

# Jingling Diao

## List of Publications by Year in descending order

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80  
papers

1,585  
citations

304602

22  
h-index

377752

34  
g-index

80  
all docs

80  
docs citations

80  
times ranked

958  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective toxic effects and biodegradation of benalaxyl in <i>Scenedesmus obliquus</i> . <i>Chemosphere</i> , 2012, 87, 7-11.	4.2	70
2	Environmental Behavior of the Chiral Aryloxyphenoxypropionate Herbicide Diclofop-Methyl and Diclofop: Enantiomerization and Enantioselective Degradation in Soil. <i>Environmental Science &amp; Technology</i> , 2010, 44, 2042-2047.	4.6	65
3	Enantioselective Degradation in Sediment and Aquatic Toxicity to <i>Daphnia magna</i> of the Herbicide Lactofen Enantiomers. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2439-2445.	2.4	59
4	Enantioselective bioaccumulation and toxic effects of metalaxyl in earthworm <i>Eisenia foetida</i> . <i>Chemosphere</i> , 2011, 83, 1074-1079.	4.2	58
5	Enantiomer-specific toxicity and bioaccumulation of alpha-cypermethrin to earthworm <i>Eisenia fetida</i> . <i>Journal of Hazardous Materials</i> , 2011, 192, 1072-1078.	6.5	54
6	Stereoselective degradation of fungicide benalaxyl in soils and cucumber plants. <i>Chirality</i> , 2007, 19, 300-306.	1.3	52
7	Enantioselective Acute Toxicity and Bioaccumulation of Benalaxyl in Earthworm ( <i>Eisenia fedtia</i> ). <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 8545-8549.	2.4	51
8	Influence of Soil Properties on the Enantioselective Dissipation of the Herbicide Lactofen in Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 5865-5871.	2.4	51
9	Enantioselective Toxic Effects of Hexaconazole Enantiomers Against <i>Scenedesmus Obliquus</i> . <i>Chirality</i> , 2012, 24, 610-614.	1.3	51
10	Enantioselective Toxic Effects and Degradation of Myclobutanil Enantiomers in <i>Scenedesmus obliquus</i> . <i>Chirality</i> , 2013, 25, 858-864.	1.3	43
11	Stereoselective Bioaccumulation and Metabolite Formation of Triadimefon in <i>Tubifex tubifex</i> . <i>Environmental Science &amp; Technology</i> , 2014, 48, 6687-6693.	4.6	39
12	Enantioselective bioaccumulation of soil-associated fipronil enantiomers in <i>Tubifex tubifex</i> . <i>Journal of Hazardous Materials</i> , 2012, 219-220, 50-56.	6.5	38
13	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
14	Enantioselective toxic effects of cyproconazole enantiomers against <i>Chlorella pyrenoidosa</i> . <i>Chemosphere</i> , 2016, 159, 50-57.	4.2	37
15	Enantioselective toxicity of lactofen and its metabolites in <i>Scenedesmus obliquus</i> . <i>Algal Research</i> , 2015, 10, 72-79.	2.4	35
16	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
17	Stereoselective metabolism of fipronil in water hyacinth ( <i>Eichhornia crassipes</i> ). <i>Pesticide Biochemistry and Physiology</i> , 2010, 97, 289-293.	1.6	31
18	Enantioselective Environmental Behavior of the Chiral Herbicide Fenoxaprop-ethyl and Its Chiral Metabolite Fenoxaprop in Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 12878-12884.	2.4	31

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19	Bioaccumulation of isocarbofos enantiomers from laboratory-contaminated aquatic environment by tubificid worms. <i>Chemosphere</i> , 2015, 124, 77-82.	4.2	27
20	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
21	Enantioselective mechanism of toxic effects of triticonazole against <i>Chlorella pyrenoidosa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 185, 109691.	2.9	24
22	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
23	Species differences for stereoselective metabolism of ethofumesate and its enantiomers in vitro. <i>Xenobiotica</i> , 2009, 39, 649-655.	0.5	23
24	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
25	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
26	Enantioselective growth inhibition of the green algae ( <i>Chlorella vulgaris</i> ) induced by two paclobutrazol enantiomers. <i>Environmental Pollution</i> , 2019, 250, 610-617.	3.7	23
27	Enantioselective Determination of Triazole Fungicide Epoxiconazole Bioaccumulation in <i>Tubifex</i> Based on HPLC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 360-367.	2.4	22
28	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
29	Enantioselective toxic effects of cyproconazole enantiomers against <i>Rana nigromaculata</i> . <i>Environmental Pollution</i> , 2018, 243, 1825-1832.	3.7	18
30	Enantioselective Bioaccumulation and Degradation of Sediment-Associated Metalaxyl Enantiomers in <i>Tubifex tubifex</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 4997-5002.	2.4	16
31	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
32	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
33	Stereoselective degradation of diclofop-methyl during alcohol fermentation process. <i>Chirality</i> , 2011, 23, 424-428.	1.3	15
34	Effect of triadimefon and its metabolite on adult amphibians <i>Xenopus laevis</i> . <i>Chemosphere</i> , 2020, 243, 125288.	4.2	15
35	<i>Xenopus laevis</i> tadpoles exposed to metamifop: Changes in growth, behavioral endpoints, neurotransmitters, antioxidant system and thyroid development. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112417.	2.9	15
36	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

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37	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
38	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
39	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
40	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.	2.4	13
41	Stereoselective Toxicity and Metabolism of Lactofen in Primary Hepatocytes From Rat. <i>Chirality</i> , 2013, 25, 743-750.	1.3	12
42	Toxicokinetics and oxidative stress in <i>Tubifex tubifex</i> exposed to hexachlorocyclohexane isomers. <i>RSC Advances</i> , 2016, 6, 19016-19024.	1.7	12
43	Tissue distribution and toxicity effects of myclobutanil enantiomers in lizards ( <i>Eremias argus</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 623-629.	2.9	12
44	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.	2.4	12
45	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.	3.7	12
46	Systematic investigation of stereochemistry, stereoselective bioactivity, and antifungal mechanism of chiral triazole fungicide metconazole. <i>Science of the Total Environment</i> , 2021, 784, 147194.	3.9	12
47	Risk Assessment of the Chiral Fungicide Triticonazole: Enantioselective Effects, Toxicity, and Fate. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 2712-2721.	2.4	12
48	Enantioselective metabolism and cytotoxicity of the chiral herbicide ethofumesate in rat and chicken hepatocytes. <i>Pesticide Biochemistry and Physiology</i> , 2012, 103, 62-67.	1.6	11
49	Dissipation Behavior of Organophosphorus Pesticides during the Cabbage Pickling Process: Residue Changes with Salt and Vinegar Content of Pickling Solution. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 2244-2252.	2.4	11
50	Stereoselective Behavior of the Fungicide Benalaxyl During Grape Growth and the Wine-Making Process. <i>Chirality</i> , 2016, 28, 394-398.	1.3	11
51	Enantioselective Bioaccumulation and Dissipation of Soil-Associated Metalaxyl Enantiomers in <i>Tubifex</i> . <i>Chirality</i> , 2014, 26, 33-38.	1.3	10
52	Comparison of Different Extraction Methods for Analysis of 10 Organochlorine Pesticides: Application of MAE-SPE Method in Soil from Beijing. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 67-72.	1.3	10
53	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.	2.7	10
54	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.	3.7	10

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55	Stereoselective behaviour of diclofop-methyl and diclofop during cabbage pickling. Food Chemistry, 2011, 129, 1690-1694.	4.2	9
56	Enantioselective toxicological response of the green alga <i>Scenedesmus obliquus</i> to isocarbophos. Chirality, 2012, 24, 481-485.	1.3	9
57	Selective bioaccumulation and elimination of hexachlorocyclohexane isomers in <i>Tubifex tubifex</i> (Oligochaeta, Tubificidae). Environmental Science and Pollution Research, 2016, 23, 6990-6998.	2.7	9
58	Determination of cyanamide residue in 21 plant-derived foods by liquid chromatography-tandem mass spectrometry. Food Chemistry, 2018, 239, 529-534.	4.2	9
59	Ecological risk assessment of alpha-cypermethrin-treated food ingestion and reproductive toxicity in reptiles. Ecotoxicology and Environmental Safety, 2019, 171, 657-664.	2.9	9
60	Thermal effects on tissue distribution, liver biotransformation, metabolism and toxic responses in Mongolia racerunner ( <i>Eremias argus</i> ) after oral administration of beta-cyfluthrin. Environmental Research, 2020, 185, 109393.	3.7	9
61	The stereoselectivity of metconazole on wheat grain filling and harvested seeds germination: Implication for the application of triazole chiral pesticides. Journal of Hazardous Materials, 2021, 416, 125911.	6.5	9
62	Effects of simazine herbicide on a plant-arthropod-lizard tritrophic community in territorial indoor microcosms: Beyond the toxicity. Science of the Total Environment, 2021, 781, 146723.	3.9	9
63	Imazalil and its metabolite imazalil-M caused developmental toxicity in zebrafish ( <i>Danio rerio</i> ) embryos via cell apoptosis mediated by metabolic disorders. Pesticide Biochemistry and Physiology, 2022, 184, 105113.	1.6	9
64	Effects of cis-bifenthrin enantiomers on the growth, behavioral, biomarkers of oxidative damage and bioaccumulation in <i>Xenopus laevis</i> . Aquatic Toxicology, 2019, 214, 105237.	1.9	8
65	Effects of beta-cypermethrin and myclobutanil on some enzymes and changes of biomarkers between internal tissues and saliva in reptiles ( <i>Eremias argus</i> ). Chemosphere, 2019, 216, 69-74.	4.2	8
66	Effects of L-Glufosinate-ammonium and temperature on reproduction controlled by neuroendocrine system in lizard ( <i>Eremias argus</i> ). Environmental Pollution, 2020, 257, 113564.	3.7	8
67	Stereoselective metabolism of the herbicide fluroxypyr methylheptyl ester in rabbits. Chirality, 2011, 23, 472-478.	1.3	7
68	Biomarkers in <i>Tubifex tubifex</i> for the metalaxyl and metalaxyl-M toxicity assessment in artificial sediment. Environmental Science and Pollution Research, 2017, 24, 3618-3625.	2.7	7
69	Comparing alpha-cypermethrin induced dose/gender-dependent responses of lizards in hepatotoxicity and nephrotoxicity in a food chain. Chemosphere, 2020, 256, 127069.	4.2	7
70	Hexaconazole Application Saves the Loss of Grey Mold Disease but Hinders Tomato Fruit Ripening in Healthy Plants. Journal of Agricultural and Food Chemistry, 2022, 70, 3948-3957.	2.4	7
71	Combined effects of abamectin and temperature on the physiology and behavior of male lizards ( <i>Eremias argus</i> ): Clarifying adaptation and maladaptation. Science of the Total Environment, 2022, 837, 155794.	3.9	7
72	Effects of benthic organism <i>Tubifex tubifex</i> on hexachlorocyclohexane isomers transfer and distribution into freshwater sediment. Ecotoxicology and Environmental Safety, 2016, 126, 163-169.	2.9	6

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73	Selective bioaccumulation, biomagnification, and dissipation of hexachlorocyclohexane isomers in a freshwater food chain. <i>Environmental Science and Pollution Research</i> , 2018, 25, 18752-18761.	2.7	6
74	Possible changes in trade-off strategy in female lizards ( <i>Eremias argus</i> ) during hibernation following exposure to chlorantraniliprole: Impact on the HPG axis and the energy mobilization. <i>Pesticide Biochemistry and Physiology</i> , 2022, 184, 105059.	1.6	6
75	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.	3.7	5
76	Bioaccumulation of dichlorodiphenyltrichloroethanes (DDTs) in carp in a water/sediment microcosm: important role of sediment particulate matter and bioturbation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 9500-9507.	2.7	4
77	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.	4.2	4
78	Stereoselective Behavior of the Chiral Herbicides Diclofopâ€Methyl and Diclofop During the Soy Sauce Brewing Process. <i>Chirality</i> , 2016, 28, 78-84.	1.3	3
79	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.	3.7	3
80	Enantioselective toxic effects and digestion of furalaxyl enantiomers in <i>Scenedesmus obliquus</i> . <i>Chirality</i> , 2018, 30, 1269-1276.	1.3	1