

Kristine L Willett

List of Publications by Year in descending order

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48
papers

1,874
citations

201674

27
h-index

254184

43
g-index

48
all docs

48
docs citations

48
times ranked

2304
citing authors

#	ARTICLE	IF	CITATIONS
1	Multigenerational effects of benzo[a]pyrene exposure on survival and developmental deformities in zebrafish larvae. <i>Aquatic Toxicology</i> , 2014, 148, 16-26.	4.0	115
2	In Vivo and in Vitro Inhibition of CYP1A-Dependent Activity in <i>Fundulus heteroclitus</i> by the Polynuclear Aromatic Hydrocarbon Fluoranthene. <i>Toxicology and Applied Pharmacology</i> , 2001, 177, 264-271.	2.8	100
3	Benzo[a]pyrene decreases global and gene specific DNA methylation during zebrafish development. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 40-50.	4.0	96
4	Occurrence and distribution of steroids, hormones and selected pharmaceuticals in South Florida coastal environments. <i>Ecotoxicology</i> , 2010, 19, 338-350.	2.4	94
5	Evidence of Gender- and Tissue-Specific Promoter Methylation and the Potential for Ethinylestradiol-Induced Changes in Japanese Medaka (<i>Oryzias Latipes</i>) Estrogen Receptor and Aromatase Genes. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2004, 67, 1-22.	2.3	93
6	Inhibition of human cytochrome CYP1 enzymes by flavonoids of St. John's wort. <i>Toxicology</i> , 2006, 217, 194-205.	4.2	74
7	Inhibition of CYP1A1-Dependent Activity by the Polynuclear Aromatic Hydrocarbon (PAH) Fluoranthene. <i>Biochemical Pharmacology</i> , 1998, 55, 831-839.	4.4	67
8	Global and gene specific DNA methylation changes during zebrafish development. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2013, 166, 99-108.	1.6	67
9	CYP1C1 Messenger RNA Expression is Inducible by Benzo[a]pyrene in <i>Fundulus heteroclitus</i> Embryos and Adults. <i>Toxicological Sciences</i> , 2006, 93, 331-340.	3.1	64
10	Cytochrome P450-mediated 17 β -estradiol metabolism in zebrafish (<i>Danio rerio</i>). <i>Journal of Endocrinology</i> , 2010, 206, 317-325.	2.6	64
11	Functional differences in the cytochrome P450 1 family enzymes from Zebrafish (<i>Danio rerio</i>) using heterologously expressed proteins. <i>Archives of Biochemistry and Biophysics</i> , 2010, 502, 17-22.	3.0	63
12	Effect of CYP1A inhibition on the biotransformation of benzo[a]pyrene in two populations of <i>Fundulus heteroclitus</i> with different exposure histories. <i>Aquatic Toxicology</i> , 2009, 92, 195-201.	4.0	59
13	Effects of benzo(a)pyrene exposure on killifish (<i>Fundulus heteroclitus</i>) aromatase activities and mRNA. <i>Aquatic Toxicology</i> , 2006, 77, 267-278.	4.0	56
14	Workshop Overview: Hepatotoxicity Assessment for Botanical Dietary Supplements. <i>Toxicological Sciences</i> , 2004, 79, 4-9.	3.1	55
15	Comparative Metabolism and Excretion of Benzo(a)pyrene in 2 Species of Ictalurid Catfish. <i>Toxicological Sciences</i> , 2000, 58, 68-76.	3.1	51
16	Simultaneous determination of benzo[a]pyrene and eight of its metabolites in <i>Fundulus heteroclitus</i> bile using ultra-performance liquid chromatography with mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 863, 141-149.	2.3	49
17	Comparative Chronic Liver Toxicity of Benzo[<i>a</i>]pyrene in Two Populations of the Atlantic Killifish (<i>Fundulus heteroclitus</i>) with Different Exposure Histories. <i>Environmental Health Perspectives</i> , 2010, 118, 1376-1381.	6.0	48
18	Benzo(a)pyrene decreases brain and ovarian aromatase mRNA expression in <i>Fundulus heteroclitus</i> . <i>Aquatic Toxicology</i> , 2008, 88, 289-300.	4.0	47

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19	Developmental Effects of Cannabidiol and δ^9 -Tetrahydrocannabinol in Zebrafish. <i>Toxicological Sciences</i> , 2018, 162, 137-145.	3.1	44
20	BIOMARKER SENSITIVITY FOR POLYNUCLEAR AROMATIC HYDROCARBON CONTAMINATION IN TWO MARINE FISH SPECIES COLLECTED IN GALVESTON BAY, TEXAS. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 1472.	4.3	42
21	Benzo[a]pyrene Effects on Reproductive Endpoints in <i>Fundulus heteroclitus</i> . <i>Toxicological Sciences</i> , 2014, 140, 73-82.	3.1	41
22	Expression of CYP1C1 and CYP1A in <i>Fundulus heteroclitus</i> during PAH-induced carcinogenesis. <i>Aquatic Toxicology</i> , 2010, 99, 439-447.	4.0	37
23	Transcriptomic Changes in Zebrafish Embryos and Larvae Following Benzo[a]pyrene Exposure. <i>Toxicological Sciences</i> , 2015, 146, 395-411.	3.1	37
24	Differential protein expression of peroxiredoxin I and II by benzo(a)pyrene and quercetin treatment in 22Rv1 and PrEC prostate cell lines. <i>Toxicology and Applied Pharmacology</i> , 2007, 220, 197-210.	2.8	35
25	Local expression of CYP19A1 and CYP19A2 in developing and adult killifish (<i>Fundulus heteroclitus</i>). <i>General and Comparative Endocrinology</i> , 2008, 155, 307-317.	1.8	34
26	Gill Histopathologies Following Exposure to Nanosilver or Silver Nitrate. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 301-315.	2.3	33
27	Developmental exposure to cannabidiol (CBD) alters longevity and health span of zebrafish (<i>Danio</i>) Tj ETQq1 1 0.784314 rgBT /Overlo 4.6 30	4.6	30
28	In vivo and in vitro CYP1B mRNA expression in channel catfish. <i>Marine Environmental Research</i> , 2006, 62, S332-S336.	2.5	28
29	Mechanistic Evaluation of Benzo[a]pyrene's Developmental Toxicities Mediated by Reduced Cyp19a1b Activity. <i>Toxicological Sciences</i> , 2017, 155, 135-147.	3.1	27
30	Microsomal estrogen metabolism in channel catfish. <i>Marine Environmental Research</i> , 2004, 58, 489-494.	2.5	25
31	Multigenerational consequences of early-life cannabinoid exposure in zebrafish. <i>Toxicology and Applied Pharmacology</i> , 2019, 364, 133-143.	2.8	25
32	Cannabis constituents reduce seizure behavior in chemically-induced and scn1a-mutant zebrafish. <i>Epilepsy and Behavior</i> , 2020, 110, 107152.	1.7	24
33	Benzo[a]pyrene effects on glycine N-methyltransferase mRNA expression and enzyme activity in <i>Fundulus heteroclitus</i> embryos. <i>Aquatic Toxicology</i> , 2010, 98, 130-138.	4.0	22
34	Mercury concentrations in fish from three major lakes in north Mississippi: Spatial and temporal differences and human health risk assessment. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 894-904.	2.3	18
35	No detectable DNA excision repair in UV-exposed hepatocytes from two catfish species. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2001, 128, 349-358.	2.6	15
36	Determination of total and partially extractable solid-bound element concentrations using collision/reaction cell inductively coupled plasma-mass spectrometry and their significance in environmental studies. <i>Environmental Monitoring and Assessment</i> , 2011, 172, 51-66.	2.7	14

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37	Assessing the exposure to nanosilver and silver nitrate on fathead minnow gill gene expression and mucus production. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2015, 4, 58-66.	2.9	14
38	Developmental exposure to δ^9 -tetrahydrocannabinol (THC) causes biphasic effects on longevity, inflammation, and reproduction in aged zebrafish (<i>Danio rerio</i>). <i>GeroScience</i> , 2020, 42, 923-936.	4.6	12
39	Benzo(a)pyrene induced glycine N-methyltransferase messenger RNA expression in <i>Fundulus heteroclitus</i> embryos. <i>Marine Environmental Research</i> , 2010, 69, S74-S76.	2.5	11
40	Alteration in <i>Pimephales promelas</i> mucus production after exposure to nanosilver or silver nitrate. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2869-2872.	4.3	10
41	Combined and independent effects of hypoxia and tributyltin on mRNA expression and physiology of the Eastern oyster (<i>Crassostrea virginica</i>). <i>Scientific Reports</i> , 2020, 10, 10605.	3.3	7
42	Naphthoflavone propargyl ether inhibitors of cytochrome P450. <i>Journal of Chemical Crystallography</i> , 2006, 36, 289-296.	1.1	6
43	Trace element concentrations in surface estuarine and marine sediments along the Mississippi Gulf Coast following Hurricane Katrina. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 1107-1119.	2.7	6
44	Use of bioassays and sediment polycyclic aromatic hydrocarbon concentrations to assess toxicity at coastal sites impacted by Hurricane Katrina. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1409-1418.	4.3	5
45	ToxPoint: Toxicology Studies on δ^9 -tetrahydrocannabinol and Cannabidiol-containing Products Available to Consumers Are Lacking. <i>Toxicological Sciences</i> , 2020, 178, 1-2.	3.1	5
46	Transcriptomic Changes and the Roles of Cannabinoid Receptors and PPAR δ in Developmental Toxicities Following Exposure to δ^9 -Tetrahydrocannabinol and Cannabidiol. <i>Toxicological Sciences</i> , 2021, 182, 44-59.	3.1	4
47	Two-stage bile preparation with acetone for recovery of fluorescent aromatic compounds (FACs). <i>Journal of Hazardous Materials</i> , 2012, 223-224, 84-93.	12.4	1
48	CANNABINOID CONUNDRUM:: A STUDY OF MARIJUANA AND HEMP LEGALITY IN THE UNITED STATES. <i>Arizona Journal of Environmental Law & Policy</i> , 2019, 10, 132-150.	0.0	0