Kristine L Willett

List of Publications by Year
in descending order

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	Transcriptomic Changes and the Roles of Cannabinoid Receptors and PPARÎ³ in Developmental Toxicities Following Exposure to Î”9-Tetrahydrocannabinol and Cannabidiol. Toxicological Sciences, 2021, 182, 44-59.	3.1	4
2	ToxPoint: Toxicology Studies on Î”9-tetrahydrocannabinol and Cannabidiol-containing Products Available to Consumers Are Lacking. Toxicological Sciences, 2020, 178, 1-2.	3.1	5
3	Developmental exposure to cannabidiol (CBD) alters longevity and health span of zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Overlo	4.6	30
4	Developmental exposure to Î”9-tetrahydrocannabinol (THC) causes biphasic effects on longevity, inflammation, and reproduction in aged zebrafish (Danio rerio). GeroScience, 2020, 42, 923-936.	4.6	12
5	Combined and independent effects of hypoxia and tributyltin on mRNA expression and physiology of the Eastern oyster (Crassostrea virginica). Scientific Reports, 2020, 10, 10605.	3.3	7
6	Cannabis constituents reduce seizure behavior in chemically-induced and scn1a-mutant zebrafish. Epilepsy and Behavior, 2020, 110, 107152.	1.7	24
7	Multigenerational consequences of early-life cannabinoid exposure in zebrafish. Toxicology and Applied Pharmacology, 2019, 364, 133-143.	2.8	25
8	CANNABINOID CONUNDRUM:: A STUDY OF MARIJUANA AND HEMP LEGALITY IN THE UNITED STATES. Arizona Journal of Environmental Law & Policy, 2019, 10, 132-150.	0.0	0
9	Developmental Effects of Cannabidiol and Î”9-Tetrahydrocannabinol in Zebrafish. Toxicological Sciences, 2018, 162, 137-145.	3.1	44
10	Mechanistic Evaluation of Benzo[a]pyreneâ€™s Developmental Toxicities Mediated by Reduced Cyp19a1b Activity. Toxicological Sciences, 2017, 155, 135-147.	3.1	27
11	Mercury concentrations in fish from three major lakes in north Mississippi: Spatial and temporal differences and human health risk assessment. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2016, 79, 894-904.	2.3	18
12	Transcriptomic Changes in Zebrafish Embryos and Larvae Following Benzo[a]pyrene Exposure. Toxicological Sciences, 2015, 146, 395-411.	3.1	37
13	Assessing the exposure to nanosilver and silver nitrate on fathead minnow gill gene expression and mucus production. Environmental Nanotechnology, Monitoring and Management, 2015, 4, 58-66.	2.9	14
14	Gill Histopathologies Following Exposure to Nanosilver or Silver Nitrate. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 301-315.	2.3	33
15	Alteration in <i>Pimephales promelas</i> mucus production after exposure to nanosilver or silver nitrate. Environmental Toxicology and Chemistry, 2014, 33, 2869-2872.	4.3	10
16	Benzo[a]pyrene Effects on Reproductive Endpoints in Fundulus heteroclitus. Toxicological Sciences, 2014, 140, 73-82.	3.1	41
17	Multigenerational effects of benzo[a]pyrene exposure on survival and developmental deformities in zebrafish larvae. Aquatic Toxicology, 2014, 148, 16-26.	4.0	115
18	Benzo[a]pyrene decreases global and gene specific DNA methylation during zebrafish development. Environmental Toxicology and Pharmacology, 2013, 36, 40-50.	4.0	96

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19	Global and gene specific DNA methylation changes during zebrafish development. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2013, 166, 99-108.	1.6	67
20	Two-stage bile preparation with acetone for recovery of fluorescent aromatic compounds (FACs). Journal of Hazardous Materials, 2012, 223-224, 84-93.	12.4	1
21	Trace element concentrations in surface estuarine and marine sediments along the Mississippi Gulf Coast following Hurricane Katrina. Environmental Monitoring and Assessment, 2012, 184, 1107-1119.	2.7	6
22	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. Environmental Monitoring and Assessment, 2011, 172, 51-66.	2.7	14
23	Occurrence and distribution of steroids, hormones and selected pharmaceuticals in South Florida coastal environments. Ecotoxicology, 2010, 19, 338-350.	2.4	94
24	Use of bioassays and sediment polycyclic aromatic hydrocarbon concentrations to assess toxicity at coastal sites impacted by Hurricane Katrina. Environmental Toxicology and Chemistry, 2010, 29, 1409-1418.	4.3	5
25	Cytochrome P450-mediated 17Î²-estradiol metabolism in zebrafish (Danio rerio). Journal of Endocrinology, 2010, 206, 317-325.	2.6	64
26	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. Environmental Health Perspectives, 2010, 118, 1376-1381.	6.0	48
27	Benzo(a)pyrene induced glycine N-methyltransferase messenger RNA expression in Fundulus heteroclitus embryos. Marine Environmental Research, 2010, 69, S74-S76.	2.5	11
28	Functional differences in the cytochrome P450 1 family enzymes from Zebrafish (Danio rerio) using heterologously expressed proteins. Archives of Biochemistry and Biophysics, 2010, 502, 17-22.	3.0	63
29	Benzo[a]pyrene effects on glycine N-methyltransferase mRNA expression and enzyme activity in Fundulus heteroclitus embryos. Aquatic Toxicology, 2010, 98, 130-138.	4.0	22
30	Expression of CYP1C1 and CYP1A in Fundulus heteroclitus during PAH-induced carcinogenesis. Aquatic Toxicology, 2010, 99, 439-447.	4.0	37
31	Effect of CYP1A inhibition on the biotransformation of benzo[a]pyrene in two populations of Fundulus heteroclitus with different exposure histories. Aquatic Toxicology, 2009, 92, 195-201.	4.0	59
32	Simultaneous determination of benzo[a]pyrene and eight of its metabolites in Fundulus heteroclitus bile using ultra-performance liquid chromatography with mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 863, 141-149.	2.3	49
33	Local expression of CYP19A1 and CYP19A2 in developing and adult killifish (Fundulus heteroclitus). General and Comparative Endocrinology, 2008, 155, 307-317.	1.8	34
34	Benzo(a)pyrene decreases brain and ovarian aromatase mRNA expression in Fundulus heteroclitus. Aquatic Toxicology, 2008, 88, 289-300.	4.0	47
35	Differential protein expression of peroxiredoxin I and II by benzo(a)pyrene and quercetin treatment in 22Rv1 and PrEC prostate cell lines. Toxicology and Applied Pharmacology, 2007, 220, 197-210.	2.8	35
36	Effects of benzo(a)pyrene exposure on killifish (Fundulus heteroclitus) aromatase activities and mRNA. Aquatic Toxicology, 2006, 77, 267-278.	4.0	56

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37	In vivo and in vitro CYP1B mRNA expression in channel catfish. Marine Environmental Research, 2006, 62, S332-S336.	2.5	28
38	Naphthoflavone propargyl ether inhibitors of cytochrome P450. Journal of Chemical Crystallography, 2006, 36, 289-296.	1.1	6
39	Inhibition of human cytochrome CYP1 enzymes by flavonoids of St. John's wort. Toxicology, 2006, 217, 194-205.	4.2	74
40	CYP1C1 Messenger RNA Expression is Inducible by Benzo[a]pyrene in Fundulus heteroclitus Embryos and Adults. Toxicological Sciences, 2006, 93, 331-340.	3.1	64
41	Workshop Overview: Hepatotoxicity Assessment for Botanical Dietary Supplements. Toxicological Sciences, 2004, 79, 4-9.	3.1	55
42	Microsomal estrogen metabolism in channel catfish. Marine Environmental Research, 2004, 58, 489-494.	2.5	25
43	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. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2004, 67, 1-22.	2.3	93
44	No detectable DNA excision repair in UV-exposed hepatocytes from two catfish species. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2001, 128, 349-358.	2.6	15
45	In Vivo and in Vitro Inhibition of CYP1A-Dependent Activity in Fundulus heteroclitus by the Polynuclear Aromatic Hydrocarbon Fluoranthene. Toxicology and Applied Pharmacology, 2001, 177, 264-271.	2.8	100
46	Comparative Metabolism and Excretion of Benzo(a)pyrene in 2 Species of Ictalurid Catfish. Toxicological Sciences, 2000, 58, 68-76.	3.1	51
47	Inhibition of CYP1A1-Dependent Activity by the Polynuclear Aromatic Hydrocarbon (PAH) Fluoranthene. Biochemical Pharmacology, 1998, 55, 831-839.	4.4	67
48	BIOMARKER SENSITIVITY FOR POLYNUCLEAR AROMATIC HYDROCARBON CONTAMINATION IN TWO MARINE FISH SPECIES COLLECTED IN GALVESTON BAY, TEXAS. Environmental Toxicology and Chemistry, 1997, 16, 1472.	4.3	42