

Zhiqiang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

203
papers

4,824
citations

109137

35
h-index

189595

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.	4.9	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.	3.7	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.	3.7	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.	6.5	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.	1.9	78
6	Enantioselective toxic effects and biodegradation of benalaxyl in <i>Scenedesmus obliquus</i> . <i>Chemosphere</i> , 2012, 87, 7-11.	4.2	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.	3.7	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.	1.8	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.	4.2	69
10	Toxicity effects in zebrafish embryos (<i>Danio rerio</i>) induced by prothioconazole. <i>Environmental Pollution</i> , 2019, 255, 113269.	3.7	66
11	Enantioselective degradation of fipronil in Chinese cabbage (<i>Brassica pekinensis</i>). <i>Food Chemistry</i> , 2008, 110, 399-405.	4.2	65
12	Neonicotinoid insecticides exposure cause amino acid metabolism disorders, lipid accumulation and oxidative stress in ICR mice. <i>Chemosphere</i> , 2020, 246, 125661.	4.2	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.	3.2	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.	4.2	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.	4.6	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.	4.8	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.	2.6	58
18	Enantioselective bioaccumulation of hexaconazole and its toxic effects in adult zebrafish (<i>Danio</i>)	4.2	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.	4.2	54
20	Enantioselective Toxic Effects of Hexaconazole Enantiomers Against <i>Scenedesmus Obliquus</i> . <i>Chirality</i> , 2012, 24, 610-614.	1.3	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.	4.2	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.	3.7	50
23	Enantioselective Degradation and Chiral Stability of Malathion in Environmental Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 372-379.	2.4	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.	4.2	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.	6.5	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.	2.9	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.	1.8	44
28	Enantioselective Toxic Effects and Degradation of Myclobutanil Enantiomers in <i>Scenedesmus obliquus</i> . <i>Chirality</i> , 2013, 25, 858-864.	1.3	43
29	Antibiotics may increase triazine herbicide exposure risk via disturbing gut microbiota. <i>Microbiome</i> , 2018, 6, 224.	4.9	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.	3.7	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.	2.4	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.	1.3	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.	6.5	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.	2.4	38
35	Enantioselective toxic effects of cyproconazole enantiomers against <i>Chlorella pyrenoidosa</i> . <i>Chemosphere</i> , 2016, 159, 50-57.	4.2	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.	2.4	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.	1.7	36
38	Enantioselective toxicity of lactofen and its metabolites in <i>Scenedesmus obliquus</i> . <i>Algal Research</i> , 2015, 10, 72-79.	2.4	35
39	Enantioselective degradation and chiral stability of the herbicide fluzifop-butyl in soil and water. <i>Chemosphere</i> , 2016, 146, 315-322.	4.2	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.	4.8	35
41	Developmental toxicity and neurotoxicity of penconazole enantiomers exposure on zebrafish (<i>Danio</i>) Tj ETQq1 1 0,784314 rgBT /Ov...	3.7	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.	6.5	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.	1.9	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.	3.7	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.	3.7	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.	2.9	32
47	Stereoselective metabolism of fipronil in water hyacinth (<i>Eichhornia crassipes</i>). <i>Pesticide Biochemistry and Physiology</i> , 2010, 97, 289-293.	1.6	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.	2.4	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.	4.2	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.	0.7	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.	4.2	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.	2.9	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.	2.4	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.	3.7	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.	3.7	30
56	Enantioselective phytotoxicity and bioactivity of the enantiomers of the herbicide napropamide. <i>Pesticide Biochemistry and Physiology</i> , 2015, 125, 38-44.	1.6	29
57	Fipronil-induced enantioselective developmental toxicity to zebrafish embryo-larvae involves changes in DNA methylation. <i>Scientific Reports</i> , 2017, 7, 2284.	1.6	29
58	New insight into the mechanism of POP-induced obesity: Evidence from DDE-altered microbiota. <i>Chemosphere</i> , 2020, 244, 125123.	4.2	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.	2.4	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.	2.7	28
61	The enantioselective environmental behavior and toxicological effects of pyriproxyfen in soil. <i>Journal of Hazardous Materials</i> , 2019, 365, 97-106.	6.5	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.	6.5	28
63	Single-Drop Microextraction and Gas Chromatographic Determination of Fungicide in Water and Wine Samples. <i>Analytical Letters</i> , 2006, 39, 2333-2344.	1.0	27
64	Bioaccumulation of isocarboxiphos enantiomers from laboratory-contaminated aquatic environment by tubificid worms. <i>Chemosphere</i> , 2015, 124, 77-82.	4.2	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.	2.9	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.	3.7	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.	6.5	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.	2.5	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.	1.3	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.	5.3	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.	4.2	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.	4.8	25

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73	Stereoselective pharmacokinetics of diniconazole enantiomers in rabbits. <i>Chirality</i> , 2009, 21, 699-703.	1.3	24
74	The effect of antibiotics on the persistence of herbicides in soil under the combined pollution. <i>Chemosphere</i> , 2018, 204, 303-309.	4.2	24
75	Enantioselective mechanism of toxic effects of triticonazole against <i>Chlorella pyrenoidosa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 185, 109691.	2.9	24
76	The biological activities of prothioconazole enantiomers and their toxicity assessment on aquatic organisms. <i>Chirality</i> , 2019, 31, 468-475.	1.3	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.	1.9	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.	3.7	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.	3.9	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.	2.4	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.	2.9	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.	4.2	23
83	Stereoselective quantitation of haloxyfop in environment samples and enantioselective degradation in soils. <i>Chemosphere</i> , 2015, 119, 583-589.	4.2	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.	4.2	22
85	HPLC Separation of Metalaxyl and Metalaxyl Intermediate Enantiomers on Cellulose-Based Sorbent. <i>Analytical Letters</i> , 2004, 37, 167-173.	1.0	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.	2.7	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.	6.5	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.	6.5	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.	2.9	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.	2.4	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.	3.7	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.	1.6	18
93	Exposure of frogs and tadpoles to chiral herbicide fenoxaprop-ethyl. <i>Chemosphere</i> , 2017, 186, 832-838.	4.2	18
94	Enantioselective toxic effects of cyproconazole enantiomers against <i>Rana nigromaculata</i> . <i>Environmental Pollution</i> , 2018, 243, 1825-1832.	3.7	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.	2.7	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.	3.7	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.	4.0	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.	2.9	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.	1.3	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.	6.5	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.	4.2	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.	3.7	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.	0.7	16
104	Environmental Fate of Chiral Herbicide Fenoxaprop-ethyl in Water-Sediment Microcosms. <i>Scientific Reports</i> , 2016, 6, 26797.	1.6	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.	1.7	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.	2.7	16
107	Direct chiral separations of the enantiomers of phenylpyrazole pesticides and the metabolites by HPLC. <i>Chirality</i> , 2017, 29, 19-25.	1.3	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.	1.7	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 2.4	2.4	16
110	Occurrence and migration of phthalates in adhesive materials to fruits and vegetables. <i>Journal of Hazardous Materials</i> , 2021, 418, 126277.	6.5	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.	2.4	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.	3.9	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.	1.6	15
114	Enantioselective dissipation of pyriproxyfen in soils and sand. <i>Chirality</i> , 2017, 29, 358-368.	1.3	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.	3.7	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.	3.7	15
117	Effect of triadimefon and its metabolite on adult amphibians <i>Xenopus laevis</i> . <i>Chemosphere</i> , 2020, 243, 125288.	4.2	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.	1.6	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.	2.6	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.	1.3	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.	1.6	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.	4.2	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.	3.7	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.	3.7	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.	2.4	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.	1.3	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.	3.7	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.	2.4	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.	2.5	13
130	Stereoselective metabolism of benalaxyl in liver microsomes from rat and rabbit. <i>Chirality</i> , 2011, 23, 93-98.	1.3	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.	1.2	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.	3.7	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.	2.5	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.	2.4	13
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