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List of articles citing

Toxicology mechanism of the persistent organic pollutants (POPs) in fish through AhR pathway

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Toxicology Mechanisms and Methods, 2010, 20, 279-86.

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#	Paper	IF	Citations
48	Persistent polar depletion of stratospheric ozone and emergent mechanisms of ultraviolet radiation-mediated health dysregulation. <i>Reviews on Environmental Health</i> , 2012 , 27, 103-16	3.8	12
47	The trouble with salmon: relating pollutant exposure to toxic effect in species with transformational life histories and lengthy migrations. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013 , 70, 1252-1264	2.4	17
46	Sulforaphane inhibits CYP1A1 activity and promotes genotoxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in vitro. <i>Toxicology and Applied Pharmacology</i> , 2013 , 269, 226-32	4.6	1
45	Neurotoxicity of neem commercial formulation (<i>Azadirachta indica</i> A. Juss) in adult zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology and Pharmacology</i> , 2013 , 36, 1276-82	5.8	16
44	Assessment of energetic costs of AhR activation by 6-phenanthroflavone in rainbow trout (<i>Oncorhynchus mykiss</i>) hepatocytes using metabolic flux analysis. <i>Toxicology and Applied Pharmacology</i> , 2013 , 271, 86-94	4.6	3
43	Molecular characterization of the aryl hydrocarbon receptor (AhR) pathway in goldfish (<i>Carassius auratus</i>) exposure to TCDD: the mRNA and protein levels. <i>Fish and Shellfish Immunology</i> , 2013 , 35, 469-74	4.3	11
42	The AhR twist: ligand-dependent AhR signaling and pharmaco-toxicological implications. <i>Drug Discovery Today</i> , 2013 , 18, 479-86	8.8	86
41	GFP transgenic medaka (<i>Oryzias latipes</i>) under the inducible <i>cyp1a</i> promoter provide a sensitive and convenient biological indicator for the presence of TCDD and other persistent organic chemicals. <i>PLoS ONE</i> , 2013 , 8, e64334	3.7	23
40	Detoxification. 2014 , 87-98		2
39	Bioaccumulation, biotransformation, and toxicity of BDE-47, 6-OH-BDE-47, and 6-MeO-BDE-47 in early life-stages of zebrafish (<i>Danio rerio</i>). <i>Environmental Science & Technology</i> , 2015 , 49, 1823-33	10.3	56
38	Sodium fluoride affects zebrafish behaviour and alters mRNA expressions of biomarker genes in the brain: Role of Nrf2/Keap1. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 40, 352-9	5.8	29
37	Effects of pharmaceuticals present in aquatic environment on Phase I metabolism in fish. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 40, 430-44	5.8	77
36	Sodium fluoride generates ROS and alters transcription of genes for xenobiotic metabolizing enzymes in adult zebrafish (<i>Danio rerio</i>) liver: expression pattern of Nrf2/Keap1 (INrf2). <i>Toxicology Mechanisms and Methods</i> , 2015 , 25, 364-73	3.6	28
35	Autism genes are selectively targeted by environmental pollutants including pesticides, heavy metals, bisphenol A, phthalates and many others in food, cosmetics or household products. <i>Neurochemistry International</i> , 2016 ,	4.4	55
34	Effects of diluted bitumen exposure on juvenile sockeye salmon: From cells to performance. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 354-360	3.8	39
33	Sex-dependent effects of subacute mercuric chloride exposure on histology, antioxidant status and immune-related gene expression in the liver of adult zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2017 , 188, 1-9	8.4	31
32	Simvastatin modulates gene expression of key receptors in zebrafish embryos. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017 , 80, 465-476	3.2	12

31	Transcriptional response in rainbow trout (<i>Oncorhynchus mykiss</i>) B cells and thrombocytes following in vivo exposure to benzo[a]pyrene. <i>Environmental Toxicology and Pharmacology</i> , 2017 , 53, 212-218	5.8	10
30	Expression of aryl hydrocarbon receptor-regulated genes and superoxide dismutase in the Antarctic eelpout <i>Pachycara brachycephalum</i> exposed to benzo[a]pyrene. <i>Environmental Toxicology and Chemistry</i> , 2018 , 37, 1487-1495	3.8	1
29	Hypersensitive assessment of aryl hydrocarbon receptor transcriptional activity using a novel truncated cyp1a promoter in zebrafish. <i>FASEB Journal</i> , 2018 , 32, 2814-2826	0.9	8
28	Transcriptional inhibition of TCDD-mediated induction of cytochrome P450 1A1 and alteration of protein expression in a zebrafish hepatic cell line following the administration of TCDD and Cd. <i>Toxicology Letters</i> , 2018 , 282, 121-135	4.4	9
27	Generation and application of a novel transgenic zebrafish line Tg(cyp1a:mCherry) as an in vivo assay to sensitively monitor PAHs and TCDD in the environment. <i>Journal of Hazardous Materials</i> , 2018 , 344, 723-732	12.8	18
26	Toxicity in Aquatic Environments: The Cocktail Effect. 2018 , 203-234		2
25	Health and environmental effects of persistent organic pollutants. <i>Journal of Molecular Liquids</i> , 2018 , 263, 442-453	6	284
24	Characterization of the Aryl Hydrocarbon Receptor (AhR) Pathway in and Mechanistic Exploration of the Reduced Sensitivity of AhR2a. <i>Environmental Science & Technology</i> , 2019 , 53, 12803-12811	10.3	3
23	Persistent Organic Pollutants in Food: Contamination Sources, Health Effects and Detection Methods. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	80
22	Application of magnetic composites for the removal of organic pollutants from wastewaters: a mini-review. <i>Materials Today: Proceedings</i> , 2019 , 19, 910-916	1.4	2
21	Self-protective transcriptional alterations in ZF4 cells exposed to Pb(NO ₃) ₂ and AgNO ₃ . <i>Journal of Biochemical and Molecular Toxicology</i> , 2019 , 33, e22408	3.4	5
20	Transcriptomic analysis of <i>Anabas testudineus</i> and its defensive mechanisms in response to persistent organic pollutants exposure. <i>Science of the Total Environment</i> , 2019 , 669, 621-630	10.2	8
19	Aryl hydrocarbon receptor ligands increase ABC transporter activity and protein expression in killifish (<i>Fundulus heteroclitus</i>) renal proximal tubules. <i>Biological Chemistry</i> , 2019 , 400, 1335-1345	4.5	7
18	Applicability of in vitro methods in evaluating the biotransformation of polycyclic aromatic hydrocarbons (PAHs) in fish: Advances and challenges. <i>Science of the Total Environment</i> , 2019 , 671, 685-695	10.2	17
17	Immunotoxicity of petroleum hydrocarbons and microplastics alone or in combination to a bivalve species: Synergic impacts and potential toxication mechanisms. <i>Science of the Total Environment</i> , 2020 , 728, 138852	10.2	21
16	The molecular mechanism of AhR-ARNT-XREs signaling pathway in the detoxification response induced by polycyclic aromatic hydrocarbons (PAHs) in clam <i>Ruditapes philippinarum</i> . <i>Environmental Research</i> , 2020 , 183, 109165	7.9	13
15	Effects of diluted bitumen exposure on Atlantic salmon smolts: Molecular and metabolic responses in relation to swimming performance. <i>Aquatic Toxicology</i> , 2020 , 221, 105423	5.1	5
14	Generation and application of a Tg(cyp1a:egfp) transgenic marine medaka (<i>Oryzias melastigma</i>) line as an in vivo assay to sensitively detect dioxin-like compounds in the environment. <i>Journal of Hazardous Materials</i> , 2020 , 391, 122192	12.8	8

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12 Plant Occurring Flavonoids as Modulators of the Aryl Hydrocarbon Receptor. *Molecules*, **2021**, 26, 4.8 11

11 Zebrafish as the toxicant screening model: Transgenic and omics approaches. *Aquatic Toxicology*, **2021**, 234, 105813 5.1 10

10 Autism genes are selectively targeted by environmental pollutants including pesticides, heavy metals, bisphenol A, phthalates and many others in food, cosmetics or household products. 0

9 Multiple Effects of Oil and Its Components in Fish. *Marine Biology*, **2014**, 3-34 3

8 Molecular characterization of the aryl hydrocarbon receptor 2 gene in black rockfish, *Sebastes schlegelii*, and its expression patterns upon exposure to benzo[a]pyrene, 2,3,7,8-tetrachlorodibenzo-p-dioxin, and 6aphthoflavone. *Journal of Applied Toxicology*, **2021**, 4.1

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5 Effects of microplastics and food particles on organic pollutants bioaccumulation in equi-fugacity and above-fugacity scenarios.. *Science of the Total Environment*, **2021**, 152548 10.2 1

4 A review on polycyclic aromatic hydrocarbons distribution in freshwater ecosystems and their toxicity to benthic fauna.. *Science of the Total Environment*, **2022**, 153282 10.2 2

3 Aryl hydrocarbon receptor agonist diuron and its metabolites cause reproductive disorders in male marine medaka (*Oryzias melastigma*). *Chemosphere*, **2022**, 305, 135388 8.4 0

2 Cinnabarinic acid provides hepatoprotection against non-alcoholic fatty liver disease. JPET-AR-2022-001301 1

1 Age matters: Comparing life-stage responses to diluted bitumen exposure in coho salmon (*Oncorhynchus kisutch*). **2022**, 253, 106350 0