Zongwei Cai

List of Publications by Year
in descending order

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635 papers	21,999 citations	10986 71 h-index	33894 99 g-index
646 all docs	646 docs citations	646 times ranked	23358 citing authors

#	Article	IF	Citations
1	Multicellular tumor spheroids bridge the gap between two-dimensional cancer cells and solid tumors: The role of lipid metabolism and distribution. Chinese Chemical Letters, 2023, 34, 107349.	9.0	11
2	Threeâ€dimensional quantitative mass spectrometry imaging in complex system: From subcellular to whole organism. Mass Spectrometry Reviews, 2022, 41, 469-487.	5.4	20
3	Potential Antiviral Target for SARS-CoV-2: A Key Early Responsive Kinase during Viral Entry. CCS Chemistry, 2022, 4, 112-121.	7.8	6
4	Facile preparation of nano-g-C3N4/UiO-66-NH2 composite as sorbent for high-efficient extraction and preconcentration of food colorants prior to HPLC analysis. Chinese Chemical Letters, 2022, 33, 903-906.	9.0	36
5	Investigation of PM2.5 pollution during COVID-19 pandemic in Guangzhou, China. Journal of Environmental Sciences, 2022, 115, 443-452.	6.1	23
6	p-Phenylenediamine Antioxidants in PM_{2.5}: The Underestimated Urban Air Pollutants. Environmental Science & Technology, 2022, 56, 6914-6921.	10.0	61
7	Release of tens of thousands of microfibers from discarded face masks under simulated environmental conditions. Science of the Total Environment, 2022, 806, 150458.	8.0	43
8	Intertidal zone effects on Occurrence, fate and potential risks of microplastics with perspectives under COVID-19 pandemic. Chemical Engineering Journal, 2022, 429, 132351.	12.7	15
9	Lipid metabolism dysfunction and toxicity of BDE-47 exposure in white adipose tissue revealed by the integration of lipidomics and metabolomics. Science of the Total Environment, 2022, 806, 150350.	8.0	15
10	Exposure to ambient fine particulate matter impedes the function of spleen in the mouse metabolism of high-fat diet. Journal of Hazardous Materials, 2022, 423, 127129.	12.4	18
11	Regiospecific N-alkyl substitution tunes the molecular packing of high-performance non-fullerene acceptors. Materials Horizons, 2022, 9, 403-410.	12.2	42
12	Preparation of multivariate zirconia metal-organic frameworks for highly efficient adsorption of endocrine disrupting compounds. Journal of Hazardous Materials, 2022, 424, 127559.	12.4	51
13	Trimester-specific urinary metabolome alterations associated with gestational diabetes mellitus: A study in different pregnancy stages. Chinese Chemical Letters, 2022, 33, 3139-3143.	9.0	4
14	Pollution characteristics, exposure assessment and potential cardiotoxicities of PM2.5-bound benzotriazole and its derivatives in typical Chinese cities. Science of the Total Environment, 2022, 809, 151132.	8.0	4
15	Soluble arsenic species in total suspended particles and their health risk and origin implication: A case study in Taiyuan, China. Science of the Total Environment, 2022, 807, 150791.	8.0	4
16	Toxic chemicals from uncontrolled e-waste recycling: Exposure, body burden, health impact. Journal of Hazardous Materials, 2022, 426, 127792.	12.4	37
17	Technical challenges in defining RNA modifications. Seminars in Cell and Developmental Biology, 2022, 127, 155-165.	5.0	6
18	Real-world PM2.5 exposure induces pathological injury and DNA damage associated with miRNAs and DNA methylation alteration in rat lungs. Environmental Science and Pollution Research, 2022, 29, 28788-28803.	5.3	8

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19	Microbial enzymes induce colitis by reactivating triclosan in the mouse gastrointestinal tract. Nature Communications, 2022, 13, 136.	12.8	39
20	Influence of COVID-19 lockdown on the variation of organic aerosols: Insight into its molecular composition and oxidative potential. Environmental Research, 2022, 206, 112597.	7.5	10
21	Polycyclic aromatic hydrocarbon occurrence in forest soils in response to fires: a summary across sites. Environmental Sciences: Processes and Impacts, 2022, 24, 32-41.	3.5	7
22	Amplified Upward Trend of the Joint Occurrences of Heat and Ozone Extremes in China over 2013â€“20. Bulletin of the American Meteorological Society, 2022, 103, E1330-E1342.	3.3	10
23	Simultaneous analysis of derivatized allyl isothiocyanate together with its phase II metabolites by ultraâ€highâ€performance liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2022, 36, e9257.	1.5	1
24	Metabolic study of aristolochic acid I-exposed mice liver by atmospheric pressure matrix-assisted laser desorption/ionization mass spectrometry imaging and machine learning. Talanta, 2022, 241, 123261.	5.5	9
25	A glutathione-responsive silica-based nanosystem capped with in-situ polymerized cell-penetrating poly(disulfide)s for precisely modulating immuno-inflammatory responses. Journal of Colloid and Interface Science, 2022, 614, 322-336.	9.4	9
26	Exploring the adsorption behavior of benzotriazoles and benzothiazoles on polyvinyl chloride microplastics in the water environment. Science of the Total Environment, 2022, 821, 153471.	8.0	13
27	An integrative analysis of miRNA and mRNA expression in the brains of Alzheimer's disease transgenic mice after real-world PM2.5 exposure. Journal of Environmental Sciences, 2022, 122, 25-40.	6.1	4
28	Metabolomics and proteomics study reveals the effects of benzo[a]pyrene on the viability and migration of KYSE-150 esophageal cells. Science of the Total Environment, 2022, 824, 153761.	8.0	4
29	Editorial introducing Environmental Science: Advances. Environmental Science Advances, 2022, 1, 7-8.	2.7	0
30	Enhanced Adsorption of Methyl Orange by Mongolian Montmorillonite after Aluminum Pillaring. Applied Sciences (Switzerland), 2022, 12, 3182.	2.5	5
31	Branchedâ€chain amino acid supplementation impairs insulin sensitivity and promotes lipogenesis during exercise in dietâ€induced obese mice. Obesity, 2022, 30, 1205-1218.	3.0	6
32	One-pot synthesis of magnetic covalent organic frameworks for highly efficient enrichment of phthalate esters from fine particulate matter. Journal of Chromatography A, 2022, 1667, 462906.	3.7	9
33	Application of machine learning algorithms to screen potential biomarkers under cadmium exposure based on human urine metabolic profiles. Chinese Chemical Letters, 2022, 33, 5184-5188.	9.0	16
34	New Evidence of Rubber-Derived Quinones in Water, Air, and Soil. Environmental Science & Technology, 2022, 56, 4142-4150.	10.0	100
35	In situ localization of lipids on mouse kidney tissues with acute cadmium toxicity using atmospheric pressure-MALDI mass spectrometry imaging. Talanta, 2022, 245, 123466.	5.5	9
36	N6-Methyladenosine Reader YTHDF1 Promotes ARHGEF2 Translation and RhoA Signaling in Colorectal Cancer. Gastroenterology, 2022, 162, 1183-1196.	1.3	89

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37	A QuEChERS-based UPLC-MS/MS method for rapid determination of organophosphate flame retardants and their metabolites in human urine. Science of the Total Environment, 2022, 826, 153989.	8.0	4
38	Mass spectrometric determination of N7-HPTE-dG and N7-HPTE-Gua in mammalian cells and mice exposed to methoxychlor, an emergent persistent organic pollutant. Journal of Hazardous Materials, 2022, 432, 128741.	12.4	10
39	Zoonotic attack: An underestimated threat of SARS-CoV-2?. Innovation(China), 2022, , 100242.	9.1	0
40	Equipment-free, gold nanoparticle based semiquantitative assay of SARS-CoV-2-S1RBD IgG from fingertip blood: A practical strategy for on-site measurement of COVID-19 antibodies. Talanta, 2022, 246, 123498.	5.5	3
41	Associations of benzotriazoles and benzothiazoles with estrogens and androgens among pregnant women: A cohort study with repeated measurements. Science of the Total Environment, 2022, 838, 155998.	8.0	3
42	The composites of triple-helix glucan nanotubes/selenium nanoparticles target hepatocellular carcinoma to enhance ferroptosis by depleting glutathione and augmenting redox imbalance. Chemical Engineering Journal, 2022, 446, 137110.	12.7	15
43	Protective Mechanism of Polygonum perfoliatum L. Extract on Chronic Alcoholic Liver Injury Based on UHPLC-QExactive Plus Mass Spectrometry Lipidomics and MALDI-TOF/TOF Mass Spectrometry Imaging. Foods, 2022, 11, 1583.	4.3	3
44	Spatially revealed perfluorooctane sulfonate-induced nephrotoxicity in mouse kidney using atmospheric pressure MALDI mass spectrometry imaging. Science of the Total Environment, 2022, 838, 156380.	8.0	13
45	Dietary exposure and risk assessment of chlorinated paraffins in roots and rhizomes of traditional Chinese medicine herbs. Environmental Science and Pollution Research, 2022, 29, 80637-80645.	5.3	2
46	Absorption, distribution, metabolism, excretion and toxicity of microplastics in the human body and health implications. Journal of Hazardous Materials, 2022, 437, 129361.	12.4	72
47	The Role of Fecal Microbiota in Liver Toxicity Induced by Perfluorooctane Sulfonate in Male and Female Mice. Environmental Health Perspectives, 2022, 130, .	6.0	11
48	The cholesterol uptake regulator PCSK9 promotes and is a therapeutic target in APC/KRAS-mutant colorectal cancer. Nature Communications, 2022, 13, .	12.8	21
49	Beyond Substituted p-Phenylenediamine Antioxidants: Prevalence of Their Quinone Derivatives in PM_{2.5}. Environmental Science & Technology, 2022, 56, 10629-10637.	10.0	36
50	Emerging environmental pollutants hydroxylated polybrominated diphenyl ethers: From analytical methods to toxicology research. Mass Spectrometry Reviews, 2021, 40, 255-279.	5.4	6
51	Atmospheric pressure gas chromatography-tandem mass spectrometry analysis of fourteen emerging polycyclic aromatic sulfur heterocycles in PM2.5. Chinese Chemical Letters, 2021, 32, 801-804.	9.0	13
52	Airborne fine particulate matter induces cognitive and emotional disorders in offspring mice exposed during pregnancy. Science Bulletin, 2021, 66, 578-591.	9.0	23
53	Visualization of lipids in cottonseeds by matrix-assisted laser desorption/ionization mass spectrometry imaging. Talanta, 2021, 221, 121614.	5.5	15
54	Facile synthesis of tubular magnetic fluorinated covalent organic frameworks for efficient enrichment of ultratrace polybrominated diphenyl ethers from environmental samples. Talanta, 2021, 221, 121651.	5.5	34

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55	Characteristics of exposure to multiple environmental chemicals among pregnant women in Wuhan, China. Science of the Total Environment, 2021, 754, 142167.	8.0	8
56	Adsorption of phenanthrene and its monohydroxy derivatives on polyvinyl chloride microplastics in aqueous solution: Model fitting and mechanism analysis. Science of the Total Environment, 2021, 764, 142889.	8.0	53
57	Contamination profiles and health impact of benzothiazole and its derivatives in PM2.5 in typical Chinese cities. Science of the Total Environment, 2021, 755, 142617.	8.0	19
58	Toxicity and accumulation of 6-OH-BDE-47 and newly synthesized 6,6â€²-diOH-BDE-47 in early life-stages of Zebrafish (Danio rerio). Science of the Total Environment, 2021, 763, 143036.	8.0	7
59	Simultaneous determination of methionine cycle metabolites, urea cycle intermediates and polyamines in serum, urine and intestinal tissue by using UHPLC-MS/MS. Talanta, 2021, 224, 121868.	5.5	15
60	Association between urinary organophosphate flame retardant diesters and steroid hormones: A metabolomic study on type 2 diabetes mellitus cases and controls. Science of the Total Environment, 2021, 756, 143836.	8.0	12
61	An integrated quantitative proteomics strategy reveals the dual mechanisms of celastrol against acute inflammation. Chinese Chemical Letters, 2021, 32, 2164-2168.	9.0	9
62	Cumulative health risks for bisphenols using the maximum cumulative ratio among Chinese pregnant women. Environmental Pollution, 2021, 270, 116044.	7.5	4
63	Over 17% Efficiency Binary Organic Solar Cells with Photoresponses Reaching 1000 nm Enabled by Selenophene-Fused Nonfullerene Acceptors. ACS Energy Letters, 2021, 6, 9-15.	17.4	141
64	Frequent occurrence of triclosan hydroxylation in mammals: A combined theoretical and experimental investigation. Journal of Hazardous Materials, 2021, 407, 124803.	12.4	13
65	New insights into the cellular mechanism of triclosan-induced dermal toxicity from a combined metabolomic and lipidomic approach. Science of the Total Environment, 2021, 757, 143976.	8.0	23
66	Metabolic signatures for safety assessment of low-level cadmium exposure on human osteoblast-like cells. Ecotoxicology and Environmental Safety, 2021, 207, 111257.	6.0	11
67	Mass spectrometry-based metabolomics investigation on two different indica rice grains (Oryza sativa) Tj ETQq1 1 0.784314 rgBT /Ov	8.2	27
68	Multilayered glycoproteomic analysis reveals the hepatotoxic mechanism in perfluorooctane sulfonate (PFOS) exposure mice. Environmental Pollution, 2021, 268, 115774.	7.5	12
69	A novel binary matrix consisting of graphene oxide and caffeic acid for the analysis of scutellarin and its metabolites in mouse kidney by MALDI imaging. Analyst, The, 2021, 146, 289-295.	3.5	5
70	Hostâ€“Endosymbiont Genome Integration in a Deep-Sea Chemosymbiotic Clam. Molecular Biology and Evolution, 2021, 38, 502-518.	8.9	46
71	Synergistic optimization of Liquid Chromatography and Mass Spectrometry parameters on Orbitrap Tribrid mass spectrometer for high efficient dataâ€dependent proteomics. Journal of Mass Spectrometry, 2021, 56, e4653.	1.6	11
72	Gas-cycle-assisted headspace solid-phase microextraction coupled with gas chromatography for rapid analysis of organic pollutants. Chemical Communications, 2021, 57, 8810-8813.	4.1	18

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73	Thiol functionalized covalent organic framework for highly selective enrichment and detection of mercury by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Analyst, The, 2021, 146, 2991-2997.	3.5	12
74	Sulfinylation on Superoxide Dismutase 1 Cys111: Novel Mechanism for 1â€Nitropyrene to Promote Acute Reactive Oxygen Species Generation. Small Structures, 2021, 2, 2000123.	12.0	6
75	Evidence of Foodborne Transmission of the Coronavirus (COVID-19) through the Animal Products Food Supply Chain. Environmental Science & Technology, 2021, 55, 2713-2716.	10.0	35
76	Facile fabrication of magnetic covalent organic frameworks and their application in selective enrichment of polychlorinated naphthalenes from fine particulate matter. Mikrochimica Acta, 2021, 188, 91.	5.0	15
77	Integrated Proteomics and Metabolomics Assessment Indicated Metabolic Alterations in Hypothalamus of Mice Exposed to Triclosan. Chemical Research in Toxicology, 2021, 34, 1319-1328.	3.3	4
78	Prenatal exposure to organochlorine pesticides and infant growth: A longitudinal study. Environment International, 2021, 148, 106374.	10.0	13
79	Metabolic and Lipid Alterations in Mice Brain Cortex after PM_{2.5} Exposure. Chemical Research in Toxicology, 2021, 34, 1250-1255.	3.3	2
80	Data Filtering and Its Prioritization in Pipelines for Spatial Segmentation of Mass Spectrometry Imaging. Analytical Chemistry, 2021, 93, 4788-4793.	6.5	17
81	Convenient detection of H2S based on the photothermal effect of Au@Ag nanocubes using a handheld thermometer as readout. Analytica Chimica Acta, 2021, 1149, 338211.	5.4	16
82	Database-assisted global metabolomics profiling of pleural effusion induced by tuberculosis and malignancy. Chinese Chemical Letters, 2021, 32, 3207-3210.	9.0	13
83	Continuous Dermal Exposure to Triclocarban Perturbs the Homeostasis of Liverâ€“Gut Axis in Mice: Insights from Metabolic Interactions and Microbiome Shifts. Environmental Science & Technology, 2021, 55, 5117-5127.	10.0	16
84	Use of NAD tagSeq II to identify growth phase-dependent alterations in E. coli RNA NAD ⁺ capping. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
85	Soluble ACE2-mediated cell entry of SARS-CoV-2 via interaction with proteins related to the renin-angiotensin system. Cell, 2021, 184, 2212-2228.e12.	28.9	216
86	Metabolomics reveals the reproductive abnormality in female zebrafish exposed to environmentally relevant levels of climbazole. Environmental Pollution, 2021, 275, 116665.	7.5	24
87	Simultaneous determination of triclosan, triclocarban, triclocarban metabolites and byproducts in urine and serum by ultraâ€highâ€performance liquid chromatography/electrospray ionization tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2021, 35, e9117.	1.5	6
88	Squalene Epoxidase Induces Nonalcoholic Steatohepatitis Via Binding to Carbonic Anhydrase III and is a Therapeutic Target. Gastroenterology, 2021, 160, 2467-2482.e3.	1.3	24
89	Immunometabolism-modulation and immunotoxicity evaluation of perfluorooctanoic acid in macrophage. Ecotoxicology and Environmental Safety, 2021, 215, 112128.	6.0	20
90	Three-Dimensional Imaging of Whole-Body Zebrafish Revealed Lipid Disorders Associated with Niemannâ€“Pick Disease Type C1. Analytical Chemistry, 2021, 93, 8178-8187.	6.5	19

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91	Interaction of mercury ion (Hg2+) with blood and cytotoxicity attenuation by serum albumin binding. Journal of Hazardous Materials, 2021, 412, 125158.	12.4	27
92	Integrated metabolomics analysis of the effect of PPARÎ´ agonist GW501516 on catabolism of BCAAs and carboxylic acids in diabetic mice. Chinese Chemical Letters, 2021, 32, 2197-2202.	9.0	10
93	Breast cancer proliferation and deterioration-associated metabolic heterogeneity changes induced by exposure of bisphenol S, a widespread replacement of bisphenol A. Journal of Hazardous Materials, 2021, 414, 125391.	12.4	30
94	Identification and interaction mechanism of protein corona on silver nanoparticles with different sizes and the cellular responses. Journal of Hazardous Materials, 2021, 414, 125582.	12.4	33
95	Application of a real-ambient fine particulate matter exposure system on different animal models. Journal of Environmental Sciences, 2021, 105, 64-70.	6.1	7
96	Trimester-specific and sex-specific effects of prenatal exposure to di(2-ethylhexyl) phthalate on fetal growth, birth size, and early-childhood growth: A longitudinal prospective cohort study. Science of the Total Environment, 2021, 777, 146146.	8.0	17
97	Spatially Resolved Metabolomics and Lipidomics Reveal Salinity and Drought-Tolerant Mechanisms of Cottonseeds. Journal of Agricultural and Food Chemistry, 2021, 69, 8028-8037.	5.2	32
98	Visual authentication of edible vegetable oil and used cooking oil using MALDI imaging mass spectrometry. Food Control, 2021, 125, 107966.	5.5	11
99	Mass spectrometry investigation of nucleoside adducts of fatty acid hydroperoxides from oxidation of linolenic and linoleic acids. Journal of Chromatography A, 2021, 1649, 462236.	3.7	6
100	Ambient air PM2.5 exposure induces heart injury and cardiac hypertrophy in rats through regulation of miR-208a/b, Î±/Î²-MHC, and GATA4. Environmental Toxicology and Pharmacology, 2021, 85, 103653.	4.0	10
101	Loss of tyrosine catabolic enzyme HPD promotes glutamine anaplerosis through mTOR signaling in liver cancer. Cell Reports, 2021, 36, 109617.	6.4	18
102	Taurine reduction associated with heart dysfunction after real-world PM2.5 exposure in aged mice. Science of the Total Environment, 2021, 782, 146866.	8.0	11
103	Extracellular and Intracellular Angiotensin II Regulate the Automaticity of Developing Cardiomyocytes via Different Signaling Pathways. Frontiers in Molecular Biosciences, 2021, 8, 699827.	3.5	3
104	Discovery of emerging sulfur-containing PAHs in PM2.5: Contamination profiles and potential health risks. Journal of Hazardous Materials, 2021, 416, 125795.	12.4	18
105	Molecular structural heterogeneity of bisphenols governs their serum albumin binding. Science of the Total Environment, 2021, 781, 146499.	8.0	7
106	Metabolic fate of environmental chemical triclocarban in colon tissues: roles of gut microbiota involved. Science of the Total Environment, 2021, 787, 147677.	8.0	10
107	A stark difference in the profiles of defective viral transcripts between SARS-CoV-2 and SARS-CoV. Journal of Infection, 2021, 83, 381-412.	3.3	1
108	MIL-101(Fe)-derived magnetic porous carbon as sorbent for stir bar sorptive-dispersive microextraction of sulfonamides. Mikrochimica Acta, 2021, 188, 340.	5.0	24

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109	DNA and RNA Adducts Formation from 3,4-Quinone Metabolites of Bisphenol F. Environmental Science and Technology Letters, 2021, 8, 1009-1014.	8.7	6
110	Urinary metabolic characterization with nephrotoxicity for residents under cadmium exposure. Environment International, 2021, 154, 106646.	10.0	23
111	Distribution and risk assessment of hexachlorobutadiene, pentachloroanisole, and chlorobenzenes in sediment and wild fish from a region affected by industrial and agricultural activities in South China. Journal of Hazardous Materials, 2021, 417, 126002.	12.4	7
112	Characterization and Determination of ¹³C-Labeled Nonessential Amino Acids in a ¹³C₅-Glutamine Isotope Tracer Experiment with a Mass Spectrometry Strategy Combining Parallel Reaction Monitoring and Multiple Reaction Monitoring. Analytical Chemistry, 2021, 93, 13564-13571.	6.5	3
113	Effects of hydroxyl group content on adsorption and desorption of anthracene and anthrol by polyvinyl chloride microplastics. Science of the Total Environment, 2021, 790, 148077.	8.0	29
114	New insights into the anti- hepatoma mechanism of triple-helix Î²- glucan by metabolomics profiling. Carbohydrate Polymers, 2021, 269, 118289.	10.2	10
115	Lipid metabolism disorders associated with dioxin exposure in a cohort of Chinese male workers revealed by a comprehensive lipidomics study. Environment International, 2021, 155, 106665.	10.0	8
116	Comprehensive multi-omics approaches reveal the hepatotoxic mechanism of perfluorohexanoic acid (PFHxA) in mice. Science of the Total Environment, 2021, 790, 148160.	8.0	21
117	Derivatization strategy for semi-quantitative analysis of medium- and long-chain fatty acids using multiple reaction monitoring. Talanta, 2021, 233, 122464.	5.5	9
118	Mass spectrometry imaging-based multi-modal technique: Next-generation of biochemical analysis strategy. Innovation(China), 2021, 2, 100151.	9.1	12
119	Mass spectrometry imaging revealed alterations of lipid metabolites in multicellular tumor spheroids in response to hydroxychloroquine. Analytica Chimica Acta, 2021, 1184, 339011.	5.4	21
120	Molecular characterization of organic aerosols in Taiyuan, China: Seasonal variation and source identification. Science of the Total Environment, 2021, 800, 149419.	8.0	12
121	Fabrication of stable multivariate metal-organic frameworks with excellent adsorption performance toward bisphenols from environmental samples. Talanta, 2021, 235, 122818.	5.5	23
122	Integration of omics analysis and atmospheric pressure MALDI mass spectrometry imaging reveals the cadmium toxicity on female ICR mouse. Science of the Total Environment, 2021, 801, 149803.	8.0	17
123	Analysis of aristolochic acid I in mouse serum and tissues by using magnetic solid-phase extraction and UHPLC-MS/MS. Talanta, 2021, 235, 122774.	5.5	4
124	Long-term environmental cadmium exposure induced serum metabolic changes related to renal and liver dysfunctions in a female cohort from Southwest China. Science of the Total Environment, 2021, 798, 149379.	8.0	24
125	4-Mercaptobenzoic acid as a MALDI matrix for highly sensitive analysis of metals. Analyst, The, 2021, 146, 1543-1547.	3.5	4
126	Airborne particulate matter and its organic components: Complex triggers of human disease. , 2021, , 193-206.		1

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127	Machine Learning for Investigation on Endocrine-Disrupting Chemicals with Gestational Age and Delivery Time in a Longitudinal Cohort. Research, 2021, 2021, 9873135.	5.7	4
128	Nitrogen-rich carbon nitride as solid-phase microextraction fiber coating for high-efficient pretreatment of polychlorinated biphenyls from environmental samples. Journal of Chromatography A, 2021, 1659, 462655.	3.7	18
129	Controllable Synthesis of Hollow Microtubular Covalent Organic Frameworks as an Enzyme-Immobilized Platform for Enhancing Catalytic Activity. ACS Applied Materials & Interfaces, 2021, 13, 52417-52424.	8.0	29
130	Toxic effects of triclocarban on larval zebrafish: A focus on visual dysfunction. Aquatic Toxicology, 2021, 241, 106013.	4.0	13
131	Synthesis of Functional Building Blocks for Type III-B Rotaxane Dendrimer. Polymers, 2021, 13, 3909.	4.5	0
132	Polyamide-Supported Covalent Organic Framework Nanomembranes for Molecular Size-Dependent Selective Separation. ACS Applied Nano Materials, 2021, 4, 13967-13975.	5.0	12
133	Multi-Omics Comparison of the Spontaneous Diabetes Mellitus and Diet-Induced Prediabetic Macaque Models. Frontiers in Pharmacology, 2021, 12, 784231.	3.5	3
134	Covalent Organic Framework Nanofilm-Based Laser Desorption/Ionization Mass Spectrometry for 5-Fluorouracil Analysis and Tissue Imaging. Analytical Chemistry, 2021, 93, 15573-15578.	6.5	20
135	Chronic Exposure to Climbazole Induces Oxidative Stress and Sex Hormone Imbalance in the Testes of Male Zebrafish. Chemical Research in Toxicology, 2021, 34, 2558-2566.	3.3	7
136	Serum metabolomic and lipidomic profiling identifies diagnostic biomarkers for seropositive and seronegative rheumatoid arthritis patients. Journal of Translational Medicine, 2021, 19, 500.	4.4	35
137	Determination of newly synthesized dihydroxylated polybrominated diphenyl ethers in sea fish by gas chromatography-tandem mass spectrometry. Chemosphere, 2020, 240, 124878.	8.2	7
138	Lipid metabolism disorders contribute to hepatotoxicity of triclosan in mice. Journal of Hazardous Materials, 2020, 384, 121310.	12.4	56
139	Evaluation and optimization of sample pretreatment for GC/MS-based metabolomics in embryonic zebrafish. Talanta, 2020, 207, 120260.	5.5	22
140	Levels, spatial distribution, and source identification of airborne environmentally persistent free radicals from tree leaves. Environmental Pollution, 2020, 257, 113353.	7.5	15
141	Arabidopsis DXO1 possesses deNADding and exonuclease activities and its mutation affects defenseâ€related and photosynthetic gene expression. Journal of Integrative Plant Biology, 2020, 62, 967-983.	8.5	29
142	The oxidation of cysteine-containing peptides caused by perfluoroalkane sulfonyl fluorides. Journal of Hazardous Materials, 2020, 385, 121564.	12.4	5
143	Metabolomics and lipidomics study unveils the impact of polybrominated diphenyl ether-47 on breast cancer mice. Journal of Hazardous Materials, 2020, 390, 121451.	12.4	25
144	Facile preparation of reduced graphene oxide/ZnFe2O4 nanocomposite as magnetic sorbents for enrichment of estrogens. Talanta, 2020, 208, 120440.	5.5	60

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145	Pollution characteristics, source apportionment and health risks assessment of fine particulate matter during a typical winter and summer time period in urban Taiyuan, China. Human and Ecological Risk Assessment (HERA), 2020, 26, 2737-2750.	3.4	11
146	Association of altered serum acylcarnitine levels in early pregnancy and risk of gestational diabetes mellitus. Science China Chemistry, 2020, 63, 126-134.	8.2	6
147	Determination of hormones in human urine by ultraâ€highâ€performance liquid chromatography/tripleâ€quadrupole mass spectrometry. Rapid Communications in Mass Spectrometry, 2020, 34, e8583.	1.5	12
148	In situ analysis of oxytetracycline tablets based on matrixâ€assisted laser desorption/ionization mass spectrometry imaging. Rapid Communications in Mass Spectrometry, 2020, 34, e8592.	1.5	5
149	Atmospheric pressure chemical ionization in gas chromatography-mass spectrometry for the analysis of persistent organic pollutants. Trends in Environmental Analytical Chemistry, 2020, 25, e00076.	10.3	33
150	Metabolic and lipidomic characterization of malignant pleural effusion in human lung cancer. Journal of Pharmaceutical and Biomedical Analysis, 2020, 180, 113069.	2.8	26
151	Triclocarban Exposure Exaggerates Spontaneous Colonic Inflammation in Il-10â^'/â^' Mice. Toxicological Sciences, 2020, 174, 92-99.	3.1	17
152	Trimester-specific, gender-specific, and low-dose effects associated with non-monotonic relationships of bisphenol A on estrone, 17Î²-estradiol and estriol. Environment International, 2020, 134, 105304.	10.0	22
153	Biotransformation of 6:2 fluorotelomer alcohol by the whole soybean (Glycine max L. Merrill) seedlings. Environmental Pollution, 2020, 257, 113513.	7.5	12
154	Cellular Uptake of Few-Layered Black Phosphorus and the Toxicity to an Aquatic Unicellular Organism. Environmental Science & Technology, 2020, 54, 1583-1592.	10.0	25
155	Early pregnancy exposure to benzotriazoles and benzothiazoles in relation to gestational diabetes mellitus: A prospective cohort study. Environment International, 2020, 135, 105360.	10.0	14
156	Evaluation of the splenic injury following exposure of mice to bisphenol S: A mass spectrometry-based lipidomics and imaging analysis. Environment International, 2020, 135, 105378.	10.0	19
157	Perturbation of Normal Algal Growth by Black Phosphorus Nanosheets: The Role of Degradation. Environmental Science and Technology Letters, 2020, 7, 35-41.	8.7	19
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