

Zhiqiang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

203
papers

4,824
citations

109321

35
h-index

189892

50
g-index

204
all docs

204
docs citations

204
times ranked

4008
citing authors

#	ARTICLE	IF	CITATIONS
1	Organophosphorus pesticide chlorpyrifos intake promotes obesity and insulin resistance through impacting gut and gut microbiota. <i>Microbiome</i> , 2019, 7, 19.	11.1	149
2	Effects of perinatal exposure to BPA, BPF and BPAF on liver function in male mouse offspring involving in oxidative damage and metabolic disorder. <i>Environmental Pollution</i> , 2019, 247, 935-943.	7.5	89
3	Effects of triphenyl phosphate exposure during fetal development on obesity and metabolic dysfunctions in adult mice: Impaired lipid metabolism and intestinal dysbiosis. <i>Environmental Pollution</i> , 2019, 246, 630-638.	7.5	83
4	The influence of polyethylene microplastics on pesticide residue and degradation in the aquatic environment. <i>Journal of Hazardous Materials</i> , 2020, 394, 122517.	12.4	83
5	In utero and lactational exposure to BDE-47 promotes obesity development in mouse offspring fed a high-fat diet: impaired lipid metabolism and intestinal dysbiosis. <i>Archives of Toxicology</i> , 2018, 92, 1847-1860.	4.2	78
6	Enantioselective toxic effects and biodegradation of benalaxyl in <i>Scenedesmus obliquus</i> . <i>Chemosphere</i> , 2012, 87, 7-11.	8.2	70
7	Neonatal triphenyl phosphate and its metabolite diphenyl phosphate exposure induce sex- and dose-dependent metabolic disruptions in adult mice. <i>Environmental Pollution</i> , 2018, 237, 10-17.	7.5	70
8	Application of a magnetic graphene nanocomposite for organophosphorus pesticide extraction in environmental water samples. <i>Journal of Chromatography A</i> , 2018, 1535, 9-16.	3.7	69
9	Effects of perinatal exposure to BPA and its alternatives (BPS, BPF and BPAF) on hepatic lipid and glucose homeostasis in female mice adolescent offspring. <i>Chemosphere</i> , 2018, 212, 297-306.	8.2	69
10	Toxicity effects in zebrafish embryos (<i>Danio rerio</i>) induced by prothioconazole. <i>Environmental Pollution</i> , 2019, 255, 113269.	7.5	66
11	Enantioselective degradation of fipronil in Chinese cabbage (<i>Brassica pekinensis</i>). <i>Food Chemistry</i> , 2008, 110, 399-405.	8.2	65
12	Neonicotinoid insecticides exposure cause amino acid metabolism disorders, lipid accumulation and oxidative stress in ICR mice. <i>Chemosphere</i> , 2020, 246, 125661.	8.2	65
13	Multifunctional β -Cyclodextrin MOF-Derived Porous Carbon as Efficient Herbicides Adsorbent and Potassium Fertilizer. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14479-14489.	6.7	64
14	Joint effects of microplastic and dufulin on bioaccumulation, oxidative stress and metabolic profile of the earthworm (<i>Eisenia fetida</i>). <i>Chemosphere</i> , 2021, 263, 128171.	8.2	61
15	Nonoccupational Exposure to Pyrethroids and Risk of Coronary Heart Disease in the Chinese Population. <i>Environmental Science & Technology</i> , 2017, 51, 664-670.	10.0	60
16	The potential endocrine disruption of pesticide transformation products (TPs): The blind spot of pesticide risk assessment. <i>Environment International</i> , 2020, 137, 105490.	10.0	59
17	A novel magnetic ionic liquid modified carbon nanotube for the simultaneous determination of aryloxyphenoxy-propionate herbicides and their metabolites in water. <i>Analytica Chimica Acta</i> , 2014, 852, 88-96.	5.4	58
18	Enantioselective bioaccumulation of hexaconazole and its toxic effects in adult zebrafish (<i>Danio</i>)	8.2	58

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19	The effects of hexaconazole and epoxiconazole enantiomers on metabolic profile following exposure to zebrafish (<i>Danio rerio</i>) as well as the histopathological changes. <i>Chemosphere</i> , 2019, 226, 520-533.	8.2	54
20	Enantioselective Toxic Effects of Hexaconazole Enantiomers Against <i>Scenedesmus Obliquus</i> . <i>Chirality</i> , 2012, 24, 610-614.	2.6	51
21	A simplified procedure for the determination of organochlorine pesticides and polychlorobiphenyls in edible vegetable oils. <i>Food Chemistry</i> , 2014, 151, 47-52.	8.2	50
22	Perinatal exposure to Bisphenol S (BPS) promotes obesity development by interfering with lipid and glucose metabolism in male mouse offspring. <i>Environmental Research</i> , 2019, 173, 189-198.	7.5	50
23	Enantioselective Degradation and Chiral Stability of Malathion in Environmental Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 372-379.	5.2	47
24	¹ H NMR-based metabolomics analysis of adult zebrafish (<i>Danio rerio</i>) after exposure to diniconazole as well as its bioaccumulation behavior. <i>Chemosphere</i> , 2017, 168, 1571-1577.	8.2	47
25	Enantioselective behavior of malathion enantiomers in toxicity to beneficial organisms and their dissipation in vegetables and crops. <i>Journal of Hazardous Materials</i> , 2012, 237-238, 140-146.	12.4	45
26	Hydrophilic-lipophilic balanced magnetic nanoparticles: Preparation and application in magnetic solid-phase extraction of organochlorine pesticides and triazine herbicides in environmental water samples. <i>Talanta</i> , 2014, 127, 1-8.	5.5	44
27	Effervescence assisted on-site liquid phase microextraction for the determination of five triazine herbicides in water. <i>Journal of Chromatography A</i> , 2014, 1371, 58-64.	3.7	44
28	Enantioselective Toxic Effects and Degradation of Myclobutanil Enantiomers in <i>Scenedesmus obliquus</i> . <i>Chirality</i> , 2013, 25, 858-864.	2.6	43
29	Antibiotics may increase triazine herbicide exposure risk via disturbing gut microbiota. <i>Microbiome</i> , 2018, 6, 224.	11.1	43
30	Enantioselective bioaccumulation following exposure of adult zebrafish (<i>Danio rerio</i>) to epoxiconazole and its effects on metabolomic profile as well as genes expression. <i>Environmental Pollution</i> , 2017, 229, 264-271.	7.5	42
31	Gut Microbiota: A Key Factor in the Host Health Effects Induced by Pesticide Exposure?. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10517-10531.	5.2	42
32	Enantiomeric separation of chiral pesticides by high performance liquid chromatography on cellulose tris-3,5-dimethyl carbamate stationary phase under reversed phase conditions. <i>Journal of Separation Science</i> , 2007, 30, 310-321.	2.5	38
33	Distribution, Metabolism and Toxic Effects of Beta-Cypermethrin in Lizards (<i>Eremias argus</i>) Following Oral Administration. <i>Journal of Hazardous Materials</i> , 2016, 306, 87-94.	12.4	38
34	Impacts of Penconazole and Its Enantiomers Exposure on Gut Microbiota and Metabolic Profiles in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 8303-8311.	5.2	38
35	Enantioselective toxic effects of cyproconazole enantiomers against <i>Chlorella pyrenoidosa</i> . <i>Chemosphere</i> , 2016, 159, 50-57.	8.2	37
36	Bioaccumulation and Metabolism of Carbosulfan in Zebrafish (<i>Danio rerio</i>) and the Toxic Effects of Its Metabolites. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12348-12356.	5.2	36

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37	Ultrafast Removal of Cadmium(II) by Green Cyclodextrin Metal-Organic Framework-Based Nanoporous Carbon: Adsorption Mechanism and Application. <i>Chemistry - an Asian Journal</i> , 2019, 14, 261-268.	3.3	36
38	Enantioselective toxicity of lactofen and its metabolites in <i>Scenedesmus obliquus</i> . <i>Algal Research</i> , 2015, 10, 72-79.	4.6	35
39	Enantioselective degradation and chiral stability of the herbicide fluzifop-butyl in soil and water. <i>Chemosphere</i> , 2016, 146, 315-322.	8.2	35
40	Pectin reduces environmental pollutant-induced obesity in mice through regulating gut microbiota: A case study of p,p'-DDE. <i>Environment International</i> , 2019, 130, 104861.	10.0	35
41	Developmental toxicity and neurotoxicity of penconazole enantiomers exposure on zebrafish (<i>Danio</i>) Tj ETQq1 1 0,784314 rgBT /Ove	7.5	35
42	New insights into bisphenols induced obesity in zebrafish (<i>Danio rerio</i>): Activation of cannabinoid receptor CB1. <i>Journal of Hazardous Materials</i> , 2021, 418, 126100.	12.4	35
43	Stereoselective toxicity of metconazole to the antioxidant defenses and the photosynthesis system of <i>Chlorella pyrenoidosa</i> . <i>Aquatic Toxicology</i> , 2019, 210, 129-138.	4.0	34
44	Enantioselective toxic effects and environmental behavior of ethiprole and its metabolites against <i>Chlorella pyrenoidosa</i> . <i>Environmental Pollution</i> , 2019, 244, 757-765.	7.5	33
45	Effects of exposure to prothioconazole and its metabolite prothioconazole-desthio on oxidative stress and metabolic profiles of liver and kidney tissues in male mice. <i>Environmental Pollution</i> , 2021, 269, 116215.	7.5	33
46	Effects of antibiotic norfloxacin on the degradation and enantioselectivity of the herbicides in aquatic environment. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111717.	6.0	32
47	Stereoselective metabolism of fipronil in water hyacinth (<i>Eichhornia crassipes</i>). <i>Pesticide Biochemistry and Physiology</i> , 2010, 97, 289-293.	3.6	31
48	Chiral Insecticide Î±-Cypermethrin and Its Metabolites: Stereoselective Degradation Behavior in Soils and the Toxicity to Earthworm <i>Eisenia fetida</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 7714-7720.	5.2	31
49	Effervescence assisted dispersive liquid-liquid microextraction based on cohesive floating organic drop for the determination of herbicides and fungicides in water and grape juice. <i>Food Chemistry</i> , 2018, 245, 653-658.	8.2	31
50	Determination of Organophosphorus Pesticides in Soybean Oil, Peanut Oil and Sesame Oil by Low-Temperature Extraction and GC-FPD. <i>Chromatographia</i> , 2007, 66, 625-629.	1.3	30
51	A simple method for the determination of organochlorine pollutants and the enantiomers in oil seeds based on matrix solid-phase dispersion. <i>Food Chemistry</i> , 2016, 194, 319-324.	8.2	30
52	Toxicity and metabolomics study of isocarbophos in adult zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 1-6.	6.0	30
53	Different Toxic Effects of Racemate, Enantiomers, and Metabolite of Malathion on HepG2 Cells Using High-Performance Liquid Chromatography-Quadrupole-Time-of-Flight-Based Metabolomics. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1784-1794.	5.2	30
54	Different effects of exposure to penconazole and its enantiomers on hepatic glycolipid metabolism of male mice. <i>Environmental Pollution</i> , 2020, 257, 113555.	7.5	30

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55	A full evaluation of chiral phenylpyrazole pesticide flufiprole and the metabolites to non-target organism in paddy field. <i>Environmental Pollution</i> , 2020, 264, 114808.	7.5	30
56	Enantioselective phytotoxicity and bioactivity of the enantiomers of the herbicide napropamide. <i>Pesticide Biochemistry and Physiology</i> , 2015, 125, 38-44.	3.6	29
57	Fipronil-induced enantioselective developmental toxicity to zebrafish embryo-larvae involves changes in DNA methylation. <i>Scientific Reports</i> , 2017, 7, 2284.	3.3	29
58	New insight into the mechanism of POP-induced obesity: Evidence from DDE-altered microbiota. <i>Chemosphere</i> , 2020, 244, 125123.	8.2	29
59	Approach for Pesticide Residue Analysis for Metabolite Prothioconazole-desthio in Animal Origin Food. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2481-2487.	5.2	28
60	A combined NMR- and HPLC-MS/MS-based metabolomics to evaluate the metabolic perturbations and subacute toxic effects of endosulfan on mice. <i>Environmental Science and Pollution Research</i> , 2017, 24, 18870-18880.	5.3	28
61	The enantioselective environmental behavior and toxicological effects of pyriproxyfen in soil. <i>Journal of Hazardous Materials</i> , 2019, 365, 97-106.	12.4	28
62	Perinatal exposure to 2-Ethylhexyl Diphenyl Phosphate (EHDPHP) affected the metabolic homeostasis of male mouse offspring: Unexpected findings help to explain dose- and diet- specific phenomena. <i>Journal of Hazardous Materials</i> , 2020, 388, 122034.	12.4	28
63	Single-Drop Microextraction and Gas Chromatographic Determination of Fungicide in Water and Wine Samples. <i>Analytical Letters</i> , 2006, 39, 2333-2344.	1.8	27
64	Bioaccumulation of isocarbophos enantiomers from laboratory-contaminated aquatic environment by tubificid worms. <i>Chemosphere</i> , 2015, 124, 77-82.	8.2	27
65	Enantioselective accumulation, metabolism and phytoremediation of lactofen by aquatic macrophyte <i>Lemna minor</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 186-192.	6.0	27
66	Perinatal exposure to low-dose decabromodiphenyl ethane increased the risk of obesity in male mice offspring. <i>Environmental Pollution</i> , 2018, 243, 553-562.	7.5	27
67	The effect of biochar on the mitigation of the chiral insecticide fipronil and its metabolites burden on loach (<i>Misgurnus.anguillicaudatus</i>). <i>Journal of Hazardous Materials</i> , 2018, 360, 214-222.	12.4	27
68	Magnetic partially carbonized cellulose nanocrystal-based magnetic solid phase extraction for the analysis of triazine and triazole pesticides in water. <i>Mikrochimica Acta</i> , 2019, 186, 825.	5.0	27
69	Direct enantiomeric separation of chiral pesticides by liquid chromatography on polysaccharide-based chiral stationary phases under reversed phase conditions. <i>Analytical Methods</i> , 2012, 4, 2307.	2.7	26
70	A full evaluation for the enantiomeric impacts of lactofen and its metabolites on aquatic macrophyte <i>Lemna minor</i> . <i>Water Research</i> , 2016, 101, 55-63.	11.3	26
71	Chiral quizalofop-ethyl and its metabolite quizalofop-acid in soils: Enantioselective degradation, enzymes interaction and toxicity to <i>Eisenia foetida</i> . <i>Chemosphere</i> , 2016, 152, 173-180.	8.2	25
72	Combined ingestion of polystyrene microplastics and epoxiconazole increases health risk to mice: Based on their synergistic bioaccumulation in vivo. <i>Environment International</i> , 2022, 166, 107391.	10.0	25

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73	Stereoselective pharmacokinetics of diniconazole enantiomers in rabbits. <i>Chirality</i> , 2009, 21, 699-703.	2.6	24
74	The effect of antibiotics on the persistence of herbicides in soil under the combined pollution. <i>Chemosphere</i> , 2018, 204, 303-309.	8.2	24
75	Enantioselective mechanism of toxic effects of triticonazole against <i>Chlorella pyrenoidosa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 185, 109691.	6.0	24
76	The biological activities of prothioconazole enantiomers and their toxicity assessment on aquatic organisms. <i>Chirality</i> , 2019, 31, 468-475.	2.6	24
77	Amphibian (<i>Rana nigromaculata</i>) exposed to cyproconazole: Changes in growth index, behavioral endpoints, antioxidant biomarkers, thyroid and gonad development. <i>Aquatic Toxicology</i> , 2019, 208, 62-70.	4.0	24
78	Exposure to nitenpyram during pregnancy causes colonic mucosal damage and non-alcoholic steatohepatitis in mouse offspring: The role of gut microbiota. <i>Environmental Pollution</i> , 2021, 271, 116306.	7.5	24
79	Systematic evaluation of chiral pesticides at the enantiomeric level: A new strategy for the development of highly effective and less harmful pesticides. <i>Science of the Total Environment</i> , 2022, 846, 157294.	8.0	24
80	Enantioselective Bioaccumulation, Tissue Distribution, and Toxic Effects of Myclobutanil Enantiomers in <i>Pelophylax nigromaculatus</i> Tadpole. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3096-3102.	5.2	23
81	Comparison of triadimefon and its metabolite on acute toxicity and chronic effects during the early development of <i>Rana nigromaculata</i> tadpoles. <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 247-254.	6.0	23
82	Impaired lipid and glucose homeostasis in male mice offspring after combined exposure to low-dose bisphenol A and arsenic during the second half of gestation. <i>Chemosphere</i> , 2018, 210, 998-1005.	8.2	23
83	Stereoselective quantitation of haloxyfop in environment samples and enantioselective degradation in soils. <i>Chemosphere</i> , 2015, 119, 583-589.	8.2	22
84	Imbalance of gut microbiota and fecal metabolites in offspring female mice induced by nitenpyram exposure during pregnancy. <i>Chemosphere</i> , 2020, 260, 127506.	8.2	22
85	HPLC Separation of Metalaxyl and Metalaxyl Intermediate Enantiomers on Cellulose-Based Sorbent. <i>Analytical Letters</i> , 2004, 37, 167-173.	1.8	21
86	Enantioselective degradation of the chiral alpha-cypermethrin and detection of its metabolites in five plants. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1558-1564.	5.3	21
87	Toxicity risk assessment of pyriproxyfen and metabolites in the rat liver: A vitro study. <i>Journal of Hazardous Materials</i> , 2020, 389, 121835.	12.4	21
88	Assessment of toxicity and environmental behavior of chiral ethiprole and its metabolites using zebrafish model. <i>Journal of Hazardous Materials</i> , 2021, 414, 125492.	12.4	21
89	Evaluating the effects of the tebuconazole on the earthworm, <i>Eisenia fetida</i> by H-1 NMR-Based untargeted metabolomics and mRNA assay. <i>Ecotoxicology and Environmental Safety</i> , 2020, 194, 110370.	6.0	19
90	Fate and Stereoselective Behavior of Benalaxyl in a Water-Sediment Microcosm. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 5205-5211.	5.2	18

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91	Effects of wastewater irrigation and sewage sludge application on soil residues of chiral fungicide benalaxyl. <i>Environmental Pollution</i> , 2017, 224, 1-6.	7.5	18
92	Assessment of tissue-specific accumulation, elimination and toxic effects of dichlorodiphenyltrichloroethanes (DDTs) in carp through aquatic food web. <i>Scientific Reports</i> , 2017, 7, 2288.	3.3	18
93	Exposure of frogs and tadpoles to chiral herbicide fenoxaprop-ethyl. <i>Chemosphere</i> , 2017, 186, 832-838.	8.2	18
94	Enantioselective toxic effects of cyproconazole enantiomers against <i>Rana nigromaculata</i> . <i>Environmental Pollution</i> , 2018, 243, 1825-1832.	7.5	18
95	¹ H NMR-based serum metabolomics analysis of the age-related metabolic effects of perinatal exposure to BPA, BPS, BPF, and BPAF in female mice offspring. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5804-5813.	5.3	18
96	Effects of incremental endosulfan sulfate exposure and high fat diet on lipid metabolism, glucose homeostasis and gut microbiota in mice. <i>Environmental Pollution</i> , 2021, 268, 115697.	7.5	18
97	Multi-Encapsulation Combination of O/W/O Emulsions with Polyurea Microcapsules for Controlled Release and Safe Application of Dimethyl Disulfide. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 1333-1344.	8.0	18
98	Accumulation, distribution and removal of triazine pesticides by <i>Eichhornia crassipes</i> in water-sediment microcosm. <i>Ecotoxicology and Environmental Safety</i> , 2021, 219, 112236.	6.0	18
99	Simultaneous determination of paclobutrazol and myclobutanil enantiomers in water and soil using enantioselective reversed-phase liquid chromatography. <i>Analytical Methods</i> , 2010, 2, 617.	2.7	17
100	Monitoring tryptophan metabolism after exposure to hexaconazole and the enantioselective metabolism of hexaconazole in rat hepatocytes in vitro. <i>Journal of Hazardous Materials</i> , 2015, 295, 9-16.	12.4	17
101	Enantioselective bioaccumulation and metabolism of lactofen in zebrafish <i>Danio rerio</i> and combined effects with its metabolites. <i>Chemosphere</i> , 2018, 213, 443-452.	8.2	17
102	Toxicity and fate of chiral insecticide pyriproxyfen and its metabolites in zebrafish (<i>Danio rerio</i>). <i>Environmental Pollution</i> , 2021, 280, 116894.	7.5	17
103	Direct Enantiomeric Separation of Chiral Pesticides by LC on Amylose Tris(3,5-dimethylphenylcarbamate) Stationary Phase under Reversed Phase Conditions. <i>Chromatographia</i> , 2010, 71, 855-865.	1.3	16
104	Environmental Fate of Chiral Herbicide Fenoxaprop-ethyl in Water-Sediment Microcosms. <i>Scientific Reports</i> , 2016, 6, 26797.	3.3	16
105	Enantioselective toxicity and bioaccumulation of epoxiconazole enantiomers to the green alga <i>Scenedesmus obliquus</i> . <i>RSC Advances</i> , 2016, 6, 59842-59850.	3.6	16
106	NMR- and LC-MS/MS-based urine metabolomic investigation of the subacute effects of hexabromocyclododecane in mice. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8500-8507.	5.3	16
107	Direct chiral separations of the enantiomers of phenylpyrazole pesticides and the metabolites by HPLC. <i>Chirality</i> , 2017, 29, 19-25.	2.6	16
108	Effects of the Chiral Fungicides Metalaxyl and Metalaxyl-M on the Earthworm <i>Eisenia fetida</i> as Determined by ¹ H-NMR-Based Untargeted Metabolomics. <i>Molecules</i> , 2019, 24, 1293.	3.8	16

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109	Tissue Distribution, Accumulation, and Metabolism of Chiral Flufiprole in Loach (<i>Misgurnus</i>) Tj ETQq1 1 0.784314.rgBT /Oyerlock 10	5.2	16
110	Occurrence and migration of phthalates in adhesive materials to fruits and vegetables. <i>Journal of Hazardous Materials</i> , 2021, 418, 126277.	12.4	16
111	Enantioselective Fungicidal Activity and Toxicity to Early Wheat Growth of the Chiral Pesticide Triticonazole. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 11154-11162.	5.2	16
112	Enantioselective degradation of prothioconazole in soil and the impacts on the enzymes and microbial community. <i>Science of the Total Environment</i> , 2022, 824, 153658.	8.0	16
113	Evaluating the enantioselective degradation and novel metabolites following a single oral dose of metalaxyl in mice. <i>Pesticide Biochemistry and Physiology</i> , 2014, 116, 32-39.	3.6	15
114	Enantioselective dissipation of pyriproxyfen in soils and sand. <i>Chirality</i> , 2017, 29, 358-368.	2.6	15
115	The influence of oxytetracycline on the degradation and enantioselectivity of the chiral pesticide beta-cypermethrin in soil. <i>Environmental Pollution</i> , 2019, 255, 113215.	7.5	15
116	Distribution, metabolism and metabolic disturbances of alpha-cypermethrin in embryo development, chick growth and adult hens. <i>Environmental Pollution</i> , 2019, 249, 390-397.	7.5	15
117	Effect of triadimefon and its metabolite on adult amphibians <i>Xenopus laevis</i> . <i>Chemosphere</i> , 2020, 243, 125288.	8.2	15
118	Prothioconazole and prothioconazole-desthio induced different hepatotoxicities via interfering with glycolipid metabolism in mice. <i>Pesticide Biochemistry and Physiology</i> , 2022, 180, 104983.	3.6	15
119	pH-controlled quaternary ammonium herbicides capture/release by carboxymethyl- β -cyclodextrin functionalized magnetic adsorbents: Mechanisms and application. <i>Analytica Chimica Acta</i> , 2015, 901, 51-58.	5.4	14
120	Enantiomeric Separation of Chiral Pesticides by Permethylated β -Cyclodextrin Stationary Phase in Reversed Phase Liquid Chromatography. <i>Chirality</i> , 2016, 28, 409-414.	2.6	14
121	Comparison of subacute effects of two types of pyrethroid insecticides using metabolomics methods. <i>Pesticide Biochemistry and Physiology</i> , 2017, 143, 161-167.	3.6	14
122	Bioaccumulation, behavior changes and physiological disruptions with gender-dependent in lizards (<i>Eremias argus</i>) after exposure to glufosinate-ammonium and l-glufosinate-ammonium. <i>Chemosphere</i> , 2019, 226, 817-824.	8.2	14
123	Different effects of β -endosulfan, γ -endosulfan, and endosulfan sulfate on sex hormone levels, metabolic profile and oxidative stress in adult mice testes. <i>Environmental Research</i> , 2019, 169, 315-325.	7.5	14
124	Hepatotoxicity and reproductive disruption in male lizards (<i>Eremias argus</i>) exposed to glufosinate-ammonium contaminated soil. <i>Environmental Pollution</i> , 2019, 246, 190-197.	7.5	14
125	Catechol Dyes as Tyrosinase System for Colorimetric Determination and Discrimination of Dithiocarbamate Pesticides. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 9252-9259.	5.2	14
126	Enantiomeric separation of malathion and malaoxon and the chiral residue analysis in food and environmental matrix. <i>Chirality</i> , 2020, 32, 1053-1061.	2.6	14

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127	Perfluorooctanoic acid exposure impact a trade-off between self-maintenance and reproduction in lizards (<i>Eremias argus</i>) in a gender-dependent manner. <i>Environmental Pollution</i> , 2020, 262, 114341.	7.5	14
128	Biodegradation of Chiral Flufiprole in <i>Chlorella pyrenoidosa</i> : Kinetics, Transformation Products, and Toxicity Evaluation. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1966-1973.	5.2	14
129	Application of liquid-phase microextraction and gas chromatography to the determination of chlorfenapyr in water samples. <i>Mikrochimica Acta</i> , 2008, 162, 161-165.	5.0	13
130	Stereoselective metabolism of benalaxyl in liver microsomes from rat and rabbit. <i>Chirality</i> , 2011, 23, 93-98.	2.6	13
131	Enantioselective metabolism of the chiral herbicide diclofop-methyl and diclofop by HPLC in loach (<i>Misgurnus anguillicaudatus</i>) liver microsomes in vitro. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 969, 132-138.	2.3	13
132	A combined non-targeted and targeted metabolomics approach to study the stereoselective metabolism of benalaxyl enantiomers in mouse hepatic microsomes. <i>Environmental Pollution</i> , 2016, 212, 358-365.	7.5	13
133	Polymer-coated magnetic nanospheres for preconcentration of organochlorine and pyrethroid pesticides prior to their determination by gas chromatography with electron capture detection. <i>Mikrochimica Acta</i> , 2016, 183, 1187-1194.	5.0	13
134	Metabolomics Approach to Investigate Estrogen Receptor-Dependent and Independent Effects of o,p'-DDT in the Uterus and Brain of Immature Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3609-3616.	5.2	13
135	Enantioselective metabolism and enantiomerization of benalaxyl in mice. <i>Chemosphere</i> , 2017, 169, 308-315.	8.2	13
136	Gut microbiome alterations induced by tributyltin exposure are associated with increased body weight, impaired glucose and insulin homeostasis and endocrine disruption in mice. <i>Environmental Pollution</i> , 2020, 266, 115276.	7.5	13
137	A common fungicide tebuconazole promotes colitis in mice via regulating gut microbiota. <i>Environmental Pollution</i> , 2022, 292, 118477.	7.5	13
138	A Typical Fungicide and Its Main Metabolite Promote Liver Damage in Mice through Impacting Gut Microbiota and Intestinal Barrier Function. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 13436-13447.	5.2	13
139	Enantioselective Metabolism and Interference on Tryptophan Metabolism of Myclobutanil in Rat Hepatocytes. <i>Chirality</i> , 2015, 27, 643-649.	2.6	12
140	Toxicokinetics and oxidative stress in <i>Tubifex tubifex</i> exposed to hexachlorocyclohexane isomers. <i>RSC Advances</i> , 2016, 6, 19016-19024.	3.6	12
141	The fate of technical-grade chlordane in mice fed a high-fat diet and its roles as a candidate obesogen. <i>Environmental Pollution</i> , 2017, 222, 532-542.	7.5	12
142	Deep eutectic solvent-based liquid phase microextraction for the determination of pharmaceuticals and personal care products in fish oil. <i>New Journal of Chemistry</i> , 2017, 41, 15105-15109.	2.8	12
143	Tissue distribution and toxicity effects of myclobutanil enantiomers in lizards (<i>Eremias argus</i>). <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 623-629.	6.0	12
144	Supramolecular fluorescent sensor array for simultaneous qualitative and quantitative analysis of quaternary ammonium herbicides. <i>New Journal of Chemistry</i> , 2018, 42, 17317-17322.	2.8	12

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145	Stereoselective Physiological Effects of Metconazole on Seed Germination and Seedling Growth of Wheat. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11672-11683.	5.2	12
146	Bioaccumulation and toxic effects of penconazole in earthworms (<i>Eisenia fetida</i>) following soil exposure. <i>Environmental Science and Pollution Research</i> , 2020, 27, 38056-38063.	5.3	12
147	Effects of simazine and food deprivation chronic stress on energy allocation among the costly physiological processes of male lizards (<i>Eremias argus</i>). <i>Environmental Pollution</i> , 2021, 269, 116139.	7.5	12
148	Systematic investigation of stereochemistry, stereoselective bioactivity, and antifungal mechanism of chiral triazole fungicide metconazole. <i>Science of the Total Environment</i> , 2021, 784, 147194.	8.0	12
149	Risk Assessment of the Chiral Fungicide Triticonazole: Enantioselective Effects, Toxicity, and Fate. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 2712-2721.	5.2	12
150	Enantioselective Characteristics and Montmorillonite-Mediated Removal Effects of $\hat{\pm}$ -Hexachlorocyclohexane in Laying Hens. <i>Environmental Science & Technology</i> , 2016, 50, 5695-5701.	10.0	11
151	Discrepant effects of $\hat{\pm}$ -endosulfan, $\hat{1}^2$ -endosulfan, and endosulfan sulfate on oxidative stress and energy metabolism in the livers and kidneys of mice. <i>Chemosphere</i> , 2018, 205, 223-233.	8.2	11
152	Fluorometric atrazine assay based on the use of nitrogen-doped graphene quantum dots and on inhibition of the activity of tyrosinase. <i>Mikrochimica Acta</i> , 2019, 186, 527.	5.0	11
153	Enantioselective behaviour of the herbicide fluzifop-butyl in vegetables and soil. <i>Food Chemistry</i> , 2017, 221, 1120-1127.	8.2	10
154	Chiral pyrethroid insecticide fenpropathrin and its metabolite: enantiomeric separation and pharmacokinetic degradation in soils by reverse-phase high-performance liquid chromatography. <i>Analytical Methods</i> , 2017, 9, 4439-4446.	2.7	10
155	Absorption, Distribution, Metabolism, and in Vitro Digestion of Beta-Cypermethrin in Laying Hens. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7647-7652.	5.2	10
156	Stereoselective metabolism and potential adverse effects of chiral fungicide triadimenol on <i>Eremias argus</i> . <i>Environmental Science and Pollution Research</i> , 2020, 27, 7823-7834.	5.3	10
157	Synergistic effect of ZnO NPs and imidacloprid on liver injury in male ICR mice: Increase the bioavailability of IMI by targeting the gut microbiota. <i>Environmental Pollution</i> , 2022, 294, 118676.	7.5	10
158	Effects of three surfactants on the degradation and environmental risk of metolachlor in aquatic environment. <i>Chemosphere</i> , 2022, 300, 134295.	8.2	10
159	Determination of DNA with Imidacloprid by a Resonance Light Scattering Technique at Nanogram Levels and Its Application. <i>Analytical Letters</i> , 2004, 37, 1339-1354.	1.8	9
160	Direct Optical Resolution of Chiral Pesticides by High Performance Liquid Chromatography on Cellulose tris(3,5-Dimethylphenyl Carbamate Stationary Phase Under Reversed Phase Conditions. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 2935-2944.	1.0	9
161	Direct Optical Resolution of Chiral Pesticides by HPLC on Emamectin CSP under Normal Phase Conditions. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006, 29, 1601-1607.	1.0	9
162	Food Safety: Monitoring of Organophosphate Pesticide Residues in Crops and Food. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 280-290.	1.6	9

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163	Enantioselective metabolism and toxic effects of metalaxyl on primary hepatocytes from rat. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18649-18656.	5.3	9
164	Selective bioaccumulation and elimination of hexachlorocyclohexane isomers in <i>Tubifex tubifex</i> (Oligochaeta, Tubificidae). <i>Environmental Science and Pollution Research</i> , 2016, 23, 6990-6998.	5.3	9
165	Enantioselective degradation of alpha-cypermethrin and detection of its metabolites in bullfrog (<i>Rana temporaria</i>). <i>Chemosphere</i> , 2016, 157, 107-114.	6.0	9
166	Determination of cyanamide residue in 21 plant-derived foods by liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2018, 239, 529-534.	8.2	9
167	Subacute oral toxicity assessment of benalaxyl in mice based on metabolomics methods. <i>Chemosphere</i> , 2018, 191, 373-380.	8.2	9
168	Ecological risk assessment of alpha-cypermethrin-treated food ingestion and reproductive toxicity in reptiles. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 657-664.	6.0	9
169	Thermal effects on tissue distribution, liver biotransformation, metabolism and toxic responses in Mongolia racerunner (<i>Eremias argus</i>) after oral administration of beta-cyfluthrin. <i>Environmental Research</i> , 2020, 185, 109393.	7.5	9
170	The stereoselectivity of metconazole on wheat grain filling and harvested seeds germination: Implication for the application of triazole chiral pesticides. <i>Journal of Hazardous Materials</i> , 2021, 416, 125911.	12.4	9
171	Enantioselective Degradation and Chiral Stability of Metalaxyl in Tomato Fruits. <i>Chirality</i> , 2016, 28, 382-386.	2.6	8
172	Enantiomeric Separations of Pyriproxyfen and its Six Chiral Metabolites by High-Performance Liquid Chromatography. <i>Chirality</i> , 2016, 28, 245-252.	2.6	8
173	Matrix Solid-Phase Dispersion Combined with GC-MS/MS for the Determination of Organochlorine Pesticides and Polychlorinated Biphenyls in Marketed Seafood. <i>Chromatographia</i> , 2017, 80, 813-824.	1.3	8
174	Effects of cis-bifenthrin enantiomers on the growth, behavioral, biomarkers of oxidative damage and bioaccumulation in <i>Xenopus laevis</i> . <i>Aquatic Toxicology</i> , 2019, 214, 105237.	4.0	8
175	Effects of beta-cypermethrin and myclobutanil on some enzymes and changes of biomarkers between internal tissues and saliva in reptiles (<i>Eremias argus</i>). <i>Chemosphere</i> , 2019, 216, 69-74.	8.2	8
176	Effects of L-Glufosinate-ammonium and temperature on reproduction controlled by neuroendocrine system in lizard (<i>Eremias argus</i>). <i>Environmental Pollution</i> , 2020, 257, 113564.	7.5	8
177	Biomarkers in <i>Tubifex tubifex</i> for the metalaxyl and metalaxyl-M toxicity assessment in artificial sediment. <i>Environmental Science and Pollution Research</i> , 2017, 24, 3618-3625.	5.3	7
178	Enantioselective dissipation of pyriproxyfen in soil under fertilizers use. <i>Ecotoxicology and Environmental Safety</i> , 2019, 167, 404-411.	6.0	7
179	Comparing alpha-cypermethrin induced dose/gender-dependent responses of lizards in hepatotoxicity and nephrotoxicity in a food chain. <i>Chemosphere</i> , 2020, 256, 127069.	8.2	7
180	Hexaconazole Application Saves the Loss of Grey Mold Disease but Hinders Tomato Fruit Ripening in Healthy Plants. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 3948-3957.	5.2	7

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181	Combined effects of abamectin and temperature on the physiology and behavior of male lizards (<i>Eremias argus</i>): Clarifying adaptation and maladaptation. <i>Science of the Total Environment</i> , 2022, 837, 155794.	8.0	7
182	Chiral Separation and Enantioselective Degradation of Vinclozolin in Soils. <i>Chirality</i> , 2014, 26, 155-159.	2.6	6
183	Evaluating the enantioselective distribution, degradation and excretion of epoxiconazole in mice following a single oral gavage. <i>Xenobiotica</i> , 2015, 45, 1009-1015.	1.1	6
184	Stereoselective Degradation of alpha-cypermethrin and Its Enantiomers in Rat Liver Microsomes. <i>Chirality</i> , 2016, 28, 58-64.	2.6	6
185	Effects of benthic organism <i>Tubifex tubifex</i> on hexachlorocyclohexane isomers transfer and distribution into freshwater sediment. <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 163-169.	6.0	6
186	Selective bioaccumulation, biomagnification, and dissipation of hexachlorocyclohexane isomers in a freshwater food chain. <i>Environmental Science and Pollution Research</i> , 2018, 25, 18752-18761.	5.3	6
187	Combination of modified biochar and polyurea microcapsules to encapsulate a fumigant via interface polymerization for controlled release and enhanced bioactivity. <i>Pest Management Science</i> , 2022, 78, 73-85.	3.4	6
188	Comparative toxic responses of male and female lizards (<i>Eremias argus</i>) exposed to (S)-metolachlor-contaminated soil. <i>Environmental Pollution</i> , 2017, 227, 476-483.	7.5	5
189	Enantioselectivity effects of imazethapyr enantiomers to metabolic responses in mice. <i>Pesticide Biochemistry and Physiology</i> , 2020, 168, 104619.	3.6	5
190	Effects of penconazole enantiomers exposure on hormonal disruption in zebrafish <i>Danio rerio</i> (Hamilton, 1822). <i>Environmental Science and Pollution Research</i> , 2021, 28, 43476-43482.	5.3	5
191	Effects of Cd ²⁺ and Pb ²⁺ on enantioselective degradation behavior of \pm -cypermethrin in soils and their combined effect on activities of soil enzymes. <i>Environmental Science and Pollution Research</i> , 2021, 28, 47099-47106.	5.3	5
192	Evaluation of organochlorine pesticides in soil using ultrasound-assisted liquid phase microextraction. <i>Analytical Methods</i> , 2015, 7, 1366-1371.	2.7	4
193	Comparing the effect of triadimefon and its metabolite on male and female <i>Xenopus laevis</i> : Obstructed growth and gonad morphology. <i>Chemosphere</i> , 2020, 259, 127415.	8.2	4
194	Tyrosinase coupled with boron-doped carbon nanodots for fluorometric determination of dithiocarbamate fungicide ziram. <i>Microchemical Journal</i> , 2021, 166, 106241.	4.5	4
195	Enantioselective Metabolism of Quinalofop-Ethyl in Rat. <i>PLoS ONE</i> , 2014, 9, e101052.	2.5	4
196	Enantioselective characteristics, bioaccumulation and toxicological effects of chlordane-related compounds in laying hens. <i>Chemosphere</i> , 2022, 300, 134486.	8.2	4
197	A Simple Method for the Determination of Pharmaceutical and Personal Care Products in Fish Tissue Based on Matrix Solid-Phase Dispersion. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 15738-15745.	5.2	4
198	Minimizing geometric isomerization of \pm -cypermethrin in the residue analysis. <i>Food Chemistry</i> , 2016, 196, 828-832.	8.2	3

#	ARTICLE	IF	CITATIONS
199	Thermoregulation of <i>Eremias argus</i> alters temperature-dependent toxicity of beta-cyfluthrin: Ecotoxicological effects considering ectotherm behavior traits. <i>Environmental Pollution</i> , 2022, 293, 118461.	7.5	3
200	Effects of Dufulin on Oxidative Stress and Metabolomic Profile of Tubifex. <i>Metabolites</i> , 2021, 11, 381.	2.9	2
201	The enantioselective metabolic mechanism of quizalofop-ethyl and quizalofop-acid enantiomers in animal: protein binding, intestinal absorption, and in vitro metabolism in plasma and the microsome. <i>RSC Advances</i> , 2016, 6, 99003-99009.	3.6	1
202	Analysis of volatile organic compounds in environmental matrices by nitrogen-assisted headspace solid-phase extraction. <i>New Journal of Chemistry</i> , 2019, 43, 8788-8795.	2.8	1
203	HEATS OF FORMATION FOR BORON COMPOUNDS BASED ON QUANTUM CHEMICAL CALCULATIONS. <i>Journal of Theoretical and Computational Chemistry</i> , 2010, 09, 1009-1019.	1.8	0