

Wei Liu

List of Publications by Year in descending order

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63
papers

2,646
citations

136885

32
h-index

189801

50
g-index

64
all docs

64
docs citations

64
times ranked

3031
citing authors

#	ARTICLE	IF	CITATIONS
1	PFOS and PFOA in environmental and tap water in China. <i>Chemosphere</i> , 2009, 77, 605-611.	4.2	183
2	Effects of perfluorooctane sulfonate on rat thyroid hormone biosynthesis and metabolism. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 990-996.	2.2	152
3	Serum Polyfluoroalkyl Concentrations, Asthma Outcomes, and Immunological Markers in a Caseâ€“Control Study of Taiwanese Children. <i>Environmental Health Perspectives</i> , 2013, 121, 507-513.	2.8	148
4	Perfluorinated Compounds in the Environment and the Blood of Residents Living near Fluorochemical Plants in Fuxin, China. <i>Environmental Science & Technology</i> , 2011, 45, 8075-8080.	4.6	137
5	Perfluorinated compounds in urban river sediments from Guangzhou and Shanghai of China. <i>Chemosphere</i> , 2010, 80, 123-130.	4.2	119
6	Chronic effects of perfluorooctanesulfonate exposure on immunotoxicity in adult male C57BL/6 mice. <i>Archives of Toxicology</i> , 2009, 83, 805-815.	1.9	115
7	Characterisation of acute toxicity, genotoxicity and oxidative stress posed by textile effluent on zebrafish. <i>Journal of Environmental Sciences</i> , 2012, 24, 2019-2027.	3.2	95
8	Perfluorinated compounds in sediments from the Daliao River system of northeast China. <i>Chemosphere</i> , 2009, 77, 652-657.	4.2	85
9	Prenatal and Postnatal Impact of Perfluorooctane Sulfonate (PFOS) on Rat Development: A Cross-Foster Study on Chemical Burden and Thyroid Hormone System. <i>Environmental Science & Technology</i> , 2009, 43, 8416-8422.	4.6	82
10	Toxic effect of serial perfluorosulfonic and perfluorocarboxylic acids on the membrane system of a freshwater alga measured by flow cytometry. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1597-1604.	2.2	72
11	Transcriptional Effects of Prenatal and Neonatal Exposure to PFOS in Developing Rat Brain. <i>Environmental Science & Technology</i> , 2010, 44, 1847-1853.	4.6	58
12	Perfluorosulfonates and perfluorocarboxylates in snow and rain in Dalian, China. <i>Environment International</i> , 2009, 35, 737-742.	4.8	57
13	Possible mechanism of perfluorooctane sulfonate and perfluorooctanoate on the release of calcium ion from calcium stores in primary cultures of rat hippocampal neurons. <i>Toxicology in Vitro</i> , 2011, 25, 1294-1301.	1.1	55
14	Effects of developmental perfluorooctane sulfonate exposure on spatial learning and memory ability of rats and mechanism associated with synaptic plasticity. <i>Food and Chemical Toxicology</i> , 2015, 76, 70-76.	1.8	54
15	Human Nails Analysis as Biomarker of Exposure to Perfluoroalkyl Compounds. <i>Environmental Science & Technology</i> , 2011, 45, 8144-8150.	4.6	52
16	Effect of exposure to volatile organic compounds (VOCs) on airway inflammatory response in mice. <i>Journal of Toxicological Sciences</i> , 2012, 37, 739-748.	0.7	52
17	Evaluation of the detoxification efficiencies of coking wastewater treated by combined anaerobic-anoxic-oxic (A 2 O) and advanced oxidation process. <i>Journal of Hazardous Materials</i> , 2017, 338, 186-193.	6.5	52
18	Global Liver Proteome Analysis Using iTRAQ Labeling Quantitative Proteomic Technology to Reveal Biomarkers in Mice Exposed to Perfluorooctane Sulfonate (PFOS). <i>Environmental Science & Technology</i> , 2012, 46, 12170-12177.	4.6	51

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19	Atmospheric chlorinated polyfluorinated ether sulfonate and ionic perfluoroalkyl acids in 2006 to 2014 in Dalian, China. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2581-2586.	2.2	51
20	Neurotoxicity of perfluorooctane sulfonate (PFOS) in rats and mice after single oral exposure. <i>Journal of Toxicological Sciences</i> , 2009, 34, 569-574.	0.7	49
21	Effect of gestational and lactational exposure to perfluorooctanesulfonate on calcium-dependent signaling molecules gene expression in rats's hippocampus. <i>Archives of Toxicology</i> , 2010, 84, 71-79.	1.9	48
22	Bioaccumulation and effects of novel chlorinated polyfluorinated ether sulfonate in freshwater alga <i>Scenedesmus obliquus</i> . <i>Environmental Pollution</i> , 2018, 233, 8-15.	3.7	46
23	Oxidative damage and genotoxic effect in mice caused by sub-chronic exposure to low-dose volatile organic compounds. <i>Inhalation Toxicology</i> , 2013, 25, 235-242.	0.8	45
24	Interaction of PFOS and BDE-47 Co-exposure on Thyroid Hormone Levels and TH-Related Gene and Protein Expression in Developing Rat Brains. <i>Toxicological Sciences</i> , 2011, 121, 279-291.	1.4	43
25	Effects of subchronic perfluorooctane sulfonate exposure of rats on calcium-dependent signaling molecules in the brain tissue. <i>Archives of Toxicology</i> , 2010, 84, 471-479.	1.9	42
26	Neurotoxic effects of perfluoroalkyl acids: Neurobehavioral deficit and its molecular mechanism. <i>Toxicology Letters</i> , 2019, 305, 65-72.	0.4	41
27	A comparative study on oxidative damage and distributions of perfluorooctane sulfonate (PFOS) in mice at different postnatal developmental stages. <i>Journal of Toxicological Sciences</i> , 2009, 34, 245-254.	0.7	38
28	Effect of perfluorooctane sulfonate on toxicity and cell uptake of other compounds with different hydrophobicity in green alga. <i>Chemosphere</i> , 2009, 75, 405-409.	4.2	37
29	Perfluorooctane sulfonate increased hepatic expression of OAPT2 and MRP2 in rats. <i>Archives of Toxicology</i> , 2011, 85, 613-621.	1.9	37
30	Effects of subchronic exposure to low-dose volatile organic compounds on lung inflammation in mice. <i>Environmental Toxicology</i> , 2014, 29, 1089-1097.	2.1	35
31	Effects of perfluorooctane sulfonate and its alternatives on long-term potentiation in the hippocampus CA1 region of adult rats in vivo. <i>Toxicology Research</i> , 2016, 5, 539-546.	0.9	35
32	DEHP exposure in utero disturbs sex determination and is potentially linked with precocious puberty in female mice. <i>Toxicology and Applied Pharmacology</i> , 2016, 307, 123-129.	1.3	33
33	Perfluorooctanoic acid (PFOA) but not perfluorooctane sulfonate (PFOS) showed DNA damage in comet assay on <i>Paramecium caudatum</i> . <i>Journal of Toxicological Sciences</i> , 2010, 35, 835-841.	0.7	29
34	Prenatal and Neonatal Exposure to Perfluorooctane Sulfonic Acid Results in Changes in miRNA Expression Profiles and Synapse Associated Proteins in Developing Rat Brains. <i>Environmental Science & Technology</i> , 2012, 46, 6822-6829.	4.6	29
35	Evaluation of removal efficiency for acute toxicity and genotoxicity on zebrafish in anoxic process from selected municipal wastewater treatment plants. <i>Chemosphere</i> , 2013, 90, 2662-2666.	4.2	28
36	Prenatal and neonatal exposure to perfluorooctane sulfonic acid results in aberrant changes in miRNA expression profile and levels in developing rat livers. <i>Environmental Toxicology</i> , 2015, 30, 712-723.	2.1	28

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37	Potential mechanisms of neurobehavioral disturbances in mice caused by sub-chronic exposure to low-dose VOCs. <i>Inhalation Toxicology</i> , 2014, 26, 250-258.	0.8	26
38	Modulation of microrna expression by volatile organic compounds in mouse lung. <i>Environmental Toxicology</i> , 2014, 29, 679-689.	2.1	25
39	Di (2-ethylhexyl) phthalate exposure during pregnancy disturbs temporal sex determination regulation in mice offspring. <i>Toxicology</i> , 2015, 336, 10-16.	2.0	24
40	Di(2-Ethylhexyl) Phthalate Exposure <i>in Utero</i> Damages Sertoli Cell Differentiation Via Disturbance of Sex Determination Pathway in Fetal and Postnatal Mice. <i>Toxicological Sciences</i> , 2016, 152, 53-61.	1.4	20
41	Toxicokinetics and persistent thyroid hormone disrupting effects of chronic developmental exposure to chlorinated polyfluorinated ether sulfonate in Chinese rare minnow. <i>Environmental Pollution</i> , 2020, 263, 114491.	3.7	19
42	Serum levels of perfluorinated compounds in the general population in Shenzhen, China. <i>Science Bulletin</i> , 2011, 56, 3092-3099.	1.7	18
43	Developmental perfluorooctane sulfonate exposure results in tau hyperphosphorylation and β 2-amyloid aggregation in adults rats: Incidence for link to Alzheimer's disease. <i>Toxicology</i> , 2016, 347-349, 40-46.	2.0	18
44	Effects of tamoxifen on the sex determination gene and the activation of sex reversal in the developing gonad of mice. <i>Toxicology</i> , 2014, 321, 89-95.	2.0	17
45	Low concentrations of perfluorooctane sulfonate repress osteogenic and enhance adipogenic differentiation of human mesenchymal stem cells. <i>Toxicology and Applied Pharmacology</i> , 2019, 367, 82-91.	1.3	16
46	Occurrence of perfluoroalkyl acids in precipitation from Shenyang, China. <i>Science Bulletin</i> , 2009, 54, 2440-2445.	1.7	15
47	Uptake of perfluoroalkyl acids in the leaves of coniferous and deciduous broad-leaved trees. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1499-1504.	2.2	15
48	Acute toxicity reduction and toxicity identification in pigment-contaminated wastewater during anaerobic-anoxic-oxic (A/A/O) treatment process. <i>Chemosphere</i> , 2017, 168, 1285-1292.	4.2	14
49	Perfluorooctane sulfonate induces apoptosis of hippocampal neurons in rat offspring associated with calcium overload. <i>Toxicology Research</i> , 2015, 4, 931-938.	0.9	12
50	Distribution of perfluoroalkyl compounds in rats: Indication for using hair as bioindicator of exposure. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 632-638.	1.8	12
51	Developmental perfluorooctane sulfonate exposure inhibits long-term potentiation by affecting AMPA receptor trafficking. <i>Toxicology</i> , 2019, 412, 55-62.	2.0	10
52	Tissue toxicokinetics of perfluoro compounds with single and chronic low doses in male rats. <i>Journal of Toxicological Sciences</i> , 2017, 42, 301-317.	0.7	9
53	Transcriptomic Profiles in Zebrafish Liver Permit the Discrimination of Surface Water with Pollution Gradient and Different Discharges. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1648.	1.2	9
54	Effects of chlorinated polyfluoroalkyl ether sulfonate in comparison with perfluoroalkyl acids on gene profiles and stemness in human mesenchymal stem cells. <i>Chemosphere</i> , 2019, 237, 124402.	4.2	9

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55	Disturbance in transcriptomic profile, proliferation and multipotency in human mesenchymal stem cells caused by hexafluoropropylene oxides. <i>Environmental Pollution</i> , 2022, 292, 118483.	3.7	9
56	Ecotoxicological characterization of photoelectrocatalytic process for degradation of pentachlorophenol on titania nanotubes electrode. <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 267-273.	2.9	8
57	Ultrasonic-induced tonic convulsion in rats after subchronic exposure to perfluorooctane sulfonate (PFOS). <i>Journal of Toxicological Sciences</i> , 2011, 36, 55-62.	0.7	8
58	Integrated estrogenic effects and semi-volatile organic pollutants profile in secondary and tertiary wastewater treatment effluents in North China. <i>Journal of Hazardous Materials</i> , 2022, 435, 128984.	6.5	6
59	Perfluorooctane sulfonate and perfluorooctanoic acid in the fingernails of urban and rural children. <i>Science Bulletin</i> , 2010, 55, 3755-3762.	1.7	5
60	Genotoxicity, oxidative stress and transcriptomic effects of Nitenpyram on human bone marrow mesenchymal stem cells. <i>Toxicology and Applied Pharmacology</i> , 2022, 446, 116065.	1.3	5
61	Influence of gestation, regular bleeding and intermittent exposure on blood perfluorooctane sulfonate levels in mice: potential factors inducing sex difference and affecting exposure evaluation. <i>Journal of Toxicological Sciences</i> , 2010, 35, 309-316.	0.7	2
62	Surface water extracts impair gene profiles and differentiation in human mesenchymal stem cells. <i>Environment International</i> , 2019, 132, 104823.	4.8	2
63	Effects of tamoxifen on autosomal genes regulating ovary maintenance in adult mice. <i>Environmental Science and Pollution Research</i> , 2015, 22, 20234-20244.	2.7	0