

Xinru Wang

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

493
citations

687363

13
h-index

752698

20
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31
all docs

31
docs citations

31
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Application and enantioselective residue determination of chiral pesticide penconazole in grape, tea, aquatic vegetables and soil by ultra performance liquid chromatography-tandem mass spectrometry. <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 530-537.	6.0	59
2	Transfer of pesticide residue during tea brewing: Understanding the effects of pesticide's physico-chemical parameters on its transfer behavior. <i>Food Research International</i> , 2019, 121, 776-784.	6.2	52
3	The degradation and metabolism of chlorfluazuron and flonicamid in tea: A risk assessment from tea garden to cup. <i>Science of the Total Environment</i> , 2021, 754, 142070.	8.0	32
4	Gender-Related Differences in Stereoselective Degradation of Flutriafol in Rabbits. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 10071-10077.	5.2	25
5	Residue reduction and risk evaluation of chlorfenapyr residue in tea planting, tea processing, and tea brewing. <i>Science of the Total Environment</i> , 2020, 738, 139613.	8.0	25
6	Application and enantiomeric residue determination of diniconazole in tea and grape and apple by supercritical fluid chromatography coupled with quadrupole-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1581-1582, 144-155.	3.7	19
7	Monitoring tryptophan metabolism after exposure to hexaconazole and the enantioselective metabolism of hexaconazole in rat hepatocytes in vitro. <i>Journal of Hazardous Materials</i> , 2015, 295, 9-16.	12.4	17
8	Stereoselective degradation of metalaxyl and its enantiomers in rat and rabbit hepatic microsomes <i>in vitro</i> . <i>Xenobiotica</i> , 2012, 42, 580-586.	1.1	16
9	NMR- and LC-MS/MS-based urine metabolomic investigation of the subacute effects of hexabromocyclododecane in mice. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8500-8507.	5.3	16
10	Evaluating the enantioselective degradation and novel metabolites following a single oral dose of metalaxyl in mice. <i>Pesticide Biochemistry and Physiology</i> , 2014, 116, 32-39.	3.6	15
11	Enantiomeric Separation of Chiral Pesticides by Permethylated β -Cyclodextrin Stationary Phase in Reversed Phase Liquid Chromatography. <i>Chirality</i> , 2016, 28, 409-414.	2.6	14
12	Study of the Enantioselective Interaction of Diclofop and Human Serum Albumin by Spectroscopic and Molecular Modeling Approaches In Vitro. <i>Chirality</i> , 2013, 25, 719-725.	2.6	13
13	Stereoselective Degradation of Chiral Fungicide Myclobutanil in Rat Liver Microsomes. <i>Chirality</i> , 2014, 26, 51-55.	2.6	13
14	A combined non-targeted and targeted metabolomics approach to study the stereoselective metabolism of benalaxyl enantiomers in mouse hepatic microsomes. <i>Environmental Pollution</i> , 2016, 212, 358-365.	7.5	13
15	Enantioselective metabolism and enantiomerization of benalaxyl in mice. <i>Chemosphere</i> , 2017, 169, 308-315.	8.2	13
16	Stereoselective Toxicity and Metabolism of Lactofen in Primary Hepatocytes From Rat. <i>Chirality</i> , 2013, 25, 743-750.	2.6	12
17	Enantioselective Metabolism and Interference on Tryptophan Metabolism of Myclobutanil in Rat Hepatocytes. <i>Chirality</i> , 2015, 27, 643-649.	2.6	12
18	Rapid Metabolite Discovery, Identification, and Accurate Comparison of the Stereoselective Metabolism of Metalaxyl in Rat Hepatic Microsomes. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 754-760.	5.2	12

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19	The fate of technical-grade chlordane in mice fed a high-fat diet and its roles as a candidate obesogen. <i>Environmental Pollution</i> , 2017, 222, 532-542.	7.5	12
20	Enantioselective metabolism and cytotoxicity of the chiral herbicide ethofumesate in rat and chicken hepatocytes. <i>Pesticide Biochemistry and Physiology</i> , 2012, 103, 62-67.	3.6	11
21	Residue dissipation, transfer and safety evaluation of picoxystrobin during tea growing and brewing. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 194-204.	3.5	11
22	Dissipation behavior and risk assessment of tolfenpyrad from tea bushes to consuming. <i>Science of the Total Environment</i> , 2022, 806, 150771.	8.0	11
23	Gender-Related In Vitro Metabolism of Hexaconazole and Its Enantiomers in Rats. <i>Chirality</i> , 2013, 25, 852-857.	2.6	10
24	Enantioselective metabolism and toxic effects of metalaxyl on primary hepatocytes from rat. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18649-18656.	5.3	9
25	Subacute oral toxicity assessment of benalaxyl in mice based on metabolomics methods. <i>Chemosphere</i> , 2018, 191, 373-380.	8.2	9
26	Residue degradation and metabolism of spinetoram in tea: A growing, processing and brewing risk assessment. <i>Food Control</i> , 2021, 125, 107955.	5.5	9
27	Stereoselective metabolism and toxicity of the herbicide fluroxypyr methylheptyl ester in rat hepatocytes. <i>Chirality</i> , 2011, 23, 860-866.	2.6	8
28	Enantioselective residue analysis of oxathiapiprolin and its metabolite in tea and other crops by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2020, 43, 3856-3867.	2.5	7
29	Evaluating the enantioselective distribution, degradation and excretion of epoxiconazole in mice following a single oral gavage. <i>Xenobiotica</i> , 2015, 45, 1009-1015.	1.1	6
30	Stereoselective Degradation of alpha-Cypermethrin and Its Enantiomers in Rat Liver Microsomes. <i>Chirality</i> , 2016, 28, 58-64.	2.6	6
31	Residue degradation, transfer and risk assessment of pyriproxyfen and its metabolites from tea garden to cup by ultra performance liquid chromatography tandem mass spectrometry. <i>Journal of the Science of Food and Agriculture</i> , 2022, , .	3.5	6