

Hongxia Zhang

List of Publications by Year in descending order

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times ranked

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Worldwide Distribution of Novel Perfluoroether Carboxylic and Sulfonic Acids in Surface Water. <i>Environmental Science & Technology</i> , 2018, 52, 7621-7629. | 4.6 | 367 |
| 2 | First Report on the Occurrence and Bioaccumulation of Hexafluoropropylene Oxide Trimer Acid: An Emerging Concern. <i>Environmental Science & Technology</i> , 2017, 51, 9553-9560. | 4.6 | 186 |
| 3 | Occurrence and Tissue Distribution of Novel Perfluoroether Carboxylic and Sulfonic Acids and Legacy Per/Polyfluoroalkyl Substances in Black-Spotted Frog (<i>Pelophylax nigromaculatus</i>). <i>Environmental Science & Technology</i> , 2018, 52, 982-990. | 4.6 | 143 |
| 4 | Subchronic Hepatotoxicity Effects of 6:2 Chlorinated Polyfluorinated Ether Sulfonate (6:2 Cl-PFESA), a Novel Perfluorooctanesulfonate (PFOS) Alternative, on Adult Male Mice. <i>Environmental Science & Technology</i> , 2018, 52, 12809-12818. | 4.6 | 99 |
| 5 | Proteomic Analysis of Mouse Testis Reveals Perfluorooctanoic Acid-Induced Reproductive Dysfunction via Direct Disturbance of Testicular Steroidogenic Machinery. <i>Journal of Proteome Research</i> , 2014, 13, 3370-3385. | 1.8 | 85 |
| 6 | Lipid homeostasis and oxidative stress in the liver of male rats exposed to perfluorododecanoic acid. <i>Toxicology and Applied Pharmacology</i> , 2008, 227, 16-25. | 1.3 | 68 |
| 7 | Perfluorooctanoic acid exposure for 28 days affects glucose homeostasis and induces insulin hypersensitivity in mice. <i>Scientific Reports</i> , 2015, 5, 11029. | 1.6 | 62 |
| 8 | Association between phthalate metabolites and biomarkers of reproductive function in 1066 Chinese men of reproductive age. <i>Journal of Hazardous Materials</i> , 2015, 300, 729-736. | 6.5 | 62 |
| 9 | RNA-seq analysis reveals the hepatotoxic mechanism of perfluoroalkyl alternatives, HFPO2 and HFPO4, following exposure in mice. <i>Journal of Applied Toxicology</i> , 2017, 37, 436-444. | 1.4 | 58 |
| 10 | Elevated concentrations of perfluorohexanesulfonate and other per- and polyfluoroalkyl substances in Baiyangdian Lake (China): Source characterization and exposure assessment. <i>Environmental Pollution</i> , 2018, 241, 684-691. | 3.7 | 54 |
| 11 | The effect of perfluorododecanoic acid on endocrine status, sex hormones and expression of steroidogenic genes in pubertal female rats. <i>Reproductive Toxicology</i> , 2009, 27, 352-359. | 1.3 | 49 |
| 12 | Zebrafish reproductive toxicity induced by chronic perfluorononanoate exposure. <i>Aquatic Toxicology</i> , 2016, 175, 269-276. | 1.9 | 45 |
| 13 | Co-occurrence of <i>Methanosarcina mazei</i> and <i>Geobacteraceae</i> in an iron (III)-reducing enrichment culture. <i>Frontiers in Microbiology</i> , 2015, 6, 941. | 1.5 | 43 |
| 14 | Stimulation of long-term ammonium nitrogen deposition on methanogenesis by <i>Methanocellaceae</i> in a coastal wetland. <i>Science of the Total Environment</i> , 2017, 595, 337-343. | 3.9 | 42 |
| 15 | Exposure to GenX and Its Novel Analogs Disrupts Hepatic Bile Acid Metabolism in Male Mice. <i>Environmental Science & Technology</i> , 2022, 56, 6133-6143. | 4.6 | 38 |
| 16 | Perfluorooctanoic acid exposure induces endoplasmic reticulum stress in the liver and its effects are ameliorated by 4-phenylbutyrate. <i>Free Radical Biology and Medicine</i> , 2015, 87, 300-311. | 1.3 | 36 |
| 17 | Gestational and lactational exposure to bisphenol AF in maternal rats increases testosterone levels in 23-day-old male offspring. <i>Chemosphere</i> , 2016, 163, 552-561. | 4.2 | 36 |
| 18 | Perfluorooctanoic acid exposure disturbs glucose metabolism in mouse liver. <i>Toxicology and Applied Pharmacology</i> , 2017, 335, 41-48. | 1.3 | 36 |

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|----|---|-----|-----------|
| 19 | Biological Responses to Perfluorododecanoic Acid Exposure in Rat Kidneys as Determined by Integrated Proteomic and Metabonomic Studies. <i>PLoS ONE</i> , 2011, 6, e20862. | 1.1 | 33 |
| 20 | Spatial variation in bacterial community in natural wetlandâ€”riverâ€”sea ecosystems. <i>Journal of Basic Microbiology</i> , 2017, 57, 536-546. | 1.8 | 33 |
| 21 | Chronic exposure to PFO4DA and PFO5DoDA, two perfluoroalkyl ether carboxylic acids (PFECAs), suppresses hepatic stress signals and disturbs glucose and lipid metabolism in male mice. <i>Journal of Hazardous Materials</i> , 2021, 411, 124963. | 6.5 | 27 |
| 22 | Gestational and lactational exposure to di-isobutyl phthalate via diet in maternal mice decreases testosterone levels in male offspring. <i>Chemosphere</i> , 2017, 172, 260-267. | 4.2 | 26 |
| 23 | Accumulation, Biotransformation, and Endocrine Disruption Effects of Fluorotelomer Surfactant Mixtures on Zebrafish. <i>Chemical Research in Toxicology</i> , 2019, 32, 1432-1440. | 1.7 | 25 |
| 24 | The differentiation of iron-reducing bacterial community and iron-reduction activity between riverine and marine sediments in the Yellow River estuary. <i>Marine Life Science and Technology</i> , 2020, 2, 87-96. | 1.8 | 24 |
| 25 | Proteomic analysis of cell proliferation in a human hepatic cell line (HL-7702) induced by perfluorooctane sulfonate using iTRAQ. <i>Journal of Hazardous Materials</i> , 2015, 299, 361-370. | 6.5 | 23 |
| 26 | Per- and polyfluoroalkyl substances (PFASs) in blood of captive Siberian tigers in China: Occurrence and associations with biochemical parameters. <i>Environmental Pollution</i> , 2020, 265, 114805. | 3.7 | 20 |
| 27 | Per- and polyfluoroalkyl substances (PFASs) in the blood of two colobine monkey species from China: Occurrence and exposure pathways. <i>Science of the Total Environment</i> , 2019, 674, 524-531. | 3.9 | 18 |
| 28 | Low dose perfluorooctanoate exposure promotes cell proliferation in a human non-tumor liver cell line. <i>Journal of Hazardous Materials</i> , 2016, 313, 18-28. | 6.5 | 17 |
| 29 | Dietary exposure to di-isobutyl phthalate increases urinary 5-methyl-2â€²-deoxycytidine level and affects reproductive function in adult male mice. <i>Journal of Environmental Sciences</i> , 2017, 61, 14-23. | 3.2 | 16 |
| 30 | Associations of urinary 5-methyl-2â€²-deoxycytidine and 5-hydroxymethyl-2â€²-deoxycytidine with phthalate exposure and semen quality in 562 Chinese adult men. <i>Environment International</i> , 2016, 94, 583-590. | 4.8 | 15 |
| 31 | Testicular phosphoproteome in perfluorododecanoic acid-exposed rats. <i>Toxicology Letters</i> , 2013, 221, 91-101. | 0.4 | 14 |
| 32 | Phosphoproteome analysis reveals an important role for glycogen synthase kinase-3 in perfluorododecanoic acid-induced rat liver toxicity. <i>Toxicology Letters</i> , 2013, 218, 61-69. | 0.4 | 13 |
| 33 | Activation of peroxisome proliferator-activated receptor Î± ameliorates perfluorododecanoic acid-induced production of reactive oxygen species in rat liver. <i>Archives of Toxicology</i> , 2016, 90, 1383-1397. | 1.9 | 13 |
| 34 | Perfluorooctanoic acid (PFOA) exposure induces splenic atrophy via overactivation of macrophages in male mice. <i>Journal of Hazardous Materials</i> , 2021, 407, 124862. | 6.5 | 13 |
| 35 | High perfluorooctanoic acid exposure induces autophagy blockage and disturbs intracellular vesicle fusion in the liver. <i>Archives of Toxicology</i> , 2017, 91, 247-258. | 1.9 | 12 |
| 36 | Enrichment culture of electroactive microorganisms with high magnetic susceptibility enhances the performance of microbial fuel cells. <i>Bioelectrochemistry</i> , 2018, 121, 65-73. | 2.4 | 11 |

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|----|---|-----|-----------|
| 37 | Low-dose PCB126 exposure disrupts cardiac metabolism and causes hypertrophy and fibrosis in mice. <i>Environmental Pollution</i> , 2021, 290, 118079. | 3.7 | 10 |
| 38 | Dioxin-like polychlorinated biphenyl 126 (PCB126) disrupts gut microbiota-host metabolic dysfunction in mice via aryl hydrocarbon receptor activation. <i>Ecotoxicology and Environmental Safety</i> , 2022, 236, 113448. | 2.9 | 6 |