

Weiping Liu

List of Publications by Year in descending order

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325
papers

20,173
citations

8749

75
h-index

19169

118
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345
all docs

345
docs citations

345
times ranked

17262
citing authors

#	ARTICLE	IF	CITATIONS
1	Weakly Coordinating Directing Groups for Ruthenium(II)-Catalyzed C-H Activation. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1461-1479.	2.1	702
2	Manganese-Catalyzed C-H Activation. <i>ACS Catalysis</i> , 2016, 6, 3743-3752.	5.5	525
3	Enantioselectivity in environmental safety of current chiral insecticides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 701-706.	3.3	444
4	Oxidative stress response and gene expression with atrazine exposure in adult female zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1000-1007.	4.2	364
5	Iron-Catalyzed Carbonylation-Peroxidation of Alkenes with Aldehydes and Hydroperoxides. <i>Journal of the American Chemical Society</i> , 2011, 133, 10756-10759.	6.6	286
6	Fast and highly efficient removal of dyes under alkaline conditions using magnetic chitosan-Fe(III) hydrogel. <i>Water Research</i> , 2011, 45, 5200-5210.	5.3	282
7	Oxidative Removal of Bisphenol A by Manganese Dioxide: Efficacy, Products, and Pathways. <i>Environmental Science & Technology</i> , 2009, 43, 3860-3864.	4.6	272
8	Fe-g-C ₃ N ₄ /graphitized mesoporous carbon composite as an effective Fenton-like catalyst in a wide pH range. <i>Applied Catalysis B: Environmental</i> , 2017, 201, 232-240.	10.8	266
9	Status of metal accumulation in farmland soils across China: From distribution to risk assessment. <i>Environmental Pollution</i> , 2013, 176, 55-62.	3.7	243
10	Status of phthalate esters contamination in agricultural soils across China and associated health risks. <i>Environmental Pollution</i> , 2014, 195, 16-23.	3.7	219
11	Enantioselectivity in environmental risk assessment of modern chiral pesticides. <i>Environmental Pollution</i> , 2010, 158, 2371-2383.	3.7	209
12	Combined effect of copper and cadmium on <i>Chlorella vulgaris</i> growth and photosynthesis-related gene transcription. <i>Aquatic Toxicology</i> , 2009, 94, 56-61.	1.9	196
13	Effects of copper sulfate, hydrogen peroxide and N-phenyl-2-naphthylamine on oxidative stress and the expression of genes involved photosynthesis and microcystin disposition in <i>Microcystis aeruginosa</i> . <i>Aquatic Toxicology</i> , 2010, 99, 405-412.	1.9	192
14	Cypermethrin has the potential to induce hepatic oxidative stress, DNA damage and apoptosis in adult zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2011, 82, 398-404.	4.2	188
15	Particle Size-Specific Distributions and Preliminary Exposure Assessments of Organophosphate Flame Retardants in Office Air Particulate Matter. <i>Environmental Science & Technology</i> , 2014, 48, 63-70.	4.6	187
16	Cobalt(III)-Catalyzed C-H/Ni ₂ O Functionalizations: Isohyptic Access to Isoquinolines. <i>Chemistry - A European Journal</i> , 2015, 21, 15525-15528.	1.7	180
17	Manganese(I)-Catalyzed Substitutive C-H Alkylation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7747-7750.	7.2	178
18	Action mechanisms of acetolactate synthase-inhibiting herbicides. <i>Pesticide Biochemistry and Physiology</i> , 2007, 89, 89-96.	1.6	174

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19	Manganese-Catalyzed Synthesis of <i>cis</i> - β -Amino Acid Esters through Organometallic C-H Activation of Ketimines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4092-4096.	7.2	170
20	Effect of endocrine disrupting chemicals on the transcription of genes related to the innate immune system in the early developmental stage of zebrafish (<i>Danio rerio</i>). <i>Fish and Shellfish Immunology</i> , 2010, 28, 854-861.	1.6	169
21	Cobalt Complexes as an Emerging Class of Catalysts for Homogeneous Hydrogenations. <i>Accounts of Chemical Research</i> , 2018, 51, 1858-1869.	7.6	159
22	Allelochemical stress causes oxidative damage and inhibition of photosynthesis in <i>Chlorella vulgaris</i> . <i>Chemosphere</i> , 2009, 75, 368-375.	4.2	155
23	Thyroid Disruption by Bisphenol S Analogues via Thyroid Hormone Receptor β : <i>in Vitro</i> , <i>in Vivo</i> , and Molecular Dynamics Simulation Study. <i>Environmental Science & Technology</i> , 2018, 52, 6617-6625.	4.6	153
24	Enantioselectivity in Estrogenic Potential and Uptake of Bifenthrin. <i>Environmental Science & Technology</i> , 2007, 41, 6124-6128.	4.6	151
25	Reaction of Tetrabromobisphenol A (TBBPA) with Manganese Dioxide: Kinetics, Products, and Pathways. <i>Environmental Science & Technology</i> , 2009, 43, 4480-4486.	4.6	144
26	<i>Ortho</i> - and <i>Para</i> -Selective Ruthenium-Catalyzed C(sp ²)-H Oxygenations of Phenol Derivatives. <i>Organic Letters</i> , 2013, 15, 3484-3486.	2.4	144
27	Highly efficient detoxification of Cr(VI) by chitosan-Fe(III) complex: Process and mechanism studies. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 689-697.	6.5	142
28	Effects of glufosinate on antioxidant enzymes, subcellular structure, and gene expression in the unicellular green alga <i>Chlorella vulgaris</i> . <i>Aquatic Toxicology</i> , 2008, 88, 301-307.	1.9	141
29	Enantioselective Environmental Toxicology of Chiral Pesticides. <i>Chemical Research in Toxicology</i> , 2015, 28, 325-338.	1.7	141
30	Occurrence and risk assessment of organophosphate esters in drinking water from Eastern China. <i>Science of the Total Environment</i> , 2015, 538, 959-965.	3.9	138
31	Methylenecyclopropane Annulation by Manganese(I)-Catalyzed Stereoselective C-H/C-C Activation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9415-9419.	7.2	131
32	Chlorinated Polyfluoroalkyl Ether Sulfonic Acids in Matched Maternal, Cord, and Placenta Samples: A Study of Transplacental Transfer. <i>Environmental Science & Technology</i> , 2017, 51, 6387-6394.	4.6	130
33	Manganese(I)-Catalyzed C-H Aminocarbonylation of Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14137-14140.	7.2	126
34	Enhanced photocatalytic activity of supported TiO ₂ : dispersing effect of SiO ₂ . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1999, 122, 57-60.	2.0	122
35	Occurrence, abundance, and distribution of sulfonamide and tetracycline resistance genes in agricultural soils across China. <i>Science of the Total Environment</i> , 2017, 599-600, 1977-1983.	3.9	122
36	Al-doping chitosan-Fe(III) hydrogel for the removal of fluoride from aqueous solutions. <i>Chemical Engineering Journal</i> , 2014, 248, 98-106.	6.6	119

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37	Enantioselective Degradation and Ecotoxicity of the Chiral Herbicide Diclofop in Three Freshwater Alga Cultures. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 2139-2146.	2.4	117
38	Antioxidant defense system responses and DNA damage of earthworms exposed to Perfluorooctane sulfonate (PFOS). <i>Environmental Pollution</i> , 2013, 174, 121-127.	3.7	116
39	Potential Estrogenic Effects of Phosphorus-Containing Flame Retardants. <i>Environmental Science & Technology</i> , 2014, 48, 6995-7001.	4.6	116
40	Drug Metabolism by Cytochrome P450 Enzymes: What Distinguishes the Pathways Leading to Substrate Hydroxylation Over Desaturation?. <i>Chemistry - A European Journal</i> , 2015, 21, 9083-9092.	1.7	116
41	Determination of glyphosate by ion chromatography. <i>Journal of Chromatography A</i> , 1999, 850, 297-301.	1.8	115
42	Enantioselective separation and analysis of chiral pesticides by high-performance liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 1148-1163.	5.8	112
43	Enantiomer separation of triazole fungicides by high-performance liquid chromatography. <i>Chirality</i> , 2009, 21, 421-427.	1.3	111
44	Reinstate regional transport of PM _{2.5} as a major cause of severe haze in Beijing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2739-40.	3.3	111
45	Endocrine-Disrupting Effects of Pesticides through Interference with Human Glucocorticoid Receptor. <i>Environmental Science & Technology</i> , 2016, 50, 435-443.	4.6	111
46	Versatile ruthenium(ii)-catalyzed C-H cyanations of benzamides. <i>Chemical Communications</i> , 2014, 50, 1878.	2.2	110
47	Status, Influences and Risk Assessment of Hexachlorocyclohexanes in Agricultural Soils Across China. <i>Environmental Science & Technology</i> , 2013, 47, 12140-12147.	4.6	108
48	Enantioselectivity Tuning of Chiral Herbicide Dichlorprop by Copper: Roles of Reactive Oxygen Species. <i>Environmental Science & Technology</i> , 2011, 45, 4778-4784.	4.6	106
49	An Efficient and General Iron-Catalyzed C-C Bond Activation with 1,3-Dicarbonyl Units as a Leaving Groups. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2975-2978.	7.2	105
50	Sorption and Degradation of Imidacloprid in Soil and Water. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2006, 41, 623-634.	0.7	103
51	Isomer-Specific Transplacental Transfer of Perfluoroalkyl Acids: Results from a Survey of Paired Maternal, Cord Sera, and Placentas. <i>Environmental Science & Technology</i> , 2017, 51, 5756-5763.	4.6	101
52	Separation and aquatic toxicity of enantiomers of synthetic pyrethroid insecticides. <i>Chirality</i> , 2005, 17, S127-S133.	1.3	99
53	Manganese(I)-Catalyzed Dispersion-Enabled C-H/C Activation. <i>Chemistry - A European Journal</i> , 2017, 23, 5443-5447.	1.7	98
54	Embryonic exposure to butachlor in zebrafish (<i>Danio rerio</i>): Endocrine disruption, developmental toxicity and immunotoxicity. <i>Ecotoxicology and Environmental Safety</i> , 2013, 89, 189-195.	2.9	95

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55	Joint toxicity of permethrin and cypermethrin at sublethal concentrations to the embryo-larval zebrafish. <i>Chemosphere</i> , 2014, 96, 146-154.	4.2	94
56	Iron-Catalyzed Indole Formation via Oxidative Cyclization of <i>N</i> -Aryl Enamines. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1340-1343.	1.7	93
57	Sandwich structure stabilized atomic Fe catalyst for highly efficient Fenton-like reaction at all pH values. <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119551.	10.8	93
58	Enantioselective Phytoeffects of Chiral Pesticides. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 2087-2095.	2.4	92
59	PHASE DISTRIBUTION OF SYNTHETIC PYRETHROIDS IN RUNOFF AND STREAM WATER. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 7.	2.2	91
60	Enantioselective cytotoxicity of the insecticide bifenthrin on a human amnion epithelial (FL) cell line. <i>Toxicology</i> , 2008, 253, 89-96.	2.0	91
61	The effect of exogenous nitric oxide on alleviating herbicide damage in <i>Chlorella vulgaris</i> . <i>Aquatic Toxicology</i> , 2009, 92, 250-257.	1.9	90
62	Multiphase Porous Electrochemical Catalysts Derived from Iron-Based Metal-Organic Framework Compounds. <i>Environmental Science & Technology</i> , 2019, 53, 6474-6482.	4.6	90
63	Enantiomeric separation of organophosphorus pesticides by high-performance liquid chromatography, gas chromatography and capillary electrophoresis and their applications to environmental fate and toxicity assays. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 1264-1276.	1.2	89
64	Enantioselective Degradation and Chiral Stability of Pyrethroids in Soil and Sediment. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 5040-5045.	2.4	88
65	Resolution of the Ongoing Challenge of Estimating Nonpoint Source Neonicotinoid Pollution in the Yangtze River Basin Using a Modified Mass Balance Approach. <i>Environmental Science & Technology</i> , 2019, 53, 2539-2548.	4.6	88
66	Single and Joint Acute Toxicity of Isocarbophos Enantiomers to <i>Daphnia magna</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 4273-4277.	2.4	87
67	Acute exposure to synthetic pyrethroids causes bioconcentration and disruption of the hypothalamus-pituitary-thyroid axis in zebrafish embryos. <i>Science of the Total Environment</i> , 2016, 542, 876-885.	3.9	87
68	Visible light-driven iodine-doped titanium dioxide nanotubes prepared by hydrothermal process and post-calcination. <i>Applied Catalysis A: General</i> , 2010, 378, 169-174.	2.2	86
69	Development of chiral stationary phases for high-performance liquid chromatographic separation. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 39, 180-194.	5.8	86
70	Iron-Catalyzed Oxidation of Tertiary Amines: Synthesis of α -1,3-Dicarbonyl Aldehydes by Three-Component C-C Couplings. <i>Organic Letters</i> , 2011, 13, 6272-6275.	2.4	82
71	Carbonaceous sulfur-containing chitosan-Fe(III): A novel adsorbent for efficient removal of copper (II) from water. <i>Chemical Engineering Journal</i> , 2015, 259, 372-380.	6.6	82
72	Separation and aquatic toxicity of enantiomers of the pyrethroid insecticide lambda-cyhalothrin. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 174-181.	2.2	81

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73	Permethrin exposure during puberty has the potential to enantioselectively induce reproductive toxicity in mice. <i>Environment International</i> , 2012, 42, 144-151.	4.8	80
74	Distribution, historical trends and inventories of polychlorinated biphenyls in sediments from Yangtze River Estuary and adjacent East China Sea. <i>Environmental Pollution</i> , 2012, 169, 20-26.	3.7	80
75	Benzotriazole UV 328 and UV-P showed distinct antiandrogenic activity upon human CYP3A4-mediated biotransformation. <i>Environmental Pollution</i> , 2017, 220, 616-624.	3.7	80
76	Disruption of the Hormonal Network and the Enantioselectivity of Bifenthrin in Trophoblast: Maternal Fetal Health Risk of Chiral Pesticides. <i>Environmental Science & Technology</i> , 2014, 48, 8109-8116.	4.6	77
77	Cobalt(III)-Catalyzed Allylation with Allyl Acetates by C-H/O Cleavage. <i>Synlett</i> , 2015, 26, 1596-1600.	1.0	77
78	ISOMER SELECTIVITY IN AQUATIC TOXICITY AND BIODEGRADATION OF BIFENTHRIN AND PERMETHRIN. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 1861.	2.2	76
79	Occurrence of phthalate esters in sediments in Qiantang River, China and inference with urbanization and river flow regime. <i>Journal of Hazardous Materials</i> , 2013, 248-249, 142-149.	6.5	76
80	Chiral Stability of Synthetic Pyrethroid Insecticides. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 3814-3820.	2.4	75
81	Enantiomeric Resolution and Biototoxicity of Methamidophos. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 8134-8138.	2.4	75
82	Synergistic Heterobimetallic Manifold for Expedient Manganese(I)-Catalyzed C-H Cyanation. <i>Chemistry - A European Journal</i> , 2016, 22, 17958-17961.	1.7	75
83	Isomer Selectivity in Aquatic Toxicity and Biodegradation of Cypermethrin. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6233-6238.	2.4	74
84	Inhibitory effects of paraquat on photosynthesis and the response to oxidative stress in <i>Chlorella vulgaris</i> . <i>Ecotoxicology</i> , 2009, 18, 537-543.	1.1	74
85	Effect of Chitosan on the Enantioselective Bioavailability of the Herbicide Dichlorprop to <i>Chlorella pyrenoidosa</i> . <i>Environmental Science & Technology</i> , 2010, 44, 4981-4987.	4.6	74
86	Spatial Distribution of Hexachlorocyclohexanes in Agricultural Soils in Zhejiang Province, China, and Correlations with Elevation and Temperature. <i>Environmental Science & Technology</i> , 2011, 45, 6303-6308.	4.6	74
87	Dissipation and Enantioselective Degradation of Plant Growth Retardants Paclobutrazol and Uniconazole in Open Field, Greenhouse, and Laboratory Soils. <i>Environmental Science & Technology</i> , 2013, 47, 843-849.	4.6	74
88	Catalyst-Guided C-H Hydroarylations by Manganese-Catalyzed Additive-Free C-H Activation. <i>Chemistry - A European Journal</i> , 2016, 22, 14856-14859.	1.7	74
89	Environmental exposure to polycyclic aromatic hydrocarbons (PAHs): The correlation with and impact on reproductive hormones in umbilical cord serum. <i>Environmental Pollution</i> , 2017, 220, 1429-1437.	3.7	74
90	Cytotoxicity evaluation of three pairs of hexabromocyclododecane (HBCD) enantiomers on Hep G2 cell. <i>Toxicology in Vitro</i> , 2008, 22, 1520-1527.	1.1	72

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91	Induction of hepatic estrogen-responsive gene transcription by permethrin enantiomers in male adult zebrafish. <i>Aquatic Toxicology</i> , 2008, 88, 146-152.	1.9	71
92	Induction of Macrophage Apoptosis by an Organochlorine Insecticide Acetofenate. <i>Chemical Research in Toxicology</i> , 2009, 22, 504-510.	1.7	71
93	Residues of Currently and Never Used Organochlorine Pesticides in Agricultural Soils from Zhejiang Province, China. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2982-2988.	2.4	71
94	Probing the Molecular Interaction of Triazole Fungicides with Human Serum Albumin by Multispectroscopic Techniques and Molecular Modeling. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 7203-7211.	2.4	70
95	Enantioselective phytotoxicity of the herbicide imazethapyr in rice. <i>Chemosphere</i> , 2009, 76, 885-892.	4.2	69
96	Integrative assessment of enantioselectivity in endocrine disruption and immunotoxicity of synthetic pyrethroids. <i>Environmental Pollution</i> , 2010, 158, 1968-1973.	3.7	67
97	Manganese(I)-Catalyzed Substitutive C ^α H Allylation. <i>Angewandte Chemie</i> , 2016, 128, 7878-7881.	1.6	66
98	Effects of Dissolved Organic Matter on Permethrin Bioavailability to <i>Daphnia</i> Species. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 3967-3972.	2.4	65
99	Inhibitory effects of atrazine on <i>Chlorella vulgaris</i> as assessed by real-time polymerase chain reaction. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 182-187.	2.2	65
100	Efficient removal of dyes in water using chitosan microsphere supported cobalt (II) tetrasulfophthalocyanine with H ₂ O ₂ . <i>Journal of Hazardous Materials</i> , 2010, 177, 560-566.	6.5	65
101	Separation and Analysis of Diastereomers and Enantiomers of Cypermethrin and Cyfluthrin by Gas Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 755-761.	2.4	64
102	INHIBITION OF AQUATIC TOXICITY OF PYRETHROID INSECTICIDES BY SUSPENDED SEDIMENT. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1913.	2.2	64
103	Occurrence of nitro- and oxy-PAHs in agricultural soils in eastern China and excess lifetime cancer risks from human exposure through soil ingestion. <i>Environment International</i> , 2017, 108, 261-270.	4.8	64
104	Fe-N-Graphene Wrapped Al ₂ O ₃ /Pentlandite from Microalgae: High Fenton Catalytic Efficiency from Enhanced Fe ³⁺ Reduction. <i>Environmental Science & Technology</i> , 2018, 52, 3608-3614.	4.6	64
105	Influence of organic matter and its clay complexes on metolachlor adsorption on soil. <i>Pest Management Science</i> , 1992, 36, 283-286.	0.6	63
106	Estrogenic activity of lambda-cyhalothrin in the MCF-7 human breast carcinoma cell line. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1194-1200.	2.2	63
107	Disrupting effects of bifenthrin on ovulatory gene expression and prostaglandin synthesis in rat ovarian granulosa cells. <i>Toxicology</i> , 2011, 282, 47-55.	2.0	62
108	Molecular interactions of benzophenone UV filters with human serum albumin revealed by spectroscopic techniques and molecular modeling. <i>Journal of Hazardous Materials</i> , 2013, 263, 618-626.	6.5	62

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109	Residues and enantiomeric profiling of organochlorine pesticides in sediments from Yueqing Bay and Sanmen Bay, East China Sea. <i>Chemosphere</i> , 2010, 80, 652-659.	4.2	61
110	Distribution of organochlorine pesticides in sediments from Yangtze River Estuary and the adjacent East China Sea: Implication of transport, sources and trends. <i>Chemosphere</i> , 2014, 114, 26-34.	4.2	61
111	Simultaneous determination of five nitroaniline and dinitroaniline isomers in wastewaters by solid-phase extraction and high-performance liquid chromatography with ultraviolet detection. <i>Chemosphere</i> , 2010, 81, 430-435.	4.2	60
112	Association of pyrethroids exposure with onset of puberty in Chinese girls. <i>Environmental Pollution</i> , 2017, 227, 606-612.	3.7	60
113	Iron-catalysed regioselective hydrogenation of terminal epoxides to alcohols under mild conditions. <i>Nature Catalysis</i> , 2019, 2, 523-528.	16.1	59
114	Structural Influences in Relative Sorptivity of Chloroacetanilide Herbicides on Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 4320-4325.	2.4	58
115	Origin of air pollution during a weekly heavy haze episode in Hangzhou, China. <i>Environmental Chemistry Letters</i> , 2014, 12, 543-550.	8.3	58
116	Analyzing Arabidopsis thaliana root proteome provides insights into the molecular bases of enantioselective imazethapyr toxicity. <i>Scientific Reports</i> , 2015, 5, 11975.	1.6	58
117	Degradation and detoxification of acetochlor in soils treated by organic and thiosulfate amendments. <i>Chemosphere</i> , 2007, 66, 286-292.	4.2	57
118	MnCl ₂ -Catalyzed C ^α H Alkylations with Alkyl Halides. <i>Chemistry - A European Journal</i> , 2017, 23, 11524-11528.	1.7	57
119	Degradation and Adsorption of Fosthiazate in Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6239-6242.	2.4	56
120	A comparative study of rac- and S-metolachlor toxicity to Daphnia magna. <i>Ecotoxicology and Environmental Safety</i> , 2006, 63, 451-455.	2.9	55
121	H ₂ O ₂ -induced surface modification: A facile, effective and environmentally friendly pretreatment of chitosan for dyes removal. <i>Chemical Engineering Journal</i> , 2011, 166, 474-482.	6.6	55
122	Enantioselective Physiological Effects of the Herbicide Diclofop on Cyanobacterium <i>Microcystis aeruginosa</i> . <i>Environmental Science & Technology</i> , 2013, 47, 3893-3901.	4.6	55
123	Exposure to Organochlorine Pollutants and Type 2 Diabetes: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e85556.	1.1	55
124	Permethrin is a potential thyroid-disrupting chemical: In vivo and in silico evidence. <i>Aquatic Toxicology</i> , 2016, 175, 39-46.	1.9	54
125	The occurrence and sources of polychlorinated biphenyls (PCBs) in agricultural soils across China with an emphasis on unintentionally produced PCBs. <i>Environmental Pollution</i> , 2021, 271, 116171.	3.7	54
126	Stereoisomeric Separation and Toxicity of a New Organophosphorus Insecticide Chloramidophos. <i>Chemical Research in Toxicology</i> , 2007, 20, 400-405.	1.7	53

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127	Visible Light-Induced Degradation of Phenol over Iodine-Doped Titanium Dioxide Modified with Platinum: Role of Platinum and the Reaction Mechanism. <i>Journal of Physical Chemistry C</i> , 2010, 114, 526-532.	1.5	52
128	Enantioselective Phytotoxicity of the Herbicide Imazethapyr on the Response of the Antioxidant System and Starch Metabolism in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2011, 6, e19451.	1.1	52
129	Atomic Insights into Distinct Hormonal Activities of Bisphenol A Analogues toward PPAR β and ER α Receptors. <i>Chemical Research in Toxicology</i> , 2014, 27, 1769-1779.	1.7	51
130	Residue patterns of currently, historically and never-used organochlorine pesticides in agricultural soils across China and associated health risks. <i>Environmental Pollution</i> , 2016, 219, 315-322.	3.7	51
131	A pH-responsive and magnetically separable dynamic system for efficient removal of highly dilute antibiotics in water. <i>Water Research</i> , 2016, 90, 24-33.	5.3	51
132	Relationships of Pyrethroid Exposure with Gonadotropin Levels and Pubertal Development in Chinese Boys. <i>Environmental Science & Technology</i> , 2017, 51, 6379-6386.	4.6	51
133	Enantioselective toxicities of chiral ionic liquids 1-alkyl-3-methylimidazolium lactate to aquatic algae. <i>Aquatic Toxicology</i> , 2014, 154, 114-120.	1.9	50
134	Flotation chemistry features in bastnaesite flotation with potassium lauryl phosphate. <i>Minerals Engineering</i> , 2016, 85, 17-22.	1.8	50
135	Functional Identification of Two Novel Genes from <i>Pseudomonas</i> sp. Strain HZN6 Involved in the Catabolism of Nicotine. <i>Applied and Environmental Microbiology</i> , 2012, 78, 2154-2160.	1.4	49
136	Synthesis of α -ester α -keto peroxides via iron-catalyzed carbonylation α peroxidation of α , β -unsaturated esters. <i>Tetrahedron</i> , 2012, 68, 10333-10337.	1.0	49
137	Assessing the underlying breast cancer risk of Chinese females contributed by dietary intake of residual DDT from agricultural soils. <i>Environment International</i> , 2014, 73, 208-215.	4.8	49
138	Metabolic Mechanism of Aryl Phosphorus Flame Retardants by Cytochromes P450: A Combined Experimental and Computational Study on Triphenyl Phosphate. <i>Environmental Science & Technology</i> , 2018, 52, 14411-14421.	4.6	49
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