

Weiping Liu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

326
papers

16,525
citations

70
h-index

107
g-index

345
ext. papers

18,354
ext. citations

7.1
avg. IF

7.06
L-index

#	Paper	IF	Citations
326	Weakly Coordinating Directing Groups for Ruthenium(II)-Catalyzed C-H Activation. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1461-1479	5.6	610
325	Manganese-Catalyzed C-H Activation. <i>ACS Catalysis</i> , 2016 , 6, 3743-3752	13.1	448
324	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, 701-6	11.5	411
323	Oxidative stress response and gene expression with atrazine exposure in adult female zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2010 , 78, 846-52	8.4	293
322	Fast and highly efficient removal of dyes under alkaline conditions using magnetic chitosan-Fe(III) hydrogel. <i>Water Research</i> , 2011 , 45, 5200-10	12.5	247
321	Iron-catalyzed carbonylation-peroxidation of alkenes with aldehydes and hydroperoxides. <i>Journal of the American Chemical Society</i> , 2011 , 133, 10756-9	16.4	238
320	Oxidative removal of bisphenol A by manganese dioxide: efficacy, products, and pathways. <i>Environmental Science & Technology</i> , 2009 , 43, 3860-4	10.3	221
319	Status of metal accumulation in farmland soils across China: from distribution to risk assessment. <i>Environmental Pollution</i> , 2013 , 176, 55-62	9.3	192
318	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	21.8	183
317	Enantioselectivity in environmental risk assessment of modern chiral pesticides. <i>Environmental Pollution</i> , 2010 , 158, 2371-83	9.3	183
316	Status of phthalate esters contamination in agricultural soils across China and associated health risks. <i>Environmental Pollution</i> , 2014 , 195, 16-23	9.3	168
315	Cobalt(III)-Catalyzed C-H/N-O Functionalizations: Isohyptic Access to Isoquinolines. <i>Chemistry - A European Journal</i> , 2015 , 21, 15525-8	4.8	163
314	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, 405-12	5.1	162
313	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	10.3	160
312	Manganese(I)-Catalyzed Substitutive C-H Allylation. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 7747-50	16.4	156
311	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	5.1	155
310	Manganese-catalyzed synthesis of cis- β -amino acid esters through organometallic C-H activation of ketimines. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4092-6	16.4	152

309	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	8.4	152
308	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, 854-61	4.3	148
307	Enantioselectivity in estrogenic potential and uptake of bifenthrin. <i>Environmental Science & Technology</i> , 2007 , 41, 6124-8	10.3	139
306	Allelochemical stress causes oxidative damage and inhibition of photosynthesis in <i>Chlorella vulgaris</i> . <i>Chemosphere</i> , 2009 , 75, 368-75	8.4	134
305	Ortho- and para-selective ruthenium-catalyzed C(sp ²)-H oxygenations of phenol derivatives. <i>Organic Letters</i> , 2013 , 15, 3484-6	6.2	133
304	Action mechanisms of acetolactate synthase-inhibiting herbicides. <i>Pesticide Biochemistry and Physiology</i> , 2007 , 89, 89-96	4.9	131
303	Reaction of tetrabromobisphenol A (TBBPA) with manganese dioxide: kinetics, products, and pathways. <i>Environmental Science & Technology</i> , 2009 , 43, 4480-6	10.3	127
302	Highly efficient detoxification of Cr(VI) by chitosan-Fe(III) complex: process and mechanism studies. <i>Journal of Hazardous Materials</i> , 2013 , 244-245, 689-97	12.8	119
301	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, 301-7	5.1	116
300	Manganese(I)-Catalyzed C-H Aminocarbonylation of Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14137-40	16.4	114
299	Enantioselective environmental toxicology of chiral pesticides. <i>Chemical Research in Toxicology</i> , 2015 , 28, 325-38	4	112
298	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	4.7	106
297	Methylenecyclopropane Annulation by Manganese(I)-Catalyzed Stereoselective C-H/C-C Activation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9415-9419	16.4	104
296	Cobalt Complexes as an Emerging Class of Catalysts for Homogeneous Hydrogenations. <i>Accounts of Chemical Research</i> , 2018 , 51, 1858-1869	24.3	104
295	Enantioselective degradation and ecotoxicity of the chiral herbicide diclofop in three freshwater alga cultures. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 2139-46	5.7	103
294	Thyroid Disruption by Bisphenol S Analogues via Thyroid Hormone Receptor [in Vitro, in Vivo, and Molecular Dynamics Simulation Study]. <i>Environmental Science & Technology</i> , 2018 , 52, 6617-6625	10.3	103
293	Occurrence and risk assessment of organophosphate esters in drinking water from Eastern China. <i>Science of the Total Environment</i> , 2015 , 538, 959-65	10.2	102
292	Drug metabolism by cytochrome p450 enzymes: what distinguishes the pathways leading to substrate hydroxylation over desaturation?. <i>Chemistry - A European Journal</i> , 2015 , 21, 9083-92	4.8	100

291	Enantiomer separation of triazole fungicides by high-performance liquid chromatography. <i>Chirality</i> , 2009 , 21, 421-7	2.1	100
290	Enantioselective separation and analysis of chiral pesticides by high-performance liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 1148-1163	14.6	99
289	Reinstate regional transport of PM2.5 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	11.5	98
288	Versatile ruthenium(II)-catalyzed C-H cyanations of benzamides. <i>Chemical Communications</i> , 2014 , 50, 1878-81	5.8	98
287	Potential estrogenic effects of phosphorus-containing flame retardants. <i>Environmental Science & Technology</i> , 2014 , 48, 6995-7001	10.3	97
286	Al-doping chitosan/Fe(III) hydrogel for the removal of fluoride from aqueous solutions. <i>Chemical Engineering Journal</i> , 2014 , 248, 98-106	14.7	96
285	Antioxidant defense system responses and DNA damage of earthworms exposed to perfluorooctane sulfonate (PFOS). <i>Environmental Pollution</i> , 2013 , 174, 121-7	9.3	96
284	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, 2975-8	16.4	95
283	Enantioselectivity tuning of chiral herbicide dichlorprop by copper: roles of reactive oxygen species. <i>Environmental Science & Technology</i> , 2011 , 45, 4778-84	10.3	93
282	Separation and aquatic toxicity of enantiomers of synthetic pyrethroid insecticides. <i>Chirality</i> , 2005 , 17 Suppl, S127-33	2.1	91
281	Endocrine-Disrupting Effects of Pesticides through Interference with Human Glucocorticoid Receptor. <i>Environmental Science & Technology</i> , 2016 , 50, 435-43	10.3	90
280	Determination of glyphosate by ion chromatography. <i>Journal of Chromatography A</i> , 1999 , 850, 297-301	4.5	89
279	Enantioselective phytoeffects of chiral pesticides. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 2087-95	5.7	86
278	Enantioselective cytotoxicity of the insecticide bifenthrin on a human amnion epithelial (FL) cell line. <i>Toxicology</i> , 2008 , 253, 89-96	4.4	86
277	Status, influences and risk assessment of hexachlorocyclohexanes in agricultural soils across china. <i>Environmental Science & Technology</i> , 2013 , 47, 12140-7	10.3	85
276	I2-catalyzed indole formation via oxidative cyclization of N-aryl enamines. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 1340-3	4.5	85
275	Phase distribution of synthetic pyrethroids in runoff and stream water. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 7-11	3.8	85
274	Joint toxicity of permethrin and cypermethrin at sublethal concentrations to the embryo-larval zebrafish. <i>Chemosphere</i> , 2014 , 96, 146-54	8.4	84

273	Enantioselective degradation and chiral stability of pyrethroids in soil and sediment. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 5040-5	5.7	84
272	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	10.3	81
271	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	5.1	81
270	Manganese(II)-Catalyzed Dispersion-Enabled C-H/C-C Activation. <i>Chemistry - A European Journal</i> , 2017 , 23, 5443-5447	4.8	79
269	The effect of exogenous nitric oxide on alleviating herbicide damage in <i>Chlorella vulgaris</i> . <i>Aquatic Toxicology</i> , 2009 , 92, 250-7	5.1	79
268	Embryonic exposure to butachlor in zebrafish (<i>Danio rerio</i>): endocrine disruption, developmental toxicity and immunotoxicity. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 89, 189-95	7	78
267	Iron-catalyzed oxidation of tertiary amines: synthesis of β , γ -dicarbonyl aldehydes by three-component C-C couplings. <i>Organic Letters</i> , 2011 , 13, 6272-5	6.2	77
266	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, 1264-76	3.2	75
265	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, 623-34	2.2	75
264	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	10.2	74
263	Isomer selectivity in aquatic toxicity and biodegradation of bifenthrin and permethrin. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 1861-6	3.8	72
262	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, 876-85	10.2	71
261	Mangankatalysierte Synthese von cis- β -Aminosäureestern mittels metallorganischer C-H-Aktivierung von Ketaminen. <i>Angewandte Chemie</i> , 2015 , 127, 4165-4169	3.6	71
260	Permethrin exposure during puberty has the potential to enantioselectively induce reproductive toxicity in mice. <i>Environment International</i> , 2012 , 42, 144-51	12.9	71
259	Development of chiral stationary phases for high-performance liquid chromatographic separation. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 39, 180-194	14.6	71
258	Separation and aquatic toxicity of enantiomers of the pyrethroid insecticide lambda-cyhalothrin. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 174-81	3.8	71
257	Cobalt(III)-Catalyzed Allylation with Allyl Acetates by C-H/C-D Cleavage. <i>Synlett</i> , 2015 , 26, 1596-1600	2.2	70
256	Carbonaceous sulfur-containing chitosan-Be(III): A novel adsorbent for efficient removal of copper (II) from water. <i>Chemical Engineering Journal</i> , 2015 , 259, 372-380	14.7	70

255	Single and joint acute toxicity of isocarbophos enantiomers to <i>Daphnia magna</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 4273-7	5.7	69
254	Cytotoxicity evaluation of three pairs of hexabromocyclododecane (HBCD) enantiomers on Hep G2 cell. <i>Toxicology in Vitro</i> , 2008 , 22, 1520-7	3.6	68
253	Enantiomeric resolution and biotoxicity of methamidophos. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 8134-8	5.7	68
252	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, 20-6	9.3	67
251	Isomer selectivity in aquatic toxicity and biodegradation of cypermethrin. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 6233-8	5.7	67
250	Chiral stability of synthetic pyrethroid insecticides. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 3814-20	5.7	66
249	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	10.3	65
248	Catalyst-Guided C=Het Hydroarylations by Manganese-Catalyzed Additive-Free C-H Activation. <i>Chemistry - A European Journal</i> , 2016 , 22, 14856-14859	4.8	64
247	Manganese(II)-Catalyzed Substitutive C _H Allylation. <i>Angewandte Chemie</i> , 2016 , 128, 7878-7881	3.6	64
246	Synergistic Heterobimetallic Manifold for Expedient Manganese(II)-Catalyzed C-H Cyanation. <i>Chemistry - A European Journal</i> , 2016 , 22, 17958-17961	4.8	63
245	Effect of chitosan on the enantioselective bioavailability of the herbicide dichlorprop to <i>Chlorella pyrenoidosa</i> . <i>Environmental Science & Technology</i> , 2010 , 44, 4981-7	10.3	63
244	Integrative assessment of enantioselectivity in endocrine disruption and immunotoxicity of synthetic pyrethroids. <i>Environmental Pollution</i> , 2010 , 158, 1968-73	9.3	63
243	Induction of hepatic estrogen-responsive gene transcription by permethrin enantiomers in male adult zebrafish. <i>Aquatic Toxicology</i> , 2008 , 88, 146-52	5.1	63
242	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, 8109-16	10.3	62
241	Induction of macrophage apoptosis by an organochlorine insecticide acetofenate. <i>Chemical Research in Toxicology</i> , 2009 , 22, 504-10	4	62
240	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, 142-9	12.8	61
239	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, 2982-8	5.7	61
238	Spatial distribution of hexachlorocyclohexanes in agricultural soils in Zhejiang province, China, and correlations with elevation and temperature. <i>Environmental Science & Technology</i> , 2011 , 45, 6303-8	10.3	59

237	Inhibitory effects of paraquat on photosynthesis and the response to oxidative stress in <i>Chlorella vulgaris</i> . <i>Ecotoxicology</i> , 2009 , 18, 537-43	2.9	59
236	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, 560-6	12.8	59
235	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, 182-7	3.8	58
234	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, 7203-11	5.7	57
233	Residues and enantiomeric profiling of organochlorine pesticides in sediments from Yueqing Bay and Sanmen Bay, East China Sea. <i>Chemosphere</i> , 2010 , 80, 652-9	8.4	57
232	Benzotriazole UV 328 and UV-P showed distinct antiandrogenic activity upon human CYP3A4-mediated biotransformation. <i>Environmental Pollution</i> , 2017 , 220, 616-624	9.3	56
231	Enantioselective phytotoxicity of the herbicide imazethapyr in rice. <i>Chemosphere</i> , 2009 , 76, 885-92	8.4	56
230	Separation and analysis of diastereomers and enantiomers of cypermethrin and cyfluthrin by gas chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 755-61	5.7	56
229	Influence of organic matter and its clay complexes on metolachlor adsorption on soil. <i>Pest Management Science</i> , 1992 , 36, 283-286		56
228	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	10.3	56
227	Disrupting effects of bifenthrin on ovulatory gene expression and prostaglandin synthesis in rat ovarian granulosa cells. <i>Toxicology</i> , 2011 , 282, 47-55	4.4	55
226	Effects of dissolved organic matter on permethrin bioavailability to <i>Daphnia</i> species. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 3967-72	5.7	55
225	Inhibition of aquatic toxicity of pyrethroid insecticides by suspended sediment. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 1913-9	3.8	55
224	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	8.4	54
223	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, 843-9	10.3	54
222	Structural influences in relative sorptivity of chloroacetanilide herbicides on soil. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 4320-5	5.7	53
221	Estrogenic activity of lambda-cyhalothrin in the MCF-7 human breast carcinoma cell line. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 1194-200	3.8	52
220	Multiphase Porous Electrochemical Catalysts Derived from Iron-Based Metal-Organic Framework Compounds. <i>Environmental Science & Technology</i> , 2019 , 53, 6474-6482	10.3	51

- 219 Molecular interactions of benzophenone UV filters with human serum albumin revealed by spectroscopic techniques and molecular modeling. *Journal of Hazardous Materials*, **2013**, 263 Pt 2, 618-26^{12.8} 51
- 218 Manganese(II)-Catalyzed C-H Aminocarbonylation of Heteroarenes. *Angewandte Chemie*, **2015**, 127, 14343-14346^{11.1} 51
- 217 Fe-N-Graphene Wrapped AlO/Pentlandite from Microalgae: High Fenton Catalytic Efficiency from Enhanced Fe Reduction. *Environmental Science & Technology*, **2018**, 52, 3608-3614 10.3 50
- 216 MnCl₂-Catalyzed C-H Alkylations with Alkyl Halides. *Chemistry - A European Journal*, **2017**, 23, 11524-11528^{11.8} 50
- 215 Stereoisomeric separation and toxicity of a new organophosphorus insecticide chloramidophos. *Chemical Research in Toxicology*, **2007**, 20, 400-5 4 50
- 214 Visible Light-Induced Degradation of Phenol over Iodine-Doped Titanium Dioxide Modified with Platinum: Role of Platinum and the Reaction Mechanism. *Journal of Physical Chemistry C*, **2010**, 114, 526-532^{11.8} 49
- 213 Enantioselective phytotoxicity of the herbicide imazethapyr on the response of the antioxidant system and starch metabolism in *Arabidopsis thaliana*. *PLoS ONE*, **2011**, 6, e19451 3.7 49
- 212 Degradation and detoxification of acetochlor in soils treated by organic and thiosulfate amendments. *Chemosphere*, **2007**, 66, 286-92 8.4 48
- 211 Environmental exposure to polycyclic aromatic hydrocarbons (PAHs): The correlation with and impact on reproductive hormones in umbilical cord serum. *Environmental Pollution*, **2017**, 220, 1429-1437^{9.3} 47
- 210 Simultaneous determination of five nitroaniline and dinitroaniline isomers in wastewaters by solid-phase extraction and high-performance liquid chromatography with ultraviolet detection. *Chemosphere*, **2010**, 81, 430-5 8.4 47
- 209 Degradation and adsorption of fosthiazate in soil. *Journal of Agricultural and Food Chemistry*, **2004**, 52, 6239-42 5.7 47
- 208 A pH-responsive and magnetically separable dynamic system for efficient removal of highly dilute antibiotics in water. *Water Research*, **2016**, 90, 24-33 12.5 46
- 207 Atomic insights into distinct hormonal activities of Bisphenol A analogues toward PPAR α and ER α receptors. *Chemical Research in Toxicology*, **2014**, 27, 1769-79 4 46
- 206 Synthesis of α -ester ketoperoxides via iron-catalyzed carbonylation/oxidation of α -unsaturated esters. *Tetrahedron*, **2012**, 68, 10333-10337 2.4 46
- 205 Functional identification of two novel genes from *Pseudomonas* sp. strain HZN6 involved in the catabolism of nicotine. *Applied and Environmental Microbiology*, **2012**, 78, 2154-60 4.8 46
- 204 Exposure to organochlorine pollutants and type 2 diabetes: a systematic review and meta-analysis. *PLoS ONE*, **2014**, 9, e85556 3.7 45
- 203 Origin of air pollution during a weekly heavy haze episode in Hangzhou, China. *Environmental Chemistry Letters*, **2014**, 12, 543-550 13.3 45
- 202 A comparative study of rac- and S-metolachlor toxicity to *Daphnia magna*. *Ecotoxicology and Environmental Safety*, **2006**, 63, 451-5 7 45

201	Sensitive determination of DNA based on the interaction between norfloxacin-Tb3+ complex and DNA. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 6207-12	5.7	44
200	Enantioselective damage of diclofop acid mediated by oxidative stress and acetyl-CoA carboxylase in nontarget plant <i>Arabidopsis thaliana</i> . <i>Environmental Science & Technology</i> , 2012 , 46, 8405-12	10.3	43
199	H2O2-induced surface modification: A facile, effective and environmentally friendly pretreatment of chitosan for dyes removal. <i>Chemical Engineering Journal</i> , 2011 , 166, 474-482	14.7	43
198	Enantioselective phytotoxicity of the herbicide imazethapyr and its effect on rice physiology and gene transcription. <i>Environmental Science & Technology</i> , 2011 , 45, 7036-43	10.3	43
197	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, 208-15	12.9	42
196	Enantioselective toxicities of chiral ionic liquids 1-alkyl-3-methylimidazolium lactate to aquatic algae. <i>Aquatic Toxicology</i> , 2014 , 154, 114-20	5.1	42
195	Enantioselective physiological effects of the herbicide diclofop on cyanobacterium <i>Microcystis aeruginosa</i> . <i>Environmental Science & Technology</i> , 2013 , 47, 3893-901	10.3	42
194	Determination of enantiomers of synthetic pyrethroids in water by solid phase microextraction - enantioselective gas chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 736-41	5.7	42
193	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	12.9	41
192	Polychlorinated biphenyls in surface sediments of Yueqing Bay, Xiangshan Bay, and Sanmen Bay in East China Sea. <i>Chemosphere</i> , 2011 , 83, 137-43	8.4	41
191	Distribution of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDDs/Fs) and dioxin-like polychlorinated biphenyls (dioxin-like PCBs) in the soil in a typical area of eastern China. <i>Journal of Hazardous Materials</i> , 2009 , 163, 959-66	12.8	41
190	Isolation, transposon mutagenesis, and characterization of the novel nicotine-degrading strain <i>Shinella</i> sp. HZN7. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 2625-36	5.7	40
189	Analyzing <i>Arabidopsis thaliana</i> root proteome provides insights into the molecular bases of enantioselective imazethapyr toxicity. <i>Scientific Reports</i> , 2015 , 5, 11975	4.9	40
188	Enantioselectivity in zebrafish embryo toxicity of the insecticide acetofenate. <i>Chemical Research in Toxicology</i> , 2008 , 21, 1050-5	4	40
187	Stereoisomeric separation and toxicity of the nematicide fosthiazate. <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 2339-44	3.8	40
186	Methylenecyclopropane Annulation by Manganese(II)-Catalyzed Stereoselective C _{Br} /C _{Cl} Activation. <i>Angewandte Chemie</i> , 2017 , 129, 9543-9547	3.6	39
185	Enantioselectivity in the phytotoxicity of herbicide imazethapyr. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 1624-31	5.7	39
184	Separation and aquatic toxicity of enantiomers of the organophosphorus insecticide trichloronate. <i>Chirality</i> , 2006 , 18, 713-6	2.1	39

183	Association of pyrethroids exposure with onset of puberty in Chinese girls. <i>Environmental Pollution</i> , 2017 , 227, 606-612	9.3	38
182	Flotation chemistry features in bastnaesite flotation with potassium lauryl phosphate. <i>Minerals Engineering</i> , 2016 , 85, 17-22	4.9	38
181	Permethrin is a potential thyroid-disrupting chemical: In vivo and in silico evidence. <i>Aquatic Toxicology</i> , 2016 , 175, 39-46	5.1	38
180	Risks from sediments contaminated with organochlorine pesticides in Hangzhou, China. <i>Chemosphere</i> , 2013 , 90, 2341-6	8.4	38
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38	Efficient removal of antibiotics in a fluidized bed reactor by facile fabricated magnetic powdered activated carbon. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 3820-3828	5.1	6
37	Deviations from Beer's law in electronic absorption and circular dichroism: Detection for enantiomeric excess analysis. <i>Chirality</i> , 2019 , 31, 492-501	2.1	6
36	Influence of toxicity and dissipation of racemic fenoxaprop and its R-enantiomer in <i>Scenedesmus obliquus</i> suspension by cyclodextrins. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2008 , 43, 231-6	2.2	6
35	Adsorption of water and fatty acids at magnesium hydroxide surface from an MDS perspective. <i>Surface Innovations</i> , 2019 , 7, 304-316	1.9	6
34	Ternary metal oxide embedded carbon derived from metal organic frameworks for adsorption of methylene blue and acid red 73. <i>Chemosphere</i> , 2021 , 280, 130567	8.4	6
33	A General Regioselective Synthesis of Alcohols by Cobalt-Catalyzed Hydrogenation of Epoxides. <i>Angewandte Chemie</i> , 2020 , 132, 11417-11420	3.6	5
32	Improved Lime Method to Prepare High-Purity Magnesium Hydroxide and Light Magnesia from Bischofite. <i>Jom</i> , 2019 , 71, 4674-4680	2.1	5
31	Adsorption and desorption of dimepiperate by soils. <i>Water, Air, and Soil Pollution</i> , 1994 , 73, 325-331	2.6	5
30	Occurrence of Free-Form and Conjugated Bisphenol Analogues in Marine Organisms. <i>Environmental Science & Technology</i> , 2021 , 55, 4914-4922	10.3	5
29	Stereoselective phytotoxicity of HCH mediated by photosynthetic and antioxidant defense systems in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2013 , 8, e51043	3.7	4
28	Analysis of fluazifop-butyl and fluazifop residues in soil and crops by gas chromatography. <i>Analyst</i> , 1991 , 116, 273	5	4
27	Synergistic effects of lanthanide surface adhesion and photon-upconversion for enhanced near-infrared responsive photodegradation of organic contaminants in wastewater. <i>Environmental Science: Nano</i> , 2020 , 7, 3333-3342	7.1	4
26	Porous carbon monoliths for electrochemical removal of aqueous herbicides by "one-stop" catalysis of oxygen reduction and HO activation. <i>Journal of Hazardous Materials</i> , 2021 , 414, 125592	12.8	4
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24	Prenatal and postnatal transfer of perfluoroalkyl substances from mothers to their offspring. <i>Critical Reviews in Environmental Science and Technology</i> , 1-28	11.1	4
23	Metabolic Susceptibility of 2-Chlorothioxanthone and Its Toxic Effects on mRNA and Protein Expression and Activities of Human CYP1A2 and CYP3A4 Enzymes. <i>Environmental Science & Technology</i> , 2018 , 52, 11904-11912	10.3	4
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20	Assessment of arsenic in colostrum and cord serum and risk exposure to neonates from an island population in China. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 22467-22476	5.1	3
19	Determination of the Relative Configuration of α -Amino Acid Esters Based on Residual Dipolar Couplings. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 6801-6805	3.2	3
18	Mechanisms of composition change and toxic potentiation of chloramidophos emulsifiable concentrate during storage. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 930-7	5.7	3
17	Method for the determination of butachlor residues in water, soil and rice. <i>Pest Management Science</i> , 1991 , 33, 81-86		3
16	Thyroid Dysfunction of Zebrafish (<i>Danio rerio</i>) after Early-Life Exposure and Discontinued Exposure to Tetrabromobiphenyl (BB-80) and OH-BB-80. <i>Environmental Science & Technology</i> , 2022 ,	10.3	3
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