reviews in Toxicology*, **2008**, 38, 721-72	5.7	187
4	Sex and status in a cooperative breeding fish: behavior and androgens. *Behavioral Ecology and Sociobiology*, **2008**, 62, 785-794	2.5	54
3	Behaviour and physiology of sockeye salmon homing through coastal waters to a natal river. *Marine Biology*, **2007**, 152, 905-918	2.5	47

2	Accumulation of Hormonally Active Substances by Wild White Sucker (Catostomus commersoni) Exposed to Effluents Discharged to the Wabigoon River. *Water Quality Research Journal of Canada*, **2005**, 40, 315-327	1.7	17
1	Effects of atrazine on CYP19 gene expression and aromatase activity in testes and on plasma sex steroid concentrations of male African clawed frogs (Xenopus laevis). *Toxicological Sciences*, **2005**, 86, 273-80	4.4	60