Alicia R Timme-Laragy

List of Publications by Year
in descending order

49 papers	1,987 citations	218381 26 h-index	243296 44 g-index
52 all docs	52 docs citations	52 times ranked	2280 citing authors

#	Article	IF	Citations
1	The Role of the Aryl Hydrocarbon Receptor Pathway in Mediating Synergistic Developmental Toxicity of Polycyclic Aromatic Hydrocarbons to Zebrafish. Toxicological Sciences, 2006, 92, 526-536.	1.4	249
2	Antioxidant Responses and NRF2 in Synergistic Developmental Toxicity of PAHs in Zebrafish. Toxicological Sciences, 2009, 109, 217-227.	1.4	110
3	Glutathione redox dynamics and expression of glutathione-related genes in the developing embryo. Free Radical Biology and Medicine, 2013, 65, 89-101.	1.3	105
4	Zebrafish as a Model for Toxicological Perturbation of Yolk and Nutrition in the Early Embryo. Current Environmental Health Reports, 2018, 5, 125-133.	3.2	103
5	Synergistic induction of AHR regulated genes in developmental toxicity from co-exposure to two model PAHs in zebrafish. Aquatic Toxicology, 2007, 85, 241-250.	1.9	98
6	Nrf2b, Novel Zebrafish Paralog of Oxidant-responsive Transcription Factor NF-E2-related Factor 2 (NRF2). Journal of Biological Chemistry, 2012, 287, 4609-4627.	1.6	83
7	Developmental and behavioral effects of embryonic exposure to the polybrominated diphenylether mixture DE-71 in the killifish (Fundulus heteroclitus). Chemosphere, 2006, 62, 1097-1104.	4.2	80
8	Nrf2 and Nrf2-related proteins in development and developmental toxicity: Insights from studies in zebrafish (Danio rerio). Free Radical Biology and Medicine, 2015, 88, 275-289.	1.3	76
9	Embryonic exposures to perfluorooctanesulfonic acid (PFOS) disrupt pancreatic organogenesis in the zebrafish, Danio rerio. Environmental Pollution, 2017, 220, 807-817.	3.7	65
10	Fluoranthene, but not benzo[a]pyrene, interacts with hypoxia resulting in pericardial effusion and lordosis in developing zebrafish. Chemosphere, 2008, 74, 149-154.	4.2	59
11	The role of Nrf1 and Nrf2 in the regulation of glutathione and redox dynamics in the developing zebrafish embryo. Redox Biology, 2017, 13, 207-218.	3.9	58
12	Ahr2-dependence of PCB126 effects on the swim bladder in relation to expression of CYP1 and cox-2 genes in developing zebrafish. Toxicology and Applied Pharmacology, 2012, 265, 166-174.	1.3	53
13	Redox stress and signaling during vertebrate embryonic development: Regulation and responses. Seminars in Cell and Developmental Biology, 2018, 80, 17-28.	2.3	50
14	Per- and polyfluoroalkyl substances and obesity, type 2 diabetes and non-alcoholic fatty liver disease: a review of epidemiologic findings. Toxicological and Environmental Chemistry, 2020, 102, 1-36.	0.6	47
15	The Transcriptional Response to Oxidative Stress during Vertebrate Development: Effects of tert-Butylhydroquinone and 2,3,7,8-Tetrachlorodibenzo-p-Dioxin. PLoS ONE, 2014, 9, e113158.	1.1	46
16	Regulation of Ahr signaling by Nrf2 during development: Effects of Nrf2a deficiency on PCB126 embryotoxicity in zebrafish (Danio rerio). Aquatic Toxicology, 2015, 167, 157-171.	1.9	45
17	Perfluorobutanesulfonic Acid Disrupts Pancreatic Organogenesis and Regulation of Lipid Metabolism in the Zebrafish, Danio rerio. Toxicological Sciences, 2019, 167, 258-268.	1.4	45
18	Nrf2a modulates the embryonic antioxidant response to perfluorooctanesulfonic acid (PFOS) in the zebrafish, Danio rerio. Aquatic Toxicology, 2018, 198, 92-102.	1.9	41

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19	Developmental Expression of the Nfe2-Related Factor (Nrf) Transcription Factor Family in the Zebrafish, Danio rerio. PLoS ONE, 2013, 8, e79574.	1.1	40
20	Perfluorobutanesulfonic acid (PFBS) potentiates adipogenesis of 3T3-L1 adipocytes. Food and Chemical Toxicology, 2018, 120, 340-345.	1.8	38
21	Biological effects of 6-formylindolo[3,2-b]carbazole (FICZ) in vivo are enhanced by loss of CYP1A function in an Ahr2-dependent manner. Biochemical Pharmacology, 2016, 110-111, 117-129.	2.0	37
22	Embryonic exposure to Mono(2-ethylhexyl) phthalate (MEHP) disrupts pancreatic organogenesis in zebrafish (Danio rerio). Chemosphere, 2018, 195, 498-507.	4.2	35
23	Newspapers and Newspaper Ink Contain Agonists for the Ah Receptor. Toxicological Sciences, 2008, 102, 278-290.	1.4	34
24	Gene Knockdown by Morpholino-Modified Oligonucleotides in the Zebrafish (Danio rerio) Model: Applications for Developmental Toxicology. Methods in Molecular Biology, 2012, 889, 51-71.	0.4	34
25	Perfluorooctanesulfonic acid (PFOS) and perfluorobutanesulfonic acid (PFBS) impaired reproduction and altered offspring physiological functions in Caenorhabditis elegans. Food and Chemical Toxicology, 2020, 145, 111695.	1.8	30
26	Developmental exposures to perfluorooctanesulfonic acid (PFOS) impact embryonic nutrition, pancreatic morphology, and adiposity in the zebrafish, Danio rerio. Environmental Pollution, 2021, 275, 116644.	3.7	29
27	Chemical Characterization of a Legacy Aqueous Film-Forming Foam Sample and Developmental Toxicity in Zebrafish (Danio rerio). Environmental Health Perspectives, 2020, 128, 97006.	2.8	25
28	Differential sensitivity to pro-oxidant exposure in two populations of killifish (Fundulus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (he	1.1	24
29	Common Commercial and Consumer Products Contain Activators of the Aryl Hydrocarbon (Dioxin) Receptor. PLoS ONE, 2013, 8, e56860.	1.1	23
30	CYP1B1 knockdown does not alter synergistic developmental toxicity of polycyclic aromatic hydrocarbons in zebrafish (Danio rerio). Marine Environmental Research, 2008, 66, 85-87.	1.1	20
31	Deviant development of pancreatic beta cells from embryonic exposure to PCB-126 in zebrafish. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2015, 178, 25-32.	1.3	20
32	Pancreatic beta cells are a sensitive target of embryonic exposure to butylparaben in zebrafish (Danio rerio). Birth Defects Research, 2018, 110, 933-948.	0.8	20
33	Assessment of Toxicological Perturbations and Variants of Pancreatic Islet Development in the Zebrafish Model. Toxics, 2016, 4, 20.	1.6	18
34	Analysis of CpG methylation in the killifish CYP1A promoter. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2005, 141, 406-411.	1.3	17
35	The emerging contaminant 3,3â€²-dichlorobiphenyl (PCB-11) impedes Ahr activation and Cyp1a activity to modify embryotoxicity of Ahr ligands in the zebrafish embryo model (Danio rerio). Environmental Pollution, 2019, 254, 113027.	3.7	17
36	Applying evolutionary genetics to developmental toxicology and risk assessment. Reproductive Toxicology, 2017, 69, 174-186.	1.3	15

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37	Mapping glutathione utilization in the developing zebrafish (Danio rerio) embryo. Redox Biology, 2019, 26, 101235.	3.9	15
38	Embryonic exposures to mono-2-ethylhexyl phthalate induce larval steatosis in zebrafish independent of Nrf2a signaling. Journal of Developmental Origins of Health and Disease, 2021, 12, 132-140.	0.7	11
39	Maternal preconception PFOS exposure of Drosophila melanogaster alters reproductive capacity, development, morphology and nutrient regulation. Food and Chemical Toxicology, 2021, 151, 112153.	1.8	11
40	Modulation of PPAR signaling disrupts pancreas development in the zebrafish, Danio rerio. Toxicology and Applied Pharmacology, 2021, 426, 115653.	1.3	10
41	The sulfate metabolite of 3,3â€²-dichlorobiphenyl (PCB-11) impairs Cyp1a activity and increases hepatic neutral lipids in zebrafish larvae (Danio rerio). Chemosphere, 2020, 260, 127609.	4.2	8
42	Perfluorobutanesulfonic acid (PFBS) induces fat accumulation in HepG2 human hepatoma. Toxicological and Environmental Chemistry, 2020, 102, 585-606.	0.6	7
43	Modulating glutathione thiol status alters pancreatic Î²-cell morphogenesis in the developing zebrafish (Danio rerio) embryo. Redox Biology, 2021, 38, 101788.	3.9	7
44	Heavy Metal Exposure Leads to Rapid Changes in Cellular Biophysical Properties. ACS Biomaterials Science and Engineering, 2020, 6, 1965-1976.	2.6	6
45	Dibenzyl trisulfide binds to and competitively inhibits the cytochrome P450 1A1 active site without impacting the expression of the aryl hydrocarbon receptor. Toxicology and Applied Pharmacology, 2021, 419, 115502.	1.3	6
46	The Nrf2a pathway impacts zebrafish offspring development with maternal preconception exposure to perfluorobutanesulfonic acid. Chemosphere, 2022, 287, 132121.	4.2	6
47	Relationships between type 2 diabetes, cell dysfunction, and redox signaling: A metaâ€analysis of singleâ€cell gene expression of human pancreatic Î±â€•and Î²â€cells. Journal of Diabetes, 2022, 14, 34-51.	0.8	6
48	Using Monochlorobimane to Visualize Glutathione Utilization in the Developing Zebrafish (<i>Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.3	3
49	Nrf2a dependent and independent effects of early life exposure to 3,3â€™-dichlorobiphenyl (PCB-11) in zebrafish (Danio rerio). Aquatic Toxicology, 2022, 249, 106219.	1.9	2