

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	Adsorption mechanisms of five bisphenol analogues on PVC microplastics. <i>Science of the Total Environment</i> , 2019, 650, 671-678.	8.0	357
2	Acetate functions as an epigenetic metabolite to promote lipid synthesis under hypoxia. <i>Nature Communications</i> , 2016, 7, 11960.	12.8	306
3	Study on the photocatalytic mechanism and detoxicity of gemfibrozil by a sunlight-driven TiO ₂ /carbon dots photocatalyst: The significant roles of reactive oxygen species. <i>Applied Catalysis B: Environmental</i> , 2017, 204, 250-259.	20.2	229
4	Soluble ACE2-mediated cell entry of SARS-CoV-2 via interaction with proteins related to the renin-angiotensin system. <i>Cell</i> , 2021, 184, 2212-2228.e12.	28.9	216
5	Determination of polybrominated diphenyl ethers in soil and sediment from an electronic waste recycling facility. <i>Chemosphere</i> , 2005, 60, 810-816.	8.2	194
6	Transketolase counteracts oxidative stress to drive cancer development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E725-34.	7.1	186
7	Analytical chemistry of the persistent organic pollutants identified in the Stockholm Convention: A review. <i>Analytica Chimica Acta</i> , 2013, 790, 1-13.	5.4	183
8	The angiosuppressive effects of 20(R)- ginsenoside Rg3. <i>Biochemical Pharmacology</i> , 2006, 72, 437-445.	4.4	179
9	Synthesis and near-infrared luminescence of 3d-4f bi-metallic Schiff base complexes. <i>New Journal of Chemistry</i> , 2002, 26, 275-278.	2.8	153
10	Spatial-temporal distribution of microplastics in surface water and sediments of Maozhou River within Guangdong-Hong Kong-Macao Greater Bay Area. <i>Science of the Total Environment</i> , 2020, 717, 135187.	8.0	145
11	Room-temperature synthesis of core-shell structured magnetic covalent organic frameworks for efficient enrichment of peptides and simultaneous exclusion of proteins. <i>Chemical Communications</i> , 2017, 53, 3649-3652.	4.1	144
12	Comparison on gestation and lactation exposure of perfluorinated compounds for newborns. <i>Environment International</i> , 2011, 37, 1206-1212.	10.0	143
13	Over 17% Efficiency Binary Organic Solar Cells with Photoresponses Reaching 1000 nm Enabled by Selenophene-Fused Nonfullerene Acceptors. <i>ACS Energy Letters</i> , 2021, 6, 9-15.	17.4	141
14	Occurrence and Partitioning of Bisphenol Analogues in Adults' Blood from China. <i>Environmental Science & Technology</i> , 2018, 52, 812-820.	10.0	134
15	Effect of Ambient PM _{2.5} on Lung Mitochondrial Damage and Fusion/Fission Gene Expression in Rats. <i>Chemical Research in Toxicology</i> , 2015, 28, 408-418.	3.3	133
16	Degradation of indometacin by simulated sunlight activated CDs-loaded BiPO ₄ photocatalyst: Roles of oxidative species. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 129-139.	20.2	133
17	Mass spectrometry-based metabolomics: Targeting the crosstalk between gut microbiota and brain in neurodegenerative disorders. <i>Mass Spectrometry Reviews</i> , 2019, 38, 22-33.	5.4	131
18	Mitochondrial damage: An important mechanism of ambient PM _{2.5} exposure-induced acute heart injury in rats. <i>Journal of Hazardous Materials</i> , 2015, 287, 392-401.	12.4	127

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19	statTarget: A streamlined tool for signal drift correction and interpretations of quantitative mass spectrometry-based omics data. <i>Analytica Chimica Acta</i> , 2018, 1036, 66-72.	5.4	126
20	An iridium(Ir^{III})-based irreversible protein-protein interaction inhibitor of BRD4 as a potent anticancer agent. <i>Chemical Science</i> , 2015, 6, 5400-5408.	7.4	125
21	Synthesis of magnetic nanoparticles with immobilized aminophenylboronic acid for selective capture of glycoproteins. <i>Journal of Materials Chemistry</i> , 2011, 21, 518-524.	6.7	122
22	Matrix Interference-Free Method for the Analysis of Small Molecules by Using Negative Ion Laser Desorption/Ionization on Graphene Flakes. <i>Analytical Chemistry</i> , 2011, 83, 3161-3169.	6.5	119
23	E-waste recycling induced polybrominated diphenyl ethers, polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins and dibenzo-furans pollution in the ambient environment. <i>Environment International</i> , 2008, 34, 67-72.	10.0	118
24	Inhibition of the Ras/Raf interaction and repression of renal cancer xenografts in vivo by an enantiomeric iridium(Ir^{III}) metal-based compound. <i>Chemical Science</i> , 2017, 8, 4756-4763.	7.4	118
25	Comprehensive urinary metabolomic profiling and identification of potential noninvasive marker for idiopathic Parkinson's disease. <i>Scientific Reports</i> , 2015, 5, 13888.	3.3	116
26	LC-MS-Based Urinary Metabolite Signatures in Idiopathic Parkinson's Disease. <i>Journal of Proteome Research</i> , 2015, 14, 467-478.	3.7	114
27	The latest developments and applications of mass spectrometry in food-safety and quality analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 52, 170-185.	11.4	113
28	Sources of unintentionally produced polychlorinated naphthalenes. <i>Chemosphere</i> , 2014, 94, 1-12.	8.2	111
29	A capsule review of recent studies on the application of mass spectrometry in the analysis of Chinese medicinal herbs. <i>Journal of Mass Spectrometry</i> , 2002, 37, 1013-1024.	1.6	110
30	Core-Shell Structured Magnetic Covalent Organic Framework Nanocomposites for Triclosan and Triclocarban Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22492-22500.	8.0	110
31	Serum exosomes mediate delivery of arginase 1 as a novel mechanism for endothelial dysfunction in diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6927-E6936.	7.1	109
32	One-pot synthesis of an organic-inorganic hybrid affinity monolithic column for specific capture of glycoproteins. <i>Chemical Communications</i> , 2011, 47, 9675.	4.1	108
33	Multiple organ injury in male C57BL/6J mice exposed to ambient particulate matter in a real-ambient PM exposure system in Shijiazhuang, China. <i>Environmental Pollution</i> , 2019, 248, 874-887.	7.5	108
34	Chiral Rodlike Platinum Complexes, Double Helical Chains, and Potential Asymmetric Hydrogenation Ligand Based on Linear-Building Blocks: 1,8,9,16-Tetrahydroxytetraphenylene and 1,8,9,16-Tetrakis(diphenylphosphino)tetraphenylene. <i>Journal of the American Chemical Society</i> , 2005, 127, 9603-9611.	13.7	107
35	Photocatalytic oxidation of triclosan. <i>Chemosphere</i> , 2006, 65, 390-399.	8.2	106
36	Protein-Metal Organic Framework Hybrid Composites with Intrinsic Peroxidase-like Activity as a Colorimetric Biosensing Platform. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29052-29061.	8.0	101

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37	A Clostridia-rich microbiota enhances bile acid excretion in diarrhea-predominant irritable bowel syndrome. <i>Journal of Clinical Investigation</i> , 2019, 130, 438-450.	8.2	101
38	SLC25A22 Promotes Proliferation and Survival of Colorectal Cancer Cells With KRAS Mutations and Xenograft Tumor Progression in Mice via Intracellular Synthesis of Aspartate. <i>Gastroenterology</i> , 2016, 151, 945-960.e6.	1.3	100
39	Integration of Metabolomics and Lipidomics Reveals Metabolic Mechanisms of Triclosan-Induced Toxicity in Human Hepatocytes. <i>Environmental Science & Technology</i> , 2019, 53, 5406-5415.	10.0	100
40	New Evidence of Rubber-Derived Quinones in Water, Air, and Soil. <i>Environmental Science & Technology</i> , 2022, 56, 4142-4150.	10.0	100
41	In vivo rat metabolism and pharmacokinetic studies of ginsenoside Rg3. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 816, 223-232.	2.3	98
42	Accelerated photocatalytic degradation of diclofenac by a novel CQDs/BiO ₂ COOH hybrid material under visible-light irradiation: Dechlorination, detoxicity, and a new superoxide radical model study. <i>Chemical Engineering Journal</i> , 2018, 332, 737-748.	12.7	98
43	Negative Ion Laser Desorption/Ionization Time-of-Flight Mass Spectrometric Analysis of Small Molecules Using Graphitic Carbon Nitride Nanosheet Matrix. <i>Analytical Chemistry</i> , 2015, 87, 8005-8012.	6.5	96
44	Defect-Abundant Covalent Triazine Frameworks as Sunlight-Driven Self-Cleaning Adsorbents for Volatile Aromatic Pollutants in Water. <i>Environmental Science & Technology</i> , 2019, 53, 9091-9101.	10.0	96
45	Studies on the aconitine-type alkaloids in the roots of <i>Aconitum Carmichaeli</i> Debx. by HPLC/ESIMS/MSn. <i>Talanta</i> , 2009, 77, 1800-1807.	5.5	93
46	Perfluorinated compounds in seafood from coastal areas in China. <i>Environment International</i> , 2012, 42, 67-71.	10.0	92
47	N ⁶ -Methyladenosine Reader YTHDF1 Promotes ARHGEF2 Translation and RhoA Signaling in Colorectal Cancer. <i>Gastroenterology</i> , 2022, 162, 1183-1196.	1.3	89
48	DNA-binding affinities and sequence selectivity of quaternary benzophenanthridine alkaloids sanguinarine, chelerythrine, and nitidine. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5439-5445.	3.0	88
49	Triclosan determination in water related to wastewater treatment. <i>Talanta</i> , 2007, 72, 1650-1654.	5.5	88
50	Proteomics analysis of differential expression of cellular proteins in response to avian H9N2 virus infection in human cells. <i>Proteomics</i> , 2008, 8, 1851-1858.	2.2	88
51	Label-free aptamer-based electrochemical impedance biosensor for 17 β -estradiol. <i>Analyst</i> , 2012, 137, 819-822.	3.5	88
52	Increased Expression of EIF5A2, Via Hypoxia or Gene Amplification, Contributes to Metastasis and Angiogenesis of Esophageal Squamous Cell Carcinoma. <i>Gastroenterology</i> , 2014, 146, 1701-1713.e9.	1.3	87
53	Facile Synthesis of N-Doped Carbon Dots as a New Matrix for Detection of Hydroxy-Polycyclic Aromatic Hydrocarbons by Negative-Ion Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12976-12984.	8.0	86
54	Pregnancy-Induced Metabolic Phenotype Variations in Maternal Plasma. <i>Journal of Proteome Research</i> , 2014, 13, 1527-1536.	3.7	84

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55	Magnetic metal-organic framework nanocomposites for enrichment and direct detection of small molecules by negative-ion matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Chemical Communications</i> , 2015, 51, 8785-8788.	4.1	84
56	Analysis of flavors and fragrances by HPLC with Fe ₃ O ₄ @GO magnetic nanocomposite as the adsorbent. <i>Talanta</i> , 2017, 166, 262-267.	5.5	84
57	GC/MS-based metabolomics reveals fatty acid biosynthesis and cholesterol metabolism in cell lines infected with influenza A virus. <i>Talanta</i> , 2010, 83, 262-268.	5.5	81
58	Concentrations, profiles and gas-particle partitioning of polychlorinated dibenzo-p-dioxins and dibenzofurans in the ambient air of Beijing, China. <i>Atmospheric Environment</i> , 2008, 42, 2037-2047.	4.1	80
59	Nanomaterials as Assisted Matrix of Laser Desorption/Ionization Time-of-Flight Mass Spectrometry for the Analysis of Small Molecules. <i>Nanomaterials</i> , 2017, 7, 87.	4.1	80
60	Study of the phase I and phase II metabolism of nephrotoxin aristolochic acid by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1755-1760.	1.5	79
61	Determination of polybrominated diphenyl ethers in soil from e-waste recycling site. <i>Talanta</i> , 2006, 70, 88-90.	5.5	78
62	Polybrominated Diphenyl Ethers and Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in Surface Dust at an E-Waste Processing Site in Southeast China. <i>Environmental Science & Technology</i> , 2011, 45, 5775-5782.	10.0	78
63	Photocatalytic degradation of clofibric acid by g-C ₃ N ₄ /P25 composites under simulated sunlight irradiation: The significant effects of reactive species. <i>Chemosphere</i> , 2017, 172, 193-200.	8.2	78
64	Chemical investigation on Sijunzi decoction and its two major herbs Panax ginseng and Glycyrrhiza uralensis by LC/MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 1642-1647.	2.8	77
65	Acute toxicity profile of cadmium revealed by proteomics in brain tissue of <i>Paralichthys olivaceus</i> : Potential role of transferrin in cadmium toxicity. <i>Aquatic Toxicology</i> , 2006, 78, 127-135.	4.0	76
66	Separation of polybrominated diphenyl ethers, polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins and dibenzo-furans in environmental samples using silica gel and florisil fractionation chromatography. <i>Analytica Chimica Acta</i> , 2006, 557, 314-320.	5.4	76
67	Liquid chromatography-electrospray ionization mass spectrometry for metabolism and pharmacokinetic studies of ginsenoside Rg ₃ . <i>Analytica Chimica Acta</i> , 2003, 492, 283-293.	5.4	75
68	Novel composites of multifunctional Fe ₃ O ₄ @Au nanofibers for highly efficient glycoprotein imprinting. <i>Journal of Materials Chemistry B</i> , 2013, 1, 1044.	5.8	75
69	Liquid chromatography/mass spectrometric analysis of rat samples for in vivo metabolism and pharmacokinetic studies of ginsenoside Rh ₂ . <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 3549-3554.	1.5	74
70	Metabonomics Study on the Effects of the Ginsenoside Rg ₃ in a β -Cyclodextrin-Based Formulation on Tumor-Bearing Rats by a Fully Automatic Hydrophilic Interaction/Reversed-Phase Column-Switching HPLC-ESI-MS Approach. <i>Analytical Chemistry</i> , 2008, 80, 4680-4688.	6.5	74
71	New Evidence for Toxicity of Polybrominated Diphenyl Ethers: DNA Adduct Formation from Quinone Metabolites. <i>Environmental Science & Technology</i> , 2011, 45, 10720-10727.	10.0	73
72	MALDI-MS Imaging Reveals Asymmetric Spatial Distribution of Lipid Metabolites from Bisphenol S-Induced Nephrotoxicity. <i>Analytical Chemistry</i> , 2018, 90, 3196-3204.	6.5	73

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73	Degradation of diphenylamine by persulfate: Performance optimization, kinetics and mechanism. <i>Journal of Hazardous Materials</i> , 2009, 164, 26-31.	12.4	72
74	Mass Spectrometry-Based Metabolomics Reveals Occupational Exposure to Per- and Polyfluoroalkyl Substances Relates to Oxidative Stress, Fatty Acid β -Oxidation Disorder, and Kidney Injury in a Manufactory in China. <i>Environmental Science & Technology</i> , 2019, 53, 9800-9809.	10.0	72
75	Absorption, distribution, metabolism, excretion and toxicity of microplastics in the human body and health implications. <i>Journal of Hazardous Materials</i> , 2022, 437, 129361.	12.4	72
76	Determination of adenosine nucleotides in cultured cells by ion-pairing liquid chromatography-electrospray ionization mass spectrometry. <i>Analytical Biochemistry</i> , 2004, 325, 77-84.	2.4	71
77	High-performance liquid chromatography coupled with tandem mass spectrometry applied for metabolic study of ginsenoside Rb1 on rat. <i>Analytical Biochemistry</i> , 2006, 352, 87-96.	2.4	70
78	Removal and reductive dechlorination of triclosan by <i>Chlorella pyrenoidosa</i> . <i>Chemosphere</i> , 2013, 92, 1498-1505.	8.2	70
79	Supramolecularly imprinted polymeric solid phase microextraction coatings for synergetic recognition nitrophenols and bisphenol A. <i>Journal of Hazardous Materials</i> , 2019, 368, 358-364.	12.4	70
80	Spectrometric studies of cytotoxic protoberberine alkaloids binding to double-stranded DNA. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 1859-1866.	3.0	69
81	Determination of polybrominated diphenyl ethers in freshwater fishes from a river polluted by e-wastes. <i>Talanta</i> , 2007, 72, 1644-1649.	5.5	69
82	Bisphenol S exposure modulate macrophage phenotype as defined by cytokines profiling, global metabolomics and lipidomics analysis. <i>Science of the Total Environment</i> , 2017, 592, 357-365.	8.0	69
83	Removal and metabolism of triclosan by three different microalgal species in aquatic environment. <i>Journal of Hazardous Materials</i> , 2018, 342, 643-650.	12.4	67
84	Occurrence of polychlorinated dibenzo-p-dioxins, dibenzofurans and biphenyls pollution in sediments from the Haihe River and Dagu Drainage River in Tianjin City, China. <i>Chemosphere</i> , 2007, 68, 1772-1778.	8.2	66
85	Analysis of Rhizoma Polygoni Cuspidati by HPLC and HPLC-ESI/MS. <i>Phytochemical Analysis</i> , 2007, 18, 387-392.	2.4	66
86	Simultaneous determination of Ziagen and its phosphorylated metabolites by ion-pairing high-performance liquid chromatography-tandem mass spectrometry. <i>Biomedical Applications</i> , 2001, 754, 285-295.	1.7	65
87	Direct analysis of alkaloid profiling in plant tissue by using matrix-assisted laser desorption/ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2007, 42, 58-69.	1.6	65
88	Placental Transfer of Perfluoroalkyl Substances and Associations with Thyroid Hormones: Beijing Prenatal Exposure Study. <i>Scientific Reports</i> , 2016, 6, 21699.	3.3	65
89	Mesoporous graphitic carbon nitride@NiCo ₂ O ₄ nanocomposite as a solid phase microextraction coating for sensitive determination of environmental pollutants in human serum samples. <i>Chemical Communications</i> , 2019, 55, 10019-10022.	4.1	65
90	Bovine serum albumin-confined silver nanoclusters as fluorometric probe for detection of biothiols. <i>Luminescence</i> , 2014, 29, 722-727.	2.9	64

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91	Boron and nitrogen co-doped carbon dots as a sensitive fluorescent probe for the detection of curcumin. <i>Luminescence</i> , 2018, 33, 174-180.	2.9	64
92	Detection of Ag ⁺ using graphite carbon nitride nanosheets based on fluorescence quenching. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 169, 122-127.	3.9	63
93	Synthesis, DNA-binding affinities, and binding mode of berberine dimers. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 25-32.	3.0	62
94	Prenatal exposure to phthalates and neurocognitive development in children at two years of age. <i>Environment International</i> , 2019, 131, 105023.	10.0	62
95	Concentrations, profiles, and emission factors of unintentionally produced persistent organic pollutants in fly ash from coking processes. <i>Journal of Hazardous Materials</i> , 2013, 261, 421-426.	12.4	61
96	Effect of sulfur dioxide on inflammatory and immune regulation in asthmatic rats. <i>Chemosphere</i> , 2014, 112, 296-304.	8.2	61
97	Persistent Organic Pollutants as Risk Factors for Obesity and Diabetes. <i>Current Diabetes Reports</i> , 2017, 17, 132.	4.2	61
98	Investigation of the interaction between the fate of antibiotics in aquafarms and their level in the environment. <i>Journal of Environmental Management</i> , 2018, 207, 219-229.	7.8	61
99	NAD tagSeq reveals that NAD ⁺ -capped RNAs are mostly produced from a large number of protein-coding genes in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12072-12077.	7.1	61
100	<i>p</i> -Phenylenediamine Antioxidants in PM _{2.5} : The Underestimated Urban Air Pollutants. <i>Environmental Science & Technology</i> , 2022, 56, 6914-6921.	10.0	61
101	Determination of atrazine in water at low- and sub-parts-per-trillion levels by using solid-phase extraction and gas chromatography/high-resolution mass spectrometry. <i>Analytical Chemistry</i> , 1993, 65, 21-26.	6.5	60
102	Comparative Metabolic Profiling Reveals Secondary Metabolites Correlated with Soybean Salt Tolerance. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 11132-11138.	5.2	60
103	Negative ion laser desorption/ionization time-of-flight mass spectrometric analysis of small molecules by using nanostructured substrate as matrices. <i>Mass Spectrometry Reviews</i> , 2018, 37, 681-696.	5.4	60
104	Facile preparation of reduced graphene oxide/ZnFe ₂ O ₄ nanocomposite as magnetic sorbents for enrichment of estrogens. <i>Talanta</i> , 2020, 208, 120440.	5.5	60
105	Prenatal exposure to bisphenol A and its alternatives and child neurodevelopment at 2 years. <i>Journal of Hazardous Materials</i> , 2020, 388, 121774.	12.4	60
106	Highly sensitive protein molecularly imprinted electro-chemical sensor based on gold microdendrites electrode and prussian blue mediated amplification. <i>Biosensors and Bioelectronics</i> , 2013, 42, 612-617.	10.1	59
107	Graphene oxide-SiO ₂ nanocomposite as the adsorbent for extraction and preconcentration of plant hormones for HPLC analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1046, 58-64.	2.3	59
108	Synthesis of linked berberine dimers and their remarkably enhanced DNA-binding affinities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 2689-2692.	2.2	57

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109	A sensitivity enhanced high-performance liquid chromatography fluorescence method for the detection of nephrotoxic and carcinogenic aristolochic acid in herbal medicines. <i>Journal of Chromatography A</i> , 2007, 1164, 113-119.	3.7	57
110	A national survey of polybrominated diphenyl ethers (PBDEs) and indicator polychlorinated biphenyls (PCBs) in Chinese mothers' milk. <i>Chemosphere</i> , 2011, 84, 625-633.	8.2	57
111	Fabrication of nanoscale graphitic carbon nitride/copper oxide hybrid composites coated solid-phase microextraction fibers coupled with gas chromatography for determination of polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 2018, 1570, 47-55.	3.7	57
112	Determination of Environmental Micro(Nano)Plastics by Matrix-Assisted Laser Desorption/Ionization-Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 14346-14356.	6.5	57
113	Reliable and reusable whole polypropylene plastic microfluidic devices for a rapid, low-cost antimicrobial susceptibility test. <i>Lab on A Chip</i> , 2019, 19, 2915-2924.	6.0	56
114	Exposure Assessment of Bisphenols in Chinese Women during Pregnancy: A Longitudinal Study. <i>Environmental Science & Technology</i> , 2019, 53, 7812-7820.	10.0	56
115	Lipid metabolism disorders contribute to hepatotoxicity of triclosan in mice. <i>Journal of Hazardous Materials</i> , 2020, 384, 121310.	12.4	56
116	Gas chromatography/mass spectrometry applied for the analysis of triazine herbicides in environmental waters. <i>Chemosphere</i> , 2003, 52, 1627-1632.	8.2	55
117	Investigation of the Metabolism and Reductive Activation of Carcinogenic Aristolochic Acids in Rats. <i>Drug Metabolism and Disposition</i> , 2007, 35, 866-874.	3.3	55
118	PFOA and PFOS promote diabetic renal injury in vitro by impairing the metabolisms of amino acids and purines. <i>Science of the Total Environment</i> , 2019, 676, 72-86.	8.0	55
119	Prenatal exposure to benzophenones, parabens and triclosan and neurocognitive development at 2 years. <i>Environment International</i> , 2019, 126, 413-421.	10.0	55
120	A magnetic covalent organic framework as an adsorbent and a new matrix for enrichment and rapid determination of PAHs and their derivatives in PM _{2.5} by surface-assisted laser desorption/ionization-time of flight-mass spectrometry. <i>Chemical Communications</i> , 2019, 55, 3745-3748.	4.1	55
121	Determination of malachite green and leucomalachite green in edible goldfish muscle by liquid chromatography-ion trap mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 843, 247-251.	2.3	53
122	Coupling of acetonitrile deproteinization and salting-out extraction with acetonitrile stacking in chiral capillary electrophoresis for the determination of warfarin enantiomers. <i>Journal of Chromatography A</i> , 2011, 1218, 4045-4051.	3.7	53
123	Screening and Determination for Potential α-Glucosidase Inhibitors from Leaves of <i>Acanthopanax senticosus</i> Harms by Using UPLC/MS and ESI-MS. <i>Phytochemical Analysis</i> , 2012, 23, 315-323.	2.4	53
124	Adsorption of phenanthrene and its monohydroxy derivatives on polyvinyl chloride microplastics in aqueous solution: Model fitting and mechanism analysis. <i>Science of the Total Environment</i> , 2021, 764, 142889.	8.0	53
125	Fate and mass balance of triclosan and its degradation products: Comparison of three different types of wastewater treatments and aerobic/anaerobic sludge digestion. <i>Journal of Hazardous Materials</i> , 2017, 323, 329-340.	12.4	52
126	Exposure to Bisphenol a Substitutes and Gestational Diabetes Mellitus: A Prospective Cohort Study in China. <i>Frontiers in Endocrinology</i> , 2019, 10, 262.	3.5	52

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127	Parabens exposure in early pregnancy and gestational diabetes mellitus. <i>Environment International</i> , 2019, 126, 468-475.	10.0	52
128	Preparation of multivariate zirconia metal-organic frameworks for highly efficient adsorption of endocrine disrupting compounds. <i>Journal of Hazardous Materials</i> , 2022, 424, 127559.	12.4	51
129	Study on noncovalent complexes of cytotoxic protoberberine alkaloids with double-stranded DNA by using electrospray ionization mass spectrometry. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 4955-4959.	2.2	50
130	Simultaneous determination of bisphenols, benzophenones and parabens in human urine by using UHPLC-TQMS. <i>Chinese Chemical Letters</i> , 2018, 29, 102-106.	9.0	50
131	Consequential fate of bisphenol-attached PVC microplastics in water and simulated intestinal fluids. <i>Environmental Science and Ecotechnology</i> , 2020, 2, 100027.	13.5	50
132	Metabolomics study of alcohol-induced liver injury and hepatocellular carcinoma xenografts in mice. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2369-2375.	2.3	49
133	Insights into the synergetic mechanism of a combined vis-RGO/TiO ₂ /peroxodisulfate system for the degradation of PPCPs: Kinetics, environmental factors and products. <i>Chemosphere</i> , 2019, 216, 341-351.	8.2	49
134	Quantitative Structure-Activity Relationship Models for Prediction of the Toxicity of Polybrominated Diphenyl Ether Congeners. <i>Environmental Science & Technology</i> , 2005, 39, 4961-4966.	10.0	48
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