

Christopher J Martyniuk

List of Publications by Year in descending order

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267
papers

6,805
citations

71004

43
h-index

145109

60
g-index

270
all docs

270
docs citations

270
times ranked

7176
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor Necrosis Factor Alpha and the Gastrointestinal Epithelium: Implications for the Gut-Brain Axis and Hypertension. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 419-437.	1.7	5
2	A review of the underlying genetics and emerging therapies for canine cardiomyopathies. <i>Journal of Veterinary Cardiology</i> , 2022, 40, 2-14.	0.3	3
3	Emerging concepts and opportunities for endocrine disruptor screening of the non-EATS modalities. <i>Environmental Research</i> , 2022, 204, 111904.	3.7	25
4	A cross-species comparative approach to assessing multi- and transgenerational effects of endocrine disrupting chemicals. <i>Environmental Research</i> , 2022, 204, 112063.	3.7	27
5	Comparative analysis on the photolysis kinetics of four neonicotinoid pesticides and their photo-induced toxicity to <i>Vibrio Fischeri</i> : Pathway and toxic mechanism. <i>Chemosphere</i> , 2022, 287, 132303.	4.2	17
6	A comprehensive review of 1,2,4-triazole fungicide toxicity in zebrafish (<i>Danio rerio</i>): A mitochondrial and metabolic perspective. <i>Science of the Total Environment</i> , 2022, 809, 151177.	3.9	33
7	Assessing sub-lethal effects of the dinitroaniline herbicide pendimethalin in zebrafish embryos/larvae (<i>Danio rerio</i>). <i>Neurotoxicology and Teratology</i> , 2022, 89, 107051.	1.2	7
8	Towards regulation of Endocrine Disrupting chemicals (EDCs) in water resources using bioassays – A guide to developing a testing strategy. <i>Environmental Research</i> , 2022, 205, 112483.	3.7	30
9	Molecular and behavioral assessment in larval zebrafish (<i>Danio rerio</i>) following exposure to environmentally relevant levels of the antineoplastic cyclophosphamide. <i>Environmental Toxicology and Pharmacology</i> , 2022, 90, 103809.	2.0	8
10	Impacts of endocrine disrupting chemicals on reproduction in wildlife and humans. <i>Environmental Research</i> , 2022, 208, 112584.	3.7	84
11	Endocrine disruption by azole fungicides in fish: A review of the evidence. <i>Science of the Total Environment</i> , 2022, 822, 153412.	3.9	22
12	Aggravated toxicity of copper sulfide nanoparticles <i>via</i> hypochlorite-induced nanoparticle dissolution. <i>Environmental Science: Nano</i> , 2022, 9, 1439-1452.	2.2	6
13	Comparison of modes of action between fish, cell and mitochondrial toxicity based on toxicity correlation, excess toxicity and QSAR for class-based compounds. <i>Toxicology</i> , 2022, 470, 153155.	2.0	4
14	Developmental toxicity of fenbuconazole in zebrafish: Effects on mitochondrial respiration and locomotor behavior. <i>Toxicology</i> , 2022, 470, 153137.	2.0	13
15	Comparison of modes of toxic action between <i>Rana chensinensis</i> tadpoles and <i>Limnodrilus hoffmeisteri</i> worms based on interspecies correlation, excess toxicity and QSAR for class-based compounds. <i>Aquatic Toxicology</i> , 2022, 245, 106130.	1.9	1
16	Critical review of the toxicity mechanisms of bisphenol F in zebrafish (<i>Danio rerio</i>): Knowledge gaps and future directions. <i>Chemosphere</i> , 2022, 297, 134132.	4.2	13
17	Neurotoxic effects of synthetic phenolic antioxidants on dopaminergic, serotonergic, and GABAergic signaling in larval zebrafish (<i>Danio rerio</i>). <i>Science of the Total Environment</i> , 2022, 830, 154688.	3.9	16
18	Application of machine learning to predict the inhibitory activity of organic chemicals on thyroid stimulating hormone receptor. <i>Environmental Research</i> , 2022, 212, 113175.	3.7	5

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19	Decabromodiphenyl Ethane Mainly Affected the Muscle Contraction and Reproductive Endocrine System in Female Adult Zebrafish. <i>Environmental Science & Technology</i> , 2022, 56, 470-479.	4.6	27
20	Sex-specific omic responses in animal physiology and toxicology. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2022, 42, 100990.	0.4	0
21	Comparative toxicity of [C8mim]Br and [C8py]Br in early developmental stages of zebrafish (<i>Danio</i>) Tj ETQq1 1 0.784314 rgBT /Over <i>Pharmacology</i> , 2022, 92, 103864.	2.0	6
22	Sex-dependent host-microbiome dynamics in zebrafish: Implications for toxicology and gastrointestinal physiology. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2022, 42, 100993.	0.4	5
23	Developmental and behavioral toxicity assessment of glyphosate and its main metabolite aminomethylphosphonic acid (AMPA) in zebrafish embryos/larvae. <i>Environmental Toxicology and Pharmacology</i> , 2022, 93, 103873.	2.0	18
24	Investigating mitochondria-immune responses in zebrafish, <i>Danio rerio</i> (Hamilton, 1822): A case study with the herbicide dinoseb. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 257, 109357.	1.3	2
25	Neurotoxicity assessment of QoI strobilurin fungicides azoxystrobin and trifloxystrobin in human SH-SY5Y neuroblastoma cells: Insights from lipidomics and mitochondrial bioenergetics. <i>NeuroToxicology</i> , 2022, 91, 290-304.	1.4	7
26	Characterization of the GABAergic system in Asian clam <i>Corbicula fluminea</i> : Phylogenetic analysis, tissue distribution, and response to the aquatic contaminant carbamazepine. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 239, 108896.	1.3	5
27	Lipidomics reveals multiple stressor effects (temperature— mitochondrial toxicant) in the zebrafish embryo toxicity test. <i>Chemosphere</i> , 2021, 264, 128472.	4.2	8
28	Microbiome analysis and predicted relative metabolomic turnover suggest bacterial heme and selenium metabolism are altered in the gastrointestinal system of zebrafish (<i>Danio rerio</i>) exposed to the organochlorine dieldrin. <i>Environmental Pollution</i> , 2021, 268, 115715.	3.7	13
29	The agrochemical S-metolachlor disrupts molecular mediators and morphology of the swim bladder: Implications for locomotor activity in zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111641.	2.9	21
30	Evaluation and comparison of the mitochondrial and developmental toxicity of three strobilurins in zebrafish embryo/larvae. <i>Environmental Pollution</i> , 2021, 270, 116277.	3.7	19
31	Molecular and behavioral responses of zebrafish embryos/larvae after sertraline exposure. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111700.	2.9	26
32	Recent advances in comparative epigenetics. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 37, 100783.	0.4	0
33	Relative comparison of strobilurin fungicides at environmental levels: Focus on mitochondrial function and larval activity in early staged zebrafish (<i>Danio rerio</i>). <i>Toxicology</i> , 2021, 452, 152706.	2.0	19
34	Microbiome Composition and Function in Aquatic Vertebrates: Small Organisms Making Big Impacts on Aquatic Animal Health. <i>Frontiers in Microbiology</i> , 2021, 12, 567408.	1.5	107
35	A comprehensive review of strobilurin fungicide toxicity in aquatic species: Emphasis on mode of action from the zebrafish model. <i>Environmental Pollution</i> , 2021, 275, 116671.	3.7	51
36	Identification of active and inactive agonists/antagonists of estrogen receptor based on Tox21 10K compound library: Binomial analysis and structure alert. <i>Ecotoxicology and Environmental Safety</i> , 2021, 214, 112114.	2.9	6

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37	Mitochondria of teleost radial glia: A novel target of neuroendocrine disruption by environmental chemicals?. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 243, 108995.	1.3	0
38	Environmentally relevant concentrations of sertraline disrupts behavior and the brain and liver transcriptome of juvenile yellow catfish (<i>Tachysurus fulvidraco</i>): Implications for the feeding and growth axis. <i>Journal of Hazardous Materials</i> , 2021, 409, 124974.	6.5	13
39	In Parkinson's patient-derived dopamine neurons, the triplication of $\hat{1}\pm$ -synuclein locus induces distinctive firing pattern by impeding D2 receptor autoinhibition. <i>Acta Neuropathologica Communications</i> , 2021, 9, 107.	2.4	16
40	Current topics in omics, ecotoxicology, and environmental science. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 38, 100782.	0.4	2
41	Virtual Special Issue of the Fifth Biennial Meeting of the North American Society for Comparative Endocrinology (Sociedad Norteamericana de Endocrinología Comparada; Societ� Nord-Américaine) Tj ETQq1 1 @.784314 rgBT /Ov	0.784314	0
42	Developmental thyroid disruption causes long-term impacts on immune cell function and transcriptional responses to pathogen in a small fish model. <i>Scientific Reports</i> , 2021, 11, 14496.	1.6	4
43	Metabolic profiling in human SH-SY5Y neuronal cells exposed to perfluorooctanoic acid (PFOA). <i>NeuroToxicology</i> , 2021, 85, 160-172.	1.4	24
44	Fucoidan ameliorates acute and sub-chronic in vivo toxicity of the fungicide chlorothalonil in <i>Oreochromis niloticus</i> (Nile tilapia). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 245, 109035.	1.3	3
45	Mitochondrial and transcriptome responses in rat dopaminergic neuronal cells following exposure to the insecticide fipronil. <i>NeuroToxicology</i> , 2021, 85, 173-185.	1.4	9
46	Abstract MP39: Metabolic And Gene Expression Profiling Reveal Disparities In Absorption And Metabolism Of Butyrate And Lysine In The Colon Of Spontaneously Hypertensive Rodents. <i>Hypertension</i> , 2021, 78, .	1.3	0
47	Comprehensive Interrogation of Metabolic and Bioenergetic Responses of Early-Staged Zebrafish (<i>Danio rerio</i>) to a Commercial Copper Hydroxide Nanopesticide. <i>Environmental Science & Technology</i> , 2021, 55, 13033-13044.	4.6	7
48	Plastics in our water: Fish microbiomes at risk?. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 39, 100834.	0.4	6
49	Disease network data for the pesticide fipronil in rat dopamine cells. <i>Data in Brief</i> , 2021, 38, 107299.	0.5	0
50	Discrimination of active and inactive substances in cytotoxicity based on Tox21 10K compound library: Structure alert and mode of action. <i>Toxicology</i> , 2021, 462, 152948.	2.0	0
51	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.	1.0	8
52	Recent insights from comparative animal microbiomics. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 40, 100880.	0.4	1
53	Behavioral and hypothalamic transcriptome analyses reveal sex-specific responses to phenanthrene exposure in the fathead minnow (<i>Pimephales promelas</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 40, 100905.	0.4	1
54	Behavioral and developmental toxicity assessment of the strobilurin fungicide fenamidone in zebrafish embryos/larvae (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 112966.	2.9	12

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55	Exposure to acetochlor impairs swim bladder formation, induces heat shock protein expression, and promotes locomotor activity in zebrafish (<i>Danio rerio</i>) larvae. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 112978.	2.9	22
56	Twenty years of transcriptomics, 17 α -ethinylestradiol, and fish. <i>General and Comparative Endocrinology</i> , 2020, 286, 113325.	0.8	30
57	Steroidogenic acute regulatory protein transcription is regulated by estrogen receptor signaling in largemouth bass ovary. <i>General and Comparative Endocrinology</i> , 2020, 286, 113300.	0.8	13
58	Investigation into the sublethal effects of the triazole fungicide triticonazole in zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 113300.	2.1	22
59	Toxicity assessment of the herbicide acetochlor in the human liver carcinoma (HepG2) cell line. <i>Chemosphere</i> , 2020, 243, 125345.	4.2	40
60	The organochlorine pesticide toxaphene reduces non-mitochondrial respiration and induces heat shock protein 70 expression in early-staged zebrafish (<i>Danio rerio</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 228, 108669.	1.3	7
61	Butylated hydroxytoluene induces hyperactivity and alters dopamine-related gene expression in larval zebrafish (<i>Danio rerio</i>). <i>Environmental Pollution</i> , 2020, 257, 113624.	3.7	24
62	The pyrethroid esfenvalerate induces hypoactivity and decreases dopamine transporter expression in embryonic/larval zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2020, 243, 125416.	4.2	19
63	Residual molecular and behavioral effects of the phenylpyrazole pesticide fipronil in larval zebrafish (<i>Danio rerio</i>) following a pulse embryonic exposure. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 36, 100743.	0.4	8
64	Ecotoxicolipidomics: An emerging concept to understand chemical-metabolic relationships in comparative fish models. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 36, 100742.	0.4	17
65	Comparative epigenetics in animal physiology: An emerging frontier. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 36, 100745.	0.4	6
66	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.	0.4	2
67	Sub-lethal toxicity assessment of the phenylurea herbicide linuron in developing zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 113300.	1.2	20
68	Getting the most out of reductionist approaches in comparative biochemistry and physiology. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 250, 110483.	0.7	9
69	Perspectives on transcriptomics in animal physiology studies. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 250, 110490.	0.7	6
70	Are we forgetting the "proteomics" in multi-omics ecotoxicology?. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 36, 100751.	0.4	10
71	The effect of fucoidan or potassium permanganate on growth performance, intestinal pathology, and antioxidant status in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Fish Physiology and Biochemistry</i> , 2020, 46, 2109-2131.	0.9	19
72	Development and Molecular Investigation into the Effects of Carbamazepine Exposure in the Zebrafish (<i>Danio rerio</i>). <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8882.	1.2	15

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73	Transcriptome network data in larval zebrafish (<i>Danio rerio</i>) following exposure to the phenylpyrazole fipronil. <i>Data in Brief</i> , 2020, 33, 106413.	0.5	4
74	Gastrointestinal dysbiosis following diethylhexyl phthalate exposure in zebrafish (<i>Danio rerio</i>): Altered microbial diversity, functionality, and network connectivity. <i>Environmental Pollution</i> , 2020, 265, 114496.	3.7	28
75	Assessing the toxicity of the benzamide fungicide zoxamide in zebrafish (<i>Danio rerio</i>): Towards an adverse outcome pathway for beta-tubulin inhibitors. <i>Environmental Toxicology and Pharmacology</i> , 2020, 78, 103405.	2.0	17
76	Organ system effects: endocrine toxicology. , 2020, , 221-232.		0
77	Genetic ablation of bone marrow beta-adrenergic receptors in mice modulates miRNA-transcriptome networks of neuroinflammation in the paraventricular nucleus. <i>Physiological Genomics</i> , 2020, 52, 169-177.	1.0	9
78	Neurotoxicity assessment of triazole fungicides on mitochondrial oxidative respiration and lipids in differentiated human SH-SY5Y neuroblastoma cells. <i>NeuroToxicology</i> , 2020, 80, 76-86.	1.4	40
79	Morphometric and proteomic responses of early-life stage rainbow trout (<i>Oncorhynchus mykiss</i>) to the aquatic herbicide diquat dibromide. <i>Aquatic Toxicology</i> , 2020, 222, 105446.	1.9	15
80	Regulation of endocrine systems by the microbiome: Perspectives from comparative animal models. <i>General and Comparative Endocrinology</i> , 2020, 292, 113437.	0.8	46
81	Sodium arsenite toxicity on hematology indices and reproductive parameters in Teddy goat bucks and their amelioration with vitamin C. <i>Environmental Science and Pollution Research</i> , 2020, 27, 15223-15232.	2.7	13
82	Elucidating mechanisms of immunotoxicity by benzotriazole ultraviolet stabilizers in zebrafish (<i>Danio rerio</i>) Tj ETQq0 0 0,rgBT /Overlock 10 T	3.7	21
83	Organochlorine pesticides: Agrochemicals with potent endocrine-disrupting properties in fish. <i>Molecular and Cellular Endocrinology</i> , 2020, 507, 110764.	1.6	89
84	An in vivo brain-bacteria interface: the developing brain as a key regulator of innate immunity. <i>Npj Regenerative Medicine</i> , 2020, 5, 2.	2.5	7
85	Antineoplastic Agents: Environmental Prevalence and Adverse Outcomes in Aquatic Organisms. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 967-985.	2.2	38
86	Evaluation of Microbiome-Host Relationships in the Zebrafish Gastrointestinal System Reveals Adaptive Immunity Is a Target of Bis(2-ethylhexyl) Phthalate (DEHP) Exposure. <i>Environmental Science & Technology</i> , 2020, 54, 5719-5728.	4.6	46
87	Advancing the fathead minnow (<i>Pimephales promelas</i>) as a model for immunotoxicity testing: Characterization of the renal transcriptome following <i>Yersinia ruckeri</i> infection. <i>Fish and Shellfish Immunology</i> , 2020, 103, 472-480.	1.6	1
88	Hydrotalcite-based Ce/NiAl mixed oxides for SO ₂ adsorption and oxidation. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 3678-3688.	1.2	5
89	Parental exposure to azoxystrobin causes developmental effects and disrupts gene expression in F1 embryonic zebrafish (<i>Danio rerio</i>). <i>Science of the Total Environment</i> , 2019, 646, 595-605.	3.9	29
90	Single-walled carbon nanotubes repress viral-induced defense pathways through oxidative stress. <i>Nanotoxicology</i> , 2019, 13, 1176-1196.	1.6	13

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91	Profiling the rainbow trout hepatic miRNAome under diet-induced hyperglycemia. <i>Physiological Genomics</i> , 2019, 51, 411-431.	1.0	26
92	Transcriptome Profiling in Larval Fathead Minnow Exposed to Commercial Naphthenic Acids and Extracts from Fresh and Aged Oil Sands Process-Affected Water. <i>Environmental Science & Technology</i> , 2019, 53, 10435-10444.	4.6	17
93	The psychoactive cathinone derivative pyrovalerone alters locomotor activity and decreases dopamine receptor expression in zebrafish (<i>Danio rerio</i>). <i>Brain and Behavior</i> , 2019, 9, e01420.	1.0	11
94	Hepatic proteome network data in zebrafish (<i>Danio rerio</i>) liver following dieldrin exposure. <i>Data in Brief</i> , 2019, 25, 104351.	0.5	1
95	Transcriptome Analysis Reveals That Naphthenic Acids Perturb Gene Networks Related to Metabolic Processes, Membrane Integrity, and Gut Function in <i>Silurana (Xenopus) tropicalis</i> Embryos. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	9
96	The effects of acute and repeated methylenedioxypropylpyrovalerone (MDPV) administration on striatal transcriptome networks in male long evans rats. <i>Neuroscience Letters</i> , 2019, 712, 134499.	1.0	0
97	Carbamazepine disrupts molting hormone signaling and inhibits molting and growth of <i>Eriocheir sinensis</i> at environmentally relevant concentrations. <i>Aquatic Toxicology</i> , 2019, 208, 138-145.	1.9	30
98	Sub-lethal effects of the triazole fungicide propiconazole on zebrafish (<i>Danio rerio</i>) development, oxidative respiration, and larval locomotor activity. <i>Neurotoxicology and Teratology</i> , 2019, 74, 106809.	1.2	54
99	Comparative physiology and aquaculture: Toward Omics-enabled improvement of aquatic animal health and sustainable production. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 31, 100603.	0.4	7
100	Dichloroacetate-induced peripheral neuropathy. <i>International Review of Neurobiology</i> , 2019, 145, 211-238.	0.9	33
101	Zirconium Doped Hydrotalcite-based NiAl Mixed Oxidesâ€™ Enhanced Performance for Adsorption of SO ₂ and NO. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 490-497.	1.3	1
102	Social status regulates the hepatic miRNAome in rainbow trout: Implications for posttranscriptional regulation of metabolic pathways. <i>PLoS ONE</i> , 2019, 14, e0217978.	1.1	14
103	Label-free and iTRAQ proteomics analysis in the liver of zebrafish (<i>Danio rerio</i>) following dietary exposure to the organochlorine pesticide dieldrin. <i>Journal of Proteomics</i> , 2019, 202, 103362.	1.2	18
104	Linking Mitochondrial Dysfunction to Organismal and Population Health in the Context of Environmental Pollutants: Progress and Considerations for Mitochondrial Adverse Outcome Pathways. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1625-1634.	2.2	42
105	Special issue on aquaculture: New opportunities to address global food supply for comparative biochemistry and physiology. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 233, 1-3.	0.7	2
106	Regenerative Adaptation to Electrochemical Perturbation in Planaria: A Molecular Analysis of Physiological Plasticity. <i>iScience</i> , 2019, 22, 147-165.	1.9	19
107	Guest editorsâ€™ introduction â€“ Special issue of the fifth biennial meeting of the North American Society for Comparative Endocrinology (Sociedad Norteamericana de EndocrinologÃa Comparada); <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> 283. 113222.	0.8	0
108	Developmental toxicity of the triazole fungicide cyproconazole in embryo-larval stages of zebrafish (<i>Danio rerio</i>). <i>Environmental Science and Pollution Research</i> , 2019, 26, 4913-4923.	2.7	58

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109	Developmental neurotoxicity of maneb: Notochord defects, mitochondrial dysfunction and hypoactivity in zebrafish (<i>Danio rerio</i>) embryos and larvae. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 227-237.	2.9	39
110	Examining the responses of the zebrafish (<i>Danio rerio</i>) gastrointestinal system to the suspected obesogen diethylhexyl phthalate. <i>Environmental Pollution</i> , 2019, 245, 1086-1094.	3.7	18
111	Long-Term Exposure to Environmental Concentrations of Azoxystrobin Delays Sexual Development and Alters Reproduction in Zebrafish (<i>Danio rerio</i>). <i>Environmental Science & Technology</i> , 2019, 53, 1672-1679.	4.6	37
112	Computational in Vitro Toxicology Uncovers Chemical Structures Impairing Mitochondrial Membrane Potential. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 702-712.	2.5	25
113	Impaired butyrate absorption in the proximal colon, low serum butyrate and diminished central effects of butyrate on blood pressure in spontaneously hypertensive rats. <i>Acta Physiologica</i> , 2019, 226, e13256.	1.8	69
114	Biological effects of the benzotriazole ultraviolet stabilizers UV-234 and UV-320 in early-staged zebrafish (<i>Danio rerio</i>). <i>Environmental Pollution</i> , 2019, 245, 272-281.	3.7	66
115	Transcriptome analysis reveals benzotriazole ultraviolet stabilizers regulate networks related to inflammation in juvenile zebrafish (<i>Danio rerio</i>) brain. <i>Environmental Toxicology</i> , 2019, 34, 112-122.	2.1	20
116	Tebuconazole reduces basal oxidative respiration and promotes anxiolytic responses and hypoactivity in early-staged zebrafish (<i>Danio rerio</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 217, 87-97.	1.3	28
117	Developmental toxicity of the fungicide ziram in zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2019, 214, 303-313.	4.2	38
118	Hair follicle miRNAs: a novel biomarker for primary blast Induced-Mild traumatic brain injury. <i>Biomarkers</i> , 2019, 24, 166-179.	0.9	7
119	A review on hemato-biochemical, accumulation and patho-morphological responses of arsenic toxicity in ruminants. <i>Toxin Reviews</i> , 2019, 38, 176-186.	1.5	5
120	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.	1.3	13
121	Reprint of: Environmental toxicology and omics: A question of sex. <i>Journal of Proteomics</i> , 2018, , 103081-103081.	1.2	0
122	High-throughput assessment of oxidative respiration in fish embryos: Advancing adverse outcome pathways for mitochondrial dysfunction. <i>Aquatic Toxicology</i> , 2018, 199, 162-173.	1.9	54
123	Part A: Temporal and dose-dependent transcriptional responses in the liver of fathead minnows following short term exposure to the polycyclic aromatic hydrocarbon phenanthrene. <i>Aquatic Toxicology</i> , 2018, 199, 90-102.	1.9	15
124	Part B: Morphometric and transcriptomic responses to sub-chronic exposure to the polycyclic aromatic hydrocarbon phenanthrene in the fathead minnow (<i>Pimephales promelas</i>). <i>Aquatic Toxicology</i> , 2018, 199, 77-89.	1.9	21
125	Domperidone upregulates dopamine receptor expression and stimulates locomotor activity in larval zebrafish (<i>Danio rerio</i>). <i>Genes, Brain and Behavior</i> , 2018, 17, e12460.	1.1	25
126	Are we closer to the vision? A proposed framework for incorporating omics into environmental assessments. <i>Environmental Toxicology and Pharmacology</i> , 2018, 59, 87-93.	2.0	31

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127	Environmental toxicology and omics: A question of sex. <i>Journal of Proteomics</i> , 2018, 172, 152-164.	1.2	25
128	Paraquat affects mitochondrial bioenergetics, dopamine system expression, and locomotor activity in zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2018, 191, 106-117.	4.2	88
129	The bioelectric code: An ancient computational medium for dynamic control of growth and form. <i>BioSystems</i> , 2018, 164, 76-93.	0.9	139
130	Comprehensive assessment of shockwave intensity: Transcriptomic biomarker discovery for primary blast-induced mild traumatic brain injury using the mammalian hair follicle. <i>Brain Injury</i> , 2018, 32, 123-134.	0.6	6
131	Mitochondrial bioenergetics and locomotor activity are altered in zebrafish (<i>Danio rerio</i>) after exposure to the bipyridylium herbicide diquat. <i>Toxicology Letters</i> , 2018, 283, 13-20.	0.4	45
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261	The Effects of GABA Agonists on Glutamic Acid Decarboxylase, GABA-Transaminase, Activin, Salmon Gonadotrophin-Releasing Hormone and Tyrosine Hydroxylase mRNA in the Goldfish (<i>Carassius</i>) <i>TJ ETQq1 1 0.7843 142rgBT /Overlock</i>		
262	Glutamic acid decarboxylase 65, 67, and GABA-transaminase mRNA expression and total enzyme activity in the goldfish (<i>Carassius auratus</i>) brain. <i>Brain Research</i> , 2007, 1147, 154-166.	1.1	33
263	Early Evolution of Ionotropic GABA Receptors and Selective Regimes Acting on the Mammalian-Specific Theta and Epsilon Subunits. <i>PLoS ONE</i> , 2007, 2, e894.	1.1	18
264	Gene expression profiling in the neuroendocrine brain of male goldfish (<i>Carassius auratus</i>) exposed to 17 β -ethinylestradiol. <i>Physiological Genomics</i> , 2006, 27, 328-336.	1.0	76
265	GABAergic Modulation of the Expression of Genes Involved in GABA Synaptic Transmission and Stress in the Hypothalamus and Telencephalon of the Female Goldfish (<i>Carassius auratus</i>). <i>Journal of Neuroendocrinology</i> , 2005, 17, 269-275.	1.2	24
266	Sources, Fate and Effects of Engineered Nanomaterials in the Aquatic Environment. , 0, , 227-246.		1
267	Metabolomic and bioenergetic responses of human hepatocellular carcinoma cells following exposure to commercial copper hydroxide nanopesticide. <i>Environmental Science: Nano</i> , 0, , .	2.2	2