

# Hongzhi Zhao

## List of Publications by Year in descending order

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54  
papers

1,429  
citations

304368

22  
h-index

360668

35  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1646  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of Metabolomics and Lipidomics Reveals Metabolic Mechanisms of Triclosan-Induced Toxicity in Human Hepatocytes. <i>Environmental Science &amp; Technology</i> , 2019, 53, 5406-5415.	4.6	100
2	Mass Spectrometry-Based Metabolomics Reveals Occupational Exposure to Per- and Polyfluoroalkyl Substances Relates to Oxidative Stress, Fatty Acid $\hat{1}^2$ -Oxidation Disorder, and Kidney Injury in a Manufactory in China. <i>Environmental Science &amp; Technology</i> , 2019, 53, 9800-9809.	4.6	72
3	Prenatal exposure to phthalates and neurocognitive development in children at two years of age. <i>Environment International</i> , 2019, 131, 105023.	4.8	62
4	Prenatal exposure to bisphenol A and its alternatives and child neurodevelopment at 2 years. <i>Journal of Hazardous Materials</i> , 2020, 388, 121774.	6.5	60
5	Exposure Assessment of Bisphenols in Chinese Women during Pregnancy: A Longitudinal Study. <i>Environmental Science &amp; Technology</i> , 2019, 53, 7812-7820.	4.6	56
6	Prenatal exposure to benzophenones, parabens and triclosan and neurocognitive development at 2 years. <i>Environment International</i> , 2019, 126, 413-421.	4.8	55
7	Parabens exposure in early pregnancy and gestational diabetes mellitus. <i>Environment International</i> , 2019, 126, 468-475.	4.8	52
8	Simultaneous determination of bisphenols, benzophenones and parabens in human urine by using UHPLC-TQMS. <i>Chinese Chemical Letters</i> , 2018, 29, 102-106.	4.8	50
9	Nine phthalate metabolites in human urine for the comparison of health risk between population groups with different water consumptions. <i>Science of the Total Environment</i> , 2019, 649, 1532-1540.	3.9	45
10	Bisphenol A and bisphenol S exposures during pregnancy and gestational age – A longitudinal study in China. <i>Chemosphere</i> , 2019, 237, 124426.	4.2	44
11	Associations of Trimester-Specific Exposure to Bisphenols with Size at Birth: A Chinese Prenatal Cohort Study. <i>Environmental Health Perspectives</i> , 2019, 127, 107001.	2.8	41
12	Investigation on fragmentation pathways of bisphenols by using electrospray ionization Orbitrap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1901-1913.	0.7	39
13	Variations, Determinants, and Coexposure Patterns of Personal Care Product Chemicals among Chinese Pregnant Women: A Longitudinal Study. <i>Environmental Science &amp; Technology</i> , 2019, 53, 6546-6555.	4.6	34
14	Paraben Exposure Related To Purine Metabolism and Other Pathways Revealed by Mass Spectrometry-Based Metabolomics. <i>Environmental Science &amp; Technology</i> , 2020, 54, 3447-3454.	4.6	34
15	Comprehensive Analysis of Acylcarnitine Species in <i>db/db</i> Mouse Using a Novel Method of High-Resolution Parallel Reaction Monitoring Reveals Widespread Metabolic Dysfunction Induced by Diabetes. <i>Analytical Chemistry</i> , 2017, 89, 10368-10375.	3.2	33
16	Exposure to benzophenones, parabens and triclosan among pregnant women in different trimesters. <i>Science of the Total Environment</i> , 2017, 607-608, 578-585.	3.9	33
17	Large-Scale Longitudinal Metabolomics Study Reveals Different Trimester-Specific Alterations of Metabolites in Relation to Gestational Diabetes Mellitus. <i>Journal of Proteome Research</i> , 2019, 18, 292-300.	1.8	33
18	Repeated Measurements of Paraben Exposure during Pregnancy in Relation to Fetal and Early Childhood Growth. <i>Environmental Science &amp; Technology</i> , 2019, 53, 422-433.	4.6	33

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19	Interaction of bisphenol A 3,4-quinone metabolite with glutathione and ribonucleosides/deoxyribonucleosides in vitro. <i>Journal of Hazardous Materials</i> , 2017, 323, 195-202.	6.5	31
20	Mass spectrometry investigation of DNA adduct formation from bisphenol A quinone metabolite and MCF-7 cell DNA. <i>Talanta</i> , 2018, 182, 583-589.	2.9	31
21	Metabolomics studies on db/db diabetic mice in skeletal muscle reveal effective clearance of overloaded intermediates by exercise. <i>Analytica Chimica Acta</i> , 2018, 1037, 130-139.	2.6	29
22	Association between phthalate exposure and blood pressure during pregnancy. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109944.	2.9	29
23	Blood pressure changes during pregnancy in relation to urinary paraben, triclosan and benzophenone concentrations: A repeated measures study. <i>Environment International</i> , 2019, 122, 185-192.	4.8	26
24	Investigation on Metabolism of Di(2-Ethylhexyl) Phthalate in Different Trimesters of Pregnant Women. <i>Environmental Science &amp; Technology</i> , 2018, 52, 12851-12858.	4.6	22
25	Trimester-specific, gender-specific, and low-dose effects associated with non-monotonic relationships of bisphenol A on estrone, 17 $\beta$ -estradiol and estriol. <i>Environment International</i> , 2020, 134, 105304.	4.8	22
26	Associations between repeated measures of maternal urinary phthalate metabolites during pregnancy and cord blood glucocorticoids. <i>Environment International</i> , 2018, 121, 471-479.	4.8	21
27	The association of repeated measurements of prenatal exposure to triclosan with fetal and early-childhood growth. <i>Environment International</i> , 2018, 120, 54-62.	4.8	21
28	Variations of phthalate exposure and metabolism over three trimesters. <i>Environmental Pollution</i> , 2019, 251, 137-145.	3.7	21
29	Urinary concentrations of phthalate metabolites associated with changes in clinical hemostatic and hematologic parameters in pregnant women. <i>Environment International</i> , 2018, 120, 34-42.	4.8	20
30	Determination of benzotriazoles and benzothiazoles in human urine by UHPLC-TQMS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1070, 70-75.	1.2	19
31	Loss of tyrosine catabolic enzyme HPD promotes glutamine anaplerosis through mTOR signaling in liver cancer. <i>Cell Reports</i> , 2021, 36, 109617.	2.9	18
32	Profiles, variability, and predictors of urinary benzotriazoles and benzothiazoles in pregnant women from Wuhan, China. <i>Environment International</i> , 2018, 121, 1279-1288.	4.8	17
33	Maternal urinary benzophenones and infant birth size: Identifying critical windows of exposure. <i>Chemosphere</i> , 2019, 219, 655-661.	4.2	17
34	Association of prenatal exposure to organochlorine pesticides and birth size. <i>Science of the Total Environment</i> , 2019, 654, 678-683.	3.9	16
35	Determinants of exposure levels, metabolism, and health risks of phthalates among pregnant women in Wuhan, China. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109657.	2.9	15
36	Combined application of H <sub>2</sub> S and a plant growth promoting strain JIL321 regulates photosynthetic efficacy, soil enzyme activity and growth-promotion in rice under salt stress. <i>Microbiological Research</i> , 2022, 256, 126943.	2.5	15

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37	Comparison of different mass spectrometric approaches coupled to gas chromatography for the analysis of organochlorine pesticides in serum samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1040, 180-185.	1.2	14
38	Early pregnancy exposure to benzotriazoles and benzothiazoles in relation to gestational diabetes mellitus: A prospective cohort study. <i>Environment International</i> , 2020, 135, 105360.	4.8	14
39	Association between urinary paraben concentrations and gestational weight gain during pregnancy. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 845-855.	1.8	14
40	Evaluation of bisphenol A exposure induced oxidative RNA damage by liquid chromatography-mass spectrometry. <i>Chemosphere</i> , 2019, 222, 235-242.	4.2	12
41	Association between urinary organophosphate flame retardant diesters and steroid hormones: A metabolomic study on type 2 diabetes mellitus cases and controls. <i>Science of the Total Environment</i> , 2021, 756, 143836.	3.9	12
42	Concentrations of organochlorine pesticides in cord serum of newborns in Wuhan, China. <i>Science of the Total Environment</i> , 2018, 636, 761-766.	3.9	11
43	Comprehensive identification of steroid hormones in human urine based on liquid chromatography-high resolution mass spectrometry. <i>Analytica Chimica Acta</i> , 2019, 1089, 100-107.	2.6	11
44	Evaluation of gas chromatography-atmospheric pressure chemical ionization tandem mass spectrometry as an alternative to gas chromatography tandem mass spectrometry for the determination of polychlorinated biphenyls and polybrominated diphenyl ethers. <i>Chemosphere</i> , 2019, 225, 288-294.	4.2	11
45	Interaction of bisphenol A 3, 4-quinone metabolite with human hemoglobin, human serum albumin and cytochrome c in vitro. <i>Chemosphere</i> , 2019, 220, 930-936.	4.2	11
46	Performance of atmospheric pressure gas chromatography-tandem mass spectrometry for the analysis of organochlorine pesticides in human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4185-4191.	1.9	8
47	Simultaneous determination of amino acids, purines and derivatives in serum by ultrahigh-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 81-88.	0.7	8
48	Characteristics of exposure to multiple environmental chemicals among pregnant women in Wuhan, China. <i>Science of the Total Environment</i> , 2021, 754, 142167.	3.9	8
49	Association of in utero hexachlorocyclohexane exposure with gestational age. <i>Ecotoxicology and Environmental Safety</i> , 2019, 174, 263-269.	2.9	6
50	Association of altered serum acylcarnitine levels in early pregnancy and risk of gestational diabetes mellitus. <i>Science China Chemistry</i> , 2020, 63, 126-134.	4.2	6
51	DNA and RNA Adducts Formation from 3,4-Quinone Metabolites of Bisphenol F. <i>Environmental Science and Technology Letters</i> , 2021, 8, 1009-1014.	3.9	6
52	Machine Learning for Investigation on Endocrine-Disrupting Chemicals with Gestational Age and Delivery Time in a Longitudinal Cohort. <i>Research</i> , 2021, 2021, 9873135.	2.8	4
53	Simultaneous determination of multiple isomeric hydroxylated polycyclic aromatic hydrocarbons in urine by using ultra-high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1184, 122983.	1.2	4
54	Characterization and Determination of <sup>13</sup> C-Labeled Nonessential Amino Acids in a <sup>13</sup> C <sub>5</sub> -Glutamine Isotope Tracer Experiment with a Mass Spectrometry Strategy Combining Parallel Reaction Monitoring and Multiple Reaction Monitoring. <i>Analytical Chemistry</i> , 2021, 93, 13564-13571.	3.2	3