

Kevin J Kroll

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,096
citations

236925

25
h-index

233421

45
g-index

55
all docs

55
docs citations

55
times ranked

2079
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitellogenin as a Biomarker of Exposure for Estrogen or Estrogen Mimics. <i>Ecotoxicology</i> , 1999, 8, 385-398.	2.4	248
2	Differential expression of largemouth bass (<i>Micropterus salmoides</i>) estrogen receptor isotypes alpha, beta, and gamma by estradiol. <i>Molecular and Cellular Endocrinology</i> , 2004, 218, 107-118.	3.2	199
3	Effects of <i>n</i> -nonylphenol, methoxychlor, and endosulfan on vitellogenin induction and expression in sheepshead minnow (<i>Cyprinodon variegatus</i>). <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 336-343.	4.3	110
4	Estrogen-Induced Vitellogenin mRNA and Protein in Sheepshead Minnow (<i>Cyprinodon variegatus</i>). <i>General and Comparative Endocrinology</i> , 2000, 120, 300-313.	1.8	106
5	Vitellogenin mRNA regulation and plasma clearance in male sheepshead minnows, (<i>Cyprinodon</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 58, 99-112.	4.0	87
6	Construction of a robust microarray from a non-model species largemouth bass, <i>Micropterus salmoides</i> (Lacépède), using pyrosequencing technology. <i>Journal of Fish Biology</i> , 2008, 72, 2354-2376.	1.6	82
7	Behavioral and genomic impacts of a wastewater effluent on the fathead minnow. <i>Aquatic Toxicology</i> , 2011, 101, 38-48.	4.0	80
8	Gene expression responses in male fathead minnows exposed to binary mixtures of an estrogen and antiestrogen. <i>BMC Genomics</i> , 2009, 10, 308.	2.8	74
9	Estradiol-induced gene expression in largemouth bass (<i>Micropterus salmoides</i>). <i>Molecular and Cellular Endocrinology</i> , 2002, 196, 67-77.	3.2	69
10	Distinct expression and activity profiles of largemouth bass (<i>Micropterus salmoides</i>) estrogen receptors in response to estradiol and nonylphenol. <i>Journal of Molecular Endocrinology</i> , 2007, 39, 223-237.	2.5	52
11	Gene Expression Networks Underlying Ovarian Development in Wild Largemouth Bass (<i>Micropterus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 2.5 49	2.5	49
12	Developmental abnormalities and differential expression of genes induced in oil and dispersant exposed <i>Menidia beryllina</i> embryos. <i>Aquatic Toxicology</i> , 2015, 168, 60-71.	4.0	49
13	Expression Signatures for a Model Androgen and Antiandrogen in the Fathead Minnow (<i>Pimephales</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10.0 48	10.0	48
14	Gene networks and toxicity pathways induced by acute cadmium exposure in adult largemouth bass (<i>Micropterus salmoides</i>). <i>Aquatic Toxicology</i> , 2014, 152, 186-194.	4.0	48
15	Seasonal relationship between gonadotropin, growth hormone, and estrogen receptor mRNA expression in the pituitary gland of largemouth bass. <i>General and Comparative Endocrinology</i> , 2009, 163, 306-317.	1.8	47
16	Dietary exposure of 17-alpha ethinylestradiol modulates physiological endpoints and gene signaling pathways in female largemouth bass (<i>Micropterus salmoides</i>). <i>Aquatic Toxicology</i> , 2014, 156, 148-160.	4.0	44
17	Genomic and Proteomic Responses to Environmentally Relevant Exposures to Dieldrin: Indicators of Neurodegeneration?. <i>Toxicological Sciences</i> , 2010, 117, 190-199.	3.1	42
18	Effects of acute dieldrin exposure on neurotransmitters and global gene transcription in largemouth bass (<i>Micropterus salmoides</i>) hypothalamus. <i>NeuroToxicology</i> , 2010, 31, 356-366.	3.0	42

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19	A Computational Model of the Hypothalamic-Pituitary-Gonadal Axis in Male Fathead Minnows Exposed to 17 β -Ethinylestradiol and 17 β -Estradiol. <i>Toxicological Sciences</i> , 2009, 109, 180-192.	3.1	37
20	Tissue distribution of organochlorine pesticides in largemouth bass (<i>Micropterus salmoides</i>) from laboratory exposure and a contaminated lake. <i>Environmental Pollution</i> , 2016, 216, 877-883.	7.5	35
21	Environmentally relevant exposure to 17 β -ethinylestradiol affects the telencephalic proteome of male fathead minnows. <i>Aquatic Toxicology</i> , 2010, 98, 344-353.	4.0	34
22	A computational model of the hypothalamic - pituitary - gonadal axis in female fathead minnows (<i>Pimephales promelas</i>) exposed to 17 β -ethinylestradiol and 17 β -trenbolone. <i>BMC Systems Biology</i> , 2011, 5, 63.	3.0	34
23	Use of suppressive subtractive hybridization and cDNA arrays to discover patterns of altered gene expression in the liver of dihydrotestosterone and 11-ketotestosterone exposed adult male largemouth bass (<i>Micropterus salmoides</i>). <i>Marine Environmental Research</i> , 2004, 58, 565-569.	2.5	28
24	Sexually dimorphic transcriptomic responses in the teleostean hypothalamus: A case study with the organochlorine pesticide dieldrin. <i>NeuroToxicology</i> , 2013, 34, 105-117.	3.0	28
25	Methoxychlor affects multiple hormone signaling pathways in the largemouth bass (<i>Micropterus</i>) Tj ETQq1 1 0.784314 rgBT /Overloc 26	4.0	26
26	High contaminant loads in Lake Apopka's riparian wetland disrupt gene networks involved in reproduction and immune function in largemouth bass. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016, 19, 140-150.	1.0	25
27	Regulation of Steroidogenic Acute Regulatory Protein Transcription in Largemouth Bass by Orphan Nuclear Receptor Signaling Pathways. <i>Endocrinology</i> , 2010, 151, 341-349.	2.8	22
28	Identification and Transcriptional Modulation of the Largemouth Bass, <i>Micropterus salmoides</i> , Vitellogenin Receptor During Oocyte Development by Insulin and Sex Steroids ¹ . <i>Biology of Reproduction</i> , 2012, 87, 67.	2.7	22
29	Comparative toxicity of three phenolic compounds on the embryo of fathead minnow, <i>Pimephales promelas</i> . <i>Aquatic Toxicology</i> , 2018, 201, 66-72.	4.0	22
30	Quantification of steroid hormones in low volume plasma and tissue homogenates of fish using LC-MS/MS. <i>General and Comparative Endocrinology</i> , 2020, 296, 113543.	1.8	22
31	Queen Conch (<i>Strombus gigas</i>) Testis Regresses during the Reproductive Season at Nearshore Sites in the Florida Keys. <i>PLoS ONE</i> , 2010, 5, e12737.	2.5	20
32	Estrogenicity of chemical mixtures revealed by a panel of bioassays. <i>Science of the Total Environment</i> , 2021, 785, 147284.	8.0	19
33	Transcriptional networks associated with the immune system are disrupted by organochlorine pesticides in largemouth bass (<i>Micropterus salmoides</i>) ovary. <i>Aquatic Toxicology</i> , 2016, 177, 405-416.	4.0	18
34	EFFECTS OF p-NONYLPHENOL, METHOXYCHLOR, AND ENDOSULFAN ON VITELLOGENIN INDUCTION AND EXPRESSION IN SHEEPSHEAD MINNOW (<i>CYPRINODON VARIEGATUS</i>). <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 336.	4.3	18
35	Chronic exposure to glyphosate in Florida manatee. <i>Environment International</i> , 2021, 152, 106493.	10.0	17
36	Effect of Water Temperature and Formulated Diets on Growth and Survival of Larval Paddlefish. <i>Transactions of the American Fisheries Society</i> , 1992, 121, 538-543.	1.4	16

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37	How consistent are we? Interlaboratory comparison study in fathead minnows using the model estrogen 17 β -estradiol to develop recommendations for environmental transcriptomics. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2614-2623.	4.3	16
38	Transcriptional signature of progesterone in the fathead minnow ovary (<i>Pimephales promelas</i>). <i>General and Comparative Endocrinology</i> , 2013, 192, 159-169.	1.8	15
39	Potential estrogenic effects of wastewaters on gene expression in <i>Pimephales promelas</i> and fish assemblages in streams of southeastern New York. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2803-2815.	4.3	15
40	Estrogen signaling through both membrane and nuclear receptors in the liver of fathead minnow. <i>General and Comparative Endocrinology</i> , 2018, 257, 50-66.	1.8	15
41	Toward an adverse outcome pathway for impaired growth: Mitochondrial dysfunction impairs growth in early life stages of the fathead minnow (<i>Pimephales promelas</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 209, 46-53.	2.6	13
42	Steroidogenic acute regulatory protein transcription is regulated by estrogen receptor signaling in largemouth bass ovary. <i>General and Comparative Endocrinology</i> , 2020, 286, 113300.	1.8	13
43	Control of Transcriptional Repression of the Vitellogenin Receptor Gene in Largemouth Bass (<i>Micropterus Salmoides</i>) by Select Estrogen Receptors Isotypes. <i>Toxicological Sciences</i> , 2014, 141, 423-431.	3.1	12
44	Cloning and expression of the translocator protein (18kDa), voltage-dependent anion channel, and diazepam binding inhibitor in the gonad of largemouth bass (<i>Micropterus salmoides</i>) across the reproductive cycle. <i>General and Comparative Endocrinology</i> , 2011, 173, 86-95.	1.8	10
45	Growth and Survival of Paddlefish Fry Raised in the Laboratory on Natural and Artificial Diets. <i>Progressive Fish-Culturist</i> , 1994, 56, 169-174.	0.6	9
46	Bioaccumulation of Legacy and Emerging Organochlorine Contaminants in <i>Lumbriculus variegatus</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 71, 60-69.	4.1	9
47	Activated carbon as a means of limiting bioaccumulation of organochlorine pesticides, triclosan, triclocarban, and fipronil from sediments rich in organic matter. <i>Chemosphere</i> , 2018, 197, 627-633.	8.2	9
48	Toxicity assessment of a novel oil dispersant based on silica nanoparticles using Fathead minnow. <i>Aquatic Toxicology</i> , 2020, 229, 105653.	4.0	8
49	Impact of bisphenol-A and synthetic estradiol on brain, behavior, gonads and sex hormones in a sexually labile coral reef fish. <i>Hormones and Behavior</i> , 2021, 136, 105043.	2.1	8
50	Endocrine, immune and renal toxicity in male largemouth bass after chronic exposure to glyphosate and Rodeo [®] . <i>Aquatic Toxicology</i> , 2022, 246, 106142.	4.0	8
51	Linking in vitro estrogenicity to adverse effects in the inland silverside (<i>Menidia beryllina</i>). <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 884-892.	4.3	7
52	Practical Euthanasia Method for Common Sea Stars (<i>Asterias rubens</i>) That Allows for High-Quality RNA Sampling. <i>Animals</i> , 2021, 11, 1847.	2.3	5
53	Characterization of Plasma Vitellogenin and Sex Hormone Concentrations during the Annual Reproductive Cycle of the Endangered Razorback Sucker. <i>North American Journal of Fisheries Management</i> , 2011, 31, 765-781.	1.0	2
54	Transcriptome and physiological effects of toxaphene on the liver-gonad reproductive axis in male and female largemouth bass (<i>Micropterus salmoides</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 36, 100746.	1.0	2

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55	Novel effective mosquito larvicide DL-methionine: Lack of toxicity to non-target aquatic organisms. <i>Ecotoxicology and Environmental Safety</i> , 2021, 213, 112013.	6.0	1