

Yongquan Zheng

List of Publications by Year in descending order

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179
papers

5,414
citations

76196

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143772

57
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179
all docs

179
docs citations

179
times ranked

3521
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Chiral Triazole Fungicide Difenoconazole: Absolute Stereochemistry, Stereoselective Bioactivity, Aquatic Toxicity, and Environmental Behavior in Vegetables and Soil. <i>Environmental Science & Technology</i> , 2013, 47, 3386-3394. | 4.6 | 218 |
| 2 | Simultaneous enantioselective determination of triazole fungicides in soil and water by chiral liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1224, 51-60. | 1.8 | 122 |
| 3 | Enantioselectivity in tebuconazole and myclobutanil non-target toxicity and degradation in soils. <i>Chemosphere</i> , 2015, 122, 145-153. | 4.2 | 98 |
| 4 | Simultaneous determination of five pyrazole fungicides in cereals, vegetables and fruits using liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1262, 98-106. | 1.8 | 93 |
| 5 | Simultaneous determination of cyflumetofen and its main metabolite residues in samples of plant and animal origin using multi-walled carbon nanotubes in dispersive solid-phase extraction and ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1300, 95-103. | 1.8 | 86 |
| 6 | Characterization of peanut-shell biochar and the mechanisms underlying its sorption for atrazine and nicosulfuron in aqueous solution. <i>Science of the Total Environment</i> , 2020, 702, 134767. | 3.9 | 82 |
| 7 | Enantioselective Analysis of Triazole Fungicide Myclobutanil in Cucumber and Soil under Different Application Modes by Chiral Liquid Chromatography/Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1929-1936. | 2.4 | 80 |
| 8 | Simultaneous determination of organophosphorus pesticides in fruits and vegetables using atmospheric pressure gas chromatography quadrupole-time-of-flight mass spectrometry. <i>Food Chemistry</i> , 2017, 231, 365-373. | 4.2 | 80 |
| 9 | Stereoselective analysis of novel chiral fungicide pyrisoxazole in cucumber, tomato and soil under different application methods with supercritical fluid chromatography/tandem mass spectrometry. <i>Journal of Hazardous Materials</i> , 2016, 311, 115-124. | 6.5 | 79 |
| 10 | Simultaneous determination of spirotriamat and its four metabolites in fruits and vegetables using a modified quick, easy, cheap, effective, rugged, and safe method and liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1299, 71-77. | 1.8 | 77 |
| 11 | Progress of the discovery, application, and control technologies of chemical pesticides in China. <i>Journal of Integrative Agriculture</i> , 2019, 18, 840-853. | 1.7 | 73 |
| 12 | Chiral fungicide triadimefon and triadimenol: Stereoselective transformation in greenhouse crops and soil, and toxicity to <i>Daphnia magna</i> . <i>Journal of Hazardous Materials</i> , 2014, 265, 115-123. | 6.5 | 72 |
| 13 | Sorption, degradation and bioavailability of oxyfluorfen in biochar-amended soils. <i>Science of the Total Environment</i> , 2019, 658, 87-94. | 3.9 | 72 |
| 14 | Determination of difenoconazole residue in tomato during home canning by UPLC-MS/MS. <i>Food Control</i> , 2012, 23, 542-546. | 2.8 | 71 |
| 15 | Responses of soil microbial community to different concentration of fomesafen. <i>Journal of Hazardous Materials</i> , 2014, 273, 155-164. | 6.5 | 71 |
| 16 | Ecological toxicity reduction of dinotefuran to honeybee: New perspective from an enantiomeric level. <i>Environment International</i> , 2019, 130, 104854. | 4.8 | 69 |
| 17 | Supercritical fluid chromatography-tandem mass spectrometry-assisted methodology for rapid enantiomeric analysis of fenbuconazole and its chiral metabolites in fruits, vegetables, cereals, and soil. <i>Food Chemistry</i> , 2018, 241, 32-39. | 4.2 | 68 |
| 18 | Chiral bioaccumulation behavior of tebuconazole in the zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 78-84. | 2.9 | 64 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Effects of hexaconazole application on soil microbes community and nitrogen transformations in paddy soils. <i>Science of the Total Environment</i> , 2017, 609, 655-663. | 3.9 | 62 |
| 20 | Development of <i>S</i> -Fluxametamide for Bioactivity Improvement and Risk Reduction: Systemic Evaluation of the Novel Insecticide Fluxametamide at the Enantiomeric Level. <i>Environmental Science & Technology</i> , 2019, 53, 13657-13665. | 4.6 | 58 |
| 21 | Stereoselective degradation of fungicide triadimenol in cucumber plants. <i>Chirality</i> , 2010, 22, 292-298. | 1.3 | 56 |
| 22 | Environmental Behavior of the Chiral Triazole Fungicide Fenbuconazole and Its Chiral Metabolites: Enantioselective Transformation and Degradation in Soils. <i>Environmental Science & Technology</i> , 2012, 46, 2675-2683. | 4.6 | 56 |
| 23 | Characteristics of neonicotinoid imidacloprid in urine following exposure of humans to orchards in China. <i>Environment International</i> , 2019, 132, 105079. | 4.8 | 56 |
| 24 | Green and Sensitive Supercritical Fluid Chromatographic-Tandem Mass Spectrometric Method for the Separation and Determination of Flutriafol Enantiomers in Vegetables, Fruits, and Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 11457-11464. | 2.4 | 54 |
| 25 | Response of microbial community to a new fungicide fluopyram in the silty-loam agricultural soil. <i>Ecotoxicology and Environmental Safety</i> , 2014, 108, 273-280. | 2.9 | 53 |
| 26 | Impact of imazethapyr on the microbial community structure in agricultural soils. <i>Chemosphere</i> , 2010, 81, 800-806. | 4.2 | 52 |
| 27 | Stereoselective separation and pharmacokinetic dissipation of the chiral neonicotinoid sulfoxaflor in soil by ultraperformance convergence chromatography/tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 6677-6690. | 1.9 | 51 |
| 28 | Stereoselective bioactivity, acute toxicity and dissipation in typical paddy soils of the chiral fungicide propiconazole. <i>Journal of Hazardous Materials</i> , 2018, 359, 194-202. | 6.5 | 50 |
| 29 | Urinary monitoring of neonicotinoid imidacloprid exposure to pesticide applicators. <i>Science of the Total Environment</i> , 2019, 669, 721-728. | 3.9 | 50 |
| 30 | Residue analysis of four diacylhydrazine insecticides in fruits and vegetables by Quick, Easy, Cheap, Effective, Rugged, and Safe (QuEChERS) method using ultra-performance liquid chromatography coupled to tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1051-1058. | 1.9 | 49 |
| 31 | Simultaneous enantioselective determination of fenbuconazole and its main metabolites in soil and water by chiral liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 6667-6674. | 1.8 | 48 |
| 32 | Stereoselective Analysis and Dissipation of Propiconazole in Wheat, Grapes, and Soil by Supercritical Fluid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 234-243. | 2.4 | 48 |
| 33 | Effects of triï¬,uralin on the soil microbial community and functional groups involved in nitrogen cycling. <i>Journal of Hazardous Materials</i> , 2018, 353, 204-213. | 6.5 | 48 |
| 34 | Simultaneous determination of four neonicotinoid insecticides residues in cereals, vegetables and fruits using ultra-performance liquid chromatography/tandem mass spectrometry. <i>Analytical Methods</i> , 2013, 5, 1449. | 1.3 | 47 |
| 35 | Response surface methodology for the enantioseparation of dinotefuran and its chiral metabolite in bee products and environmental samples by supercritical fluid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1410, 181-189. | 1.8 | 47 |
| 36 | Chemometric-assisted QuEChERS extraction method for the residual analysis of thiacloprid, spirotetramat and spirotetramat's four metabolites in pepper: Application of their dissipation patterns. <i>Food Chemistry</i> , 2016, 192, 893-899. | 4.2 | 46 |

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|----|--|-----|-----------|
| 37 | Determination of ametoctradin residue in fruits and vegetables by modified quick, easy, cheap, effective, rugged, and safe method using ultra-performance liquid chromatography/tandem mass spectrometry. <i>Food Chemistry</i> , 2015, 175, 395-400. | 4.2 | 45 |
| 38 | The fate of spirotetramat and its metabolite spirotetramat-enol in apple samples during apple cider processing. <i>Food Control</i> , 2013, 34, 283-290. | 2.8 | 44 |
| 39 | Simultaneous determination of fipronil and its major metabolites in corn and soil by ultra-performance liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2014, 6, 1788-1795. | 1.3 | 44 |
| 40 | Enantioselective determination of triazole fungicide tebuconazole in vegetables, fruits, soil and water by chiral liquid chromatography/tandem mass spectrometry. <i>Journal of Separation Science</i> , 2012, 35, 206-215. | 1.3 | 42 |
| 41 | Atmospheric pressure gas chromatography quadrupole-time-of-flight mass spectrometry for simultaneous determination of fifteen organochlorine pesticides in soil and water. <i>Journal of Chromatography A</i> , 2016, 1435, 115-124. | 1.8 | 42 |
| 42 | Effects of biochars on the fate of acetochlor in soil and on its uptake in maize seedling. <i>Environmental Pollution</i> , 2018, 241, 710-719. | 3.7 | 42 |
| 43 | Simultaneous enantioselective determination of triazole fungicide difenoconazole and its main chiral metabolite in vegetables and soil by normal-phase high-performance liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2017-2031. | 1.9 | 41 |
| 44 | Development of a multi-residue enantiomeric analysis method for 9 pesticides in soil and water by chiral liquid chromatography/tandem mass spectrometry. <i>Journal of Hazardous Materials</i> , 2013, 250-251, 9-18. | 6.5 | 41 |
| 45 | Degradation products and pathway of ethiprole in water and soil. <i>Water Research</i> , 2019, 161, 531-539. | 5.3 | 40 |
| 46 | Determination of sulfoxaflor residues in vegetables, fruits and soil using ultra-performance liquid chromatography/tandem mass spectrometry. <i>Analytical Methods</i> , 2012, 4, 4019. | 1.3 | 39 |
| 47 | Effect of household canning on the distribution and reduction of thiophanate-methyl and its metabolite carbendazim residues in tomato. <i>Food Control</i> , 2014, 43, 115-120. | 2.8 | 39 |
| 48 | Stereoselective Determination of Tebuconazole in Water and Zebrafish by Supercritical Fluid Chromatography Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6297-6303. | 2.4 | 39 |
| 49 | Enantioselective separation and transformation of metalaxyl and its major metabolite metalaxyl acid in tomato and cucumber. <i>Food Chemistry</i> , 2013, 141, 10-17. | 4.2 | 38 |
| 50 | Residue change of pyridaben in apple samples during apple cider processing. <i>Food Control</i> , 2014, 37, 240-244. | 2.8 | 38 |
| 51 | Degradation of difenoconazole in water and soil: Kinetics, degradation pathways, transformation products identification and ecotoxicity assessment. <i>Journal of Hazardous Materials</i> , 2021, 418, 126303. | 6.5 | 38 |
| 52 | Health risks to dietary neonicotinoids are low for Chinese residents based on an analysis of 13 daily-consumed foods. <i>Environment International</i> , 2021, 149, 106385. | 4.8 | 37 |
| 53 | Simultaneous determination of oxathiapiprolin and two metabolites in fruits, vegetables and cereal using a modified quick, easy, cheap, effective, rugged, and safe method and liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1329, 30-37. | 1.8 | 36 |
| 54 | Determination of tebuconazole, trifloxystrobin and its metabolite in fruit and vegetables by a Quick, Easy, Cheap, Effective, Rugged and Safe (QuEChERS) method using gas chromatography with a nitrogen-phosphorus detector and ion trap mass spectrometry. <i>Biomedical Chromatography</i> , 2011, 25, 1081-1090. | 0.8 | 35 |

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|----|--|-----|-----------|
| 55 | The behavior of chlorpyrifos and its metabolite 3,5,6-trichloro-2-pyridinol in tomatoes during home canning. <i>Food Control</i> , 2013, 31, 560-565. | 2.8 | 35 |
| 56 | Enantioseparation and determination of isofenphos-methyl enantiomers in wheat, corn, peanut and soil with Supercritical fluid chromatography/tandem mass spectrometric method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1015-1016, 13-21. | 1.2 | 35 |
| 57 | Thifluzamide affects lipid metabolism in zebrafish (<i>Danio reio</i>). <i>Science of the Total Environment</i> , 2018, 633, 1227-1236. | 3.9 | 35 |
| 58 | Kinetics, mechanisms and toxicity of the degradation of imidaclothiz in soil and water. <i>Journal of Hazardous Materials</i> , 2021, 403, 124033. | 6.5 | 35 |
| 59 | Determination of Chlorantraniliprole Residues in Corn and Soil by UPLC-ESI-MS/MS and Its Application to a Pharmacokinetic Study. <i>Chromatographia</i> , 2011, 74, 399-406. | 0.7 | 34 |
| 60 | The fate and enantioselective behavior of zoxamide during wine-making process. <i>Food Chemistry</i> , 2018, 248, 14-20. | 4.2 | 34 |
| 61 | Clomazone influence soil microbial community and soil nitrogen cycling. <i>Science of the Total Environment</i> , 2018, 644, 475-485. | 3.9 | 34 |
| 62 | Enantioselective fate of dinotefuran from tomato cultivation to home canning for refining dietary exposure. <i>Journal of Hazardous Materials</i> , 2021, 405, 124254. | 6.5 | 34 |
| 63 | Simultaneous determination of chlorantraniliprole and cyantraniliprole in fruits, vegetables and cereals using ultra-high-performance liquid chromatography-tandem mass spectrometry with the isotope-labelled internal standard method. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4111-4120. | 1.9 | 33 |
| 64 | Simultaneous determination of penflufen and one metabolite in vegetables and cereals using a modified quick, easy, cheap, effective, rugged, and safe method and liquid chromatography coupled to tandem mass spectrometry. <i>Food Chemistry</i> , 2016, 213, 410-416. | 4.2 | 33 |
| 65 | Concentrations and dissipation of difenoconazole and fluxapyroxad residues in apples and soil, determined by ultrahigh-performance liquid chromatography electrospray ionization tandem mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2016, 23, 5618-5626. | 2.7 | 33 |
| 66 | Effect of tetraconazole application on the soil microbial community. <i>Environmental Science and Pollution Research</i> , 2014, 21, 8323-8332. | 2.7 | 32 |
| 67 | Concentration and dissipation of chlorantraniliprole and thiamethoxam residues in maize straw, maize, and soil. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 594-601. | 0.7 | 32 |
| 68 | Influence of Uptake Pathways on the Stereoselective Dissipation of Chiral Neonicotinoid Sulfoxaflor in Greenhouse Vegetables. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2655-2660. | 2.4 | 32 |
| 69 | Effects of myclobutanil on soil microbial biomass, respiration, and soil nitrogen transformations. <i>Environmental Pollution</i> , 2016, 208, 811-820. | 3.7 | 32 |
| 70 | The application of chiral ultra-high-performance liquid chromatography tandem mass spectrometry to the separation of the zoxamide enantiomers and the study of enantioselective degradation process in agricultural plants. <i>Journal of Chromatography A</i> , 2017, 1525, 87-95. | 1.8 | 32 |
| 71 | Simultaneous determination of trifloxystrobin and trifloxystrobin acid residue in rice and soil by a modified quick, easy, cheap, effective, rugged, and safe method using ultra high performance liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2014, 37, 1640-1647. | 1.3 | 31 |
| 72 | Management of pesticide residues in China. <i>Journal of Integrative Agriculture</i> , 2015, 14, 2319-2327. | 1.7 | 31 |

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|----|--|-----|-----------|
| 73 | Enantioselective Degradation of Chiral Insecticide Dinotefuran in Greenhouse Cucumber and Soil. <i>Chirality</i> , 2015, 27, 137-141. | 1.3 | 31 |
| 74 | Determination and dissipation of afidopyropen and its metabolite in wheat and soil using QuEChERS-UHPLC-MS/MS. <i>Journal of Separation Science</i> , 2018, 41, 1674-1681. | 1.3 | 31 |
| 75 | Crosstalk of oxidative damage, apoptosis, and autophagy under endoplasmic reticulum (ER) stress involved in thifluzamide-induced liver damage in zebrafish (<i>Danio rerio</i>). <i>Environmental Pollution</i> , 2018, 243, 1904-1911. | 3.7 | 31 |
| 76 | Cumulative risk assessment of dietary exposure to triazole fungicides from 13 daily-consumed foods in China. <i>Environmental Pollution</i> , 2021, 286, 117550. | 3.7 | 31 |
| 77 | Determination of Sulfoxaflor in Animal Origin Foods Using Dispersive Solid-Phase Extraction and Multiplug Filtration Cleanup Method Based on Multiwalled Carbon Nanotubes by Ultraperformance Liquid Chromatography/Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2641-2646. | 2.4 | 30 |
| 78 | Enantioseparation of Imazalil and Monitoring of Its Enantioselective Degradation in Apples and Soils Using Ultrahigh-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3259-3267. | 2.4 | 30 |
| 79 | Ultrasensitive immunoassay for detection of zearalenone in agro-products using enzyme and antibody co-embedded zeolitic imidazolate framework as labels. <i>Journal of Hazardous Materials</i> , 2021, 412, 125276. | 6.5 | 30 |
| 80 | Determination of nonylphenol ethoxylate metabolites in vegetables and crops by high performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2012, 132, 502-507. | 4.2 | 29 |
| 81 | Enantioselective separation and dissipation of pydiflumetofen enantiomers in grape and soil by supercritical fluid chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2020, 43, 2217-2227. | 1.3 | 29 |
| 82 | Miniaturized liquid-liquid extraction coupled with ultra-performance liquid chromatography/tandem mass spectrometry for determination of topramezone in soil, corn, wheat, and water. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 3097-3107. | 1.9 | 28 |
| 83 | Studies of Enantiomeric Degradation of the Triazole Fungicide Hexaconazole in Tomato, Cucumber, and Field Soil by Chiral Liquid Chromatography-Tandem Mass Spectrometry. <i>Chirality</i> , 2013, 25, 160-169. | 1.3 | 28 |
| 84 | Bioavailability assessment of thiacloprid in soil as affected by biochar. <i>Chemosphere</i> , 2017, 171, 185-191. | 4.2 | 28 |
| 85 | Determination and dissipation of mesotrione and its metabolites in rice using UPLC and triple-quadrupole tandem mass spectrometry. <i>Food Chemistry</i> , 2017, 229, 260-267. | 4.2 | 27 |
| 86 | Determination of cyantranilprole and its major metabolite residues in vegetable and soil using ultra-performance liquid chromatography/tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2012, 26, 377-383. | 0.8 | 26 |
| 87 | Determination of cyflumetofen residue in water, soil, and fruits by modified quick, easy, cheap, effective, rugged, and safe method coupled to gas chromatography/tandem mass spectrometry. <i>Journal of Separation Science</i> , 2012, 35, 2743-2749. | 1.3 | 26 |
| 88 | Enantioselective separation and pharmacokinetic dissipation of cyflumetofen in field soil by ultra-performance convergence chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 1363-1370. | 1.3 | 26 |
| 89 | Enantioselective Separation and Dissipation of Prothioconazole and Its Major Metabolite Prothioconazole-desthio Enantiomers in Tomato, Cucumber, and Pepper. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10256-10264. | 2.4 | 26 |
| 90 | Systematic Evaluation of Chiral Fungicide Imazalil and Its Major Metabolite R14821 (Imazalil-M): Stability of Enantiomers, Enantioselective Bioactivity, Aquatic Toxicity, and Dissipation in Greenhouse Vegetables and Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11331-11339. | 2.4 | 25 |

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| 91 | Simultaneous Determination of Phoxim, Chlorpyrifos, and Pyridaben Residues in Edible Mushrooms by High-Performance Liquid Chromatography Coupled to Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2016, 9, 2917-2924. | 1.3 | 24 |
| 92 | Effective Monitoring of Fluxapyroxad and Its Three Biologically Active Metabolites in Vegetables, Fruits, and Cereals by Optimized QuEChERS Treatment Based on UPLC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8935-8943. | 2.4 | 24 |
| 93 | Impact of fomesafen on the soil microbial communities in soybean fields in Northeastern China. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 169-176. | 2.9 | 24 |
| 94 | Carboxin and its major metabolites residues in peanuts: Levels, dietary intake and chronic intake risk assessment. <i>Food Chemistry</i> , 2019, 275, 169-175. | 4.2 | 24 |
| 95 | Dissipation and residue of flonicamid in cucumber, apple and soil under field conditions. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 652-660. | 1.8 | 23 |
| 96 | Fipronil-induced toxic effects in zebrafish (<i>Danio rerio</i>) larvae by using digital gene expression profiling. <i>Science of the Total Environment</i> , 2018, 639, 550-559. | 3.9 | 22 |
| 97 | Flutolanil affects circadian rhythm in zebrafish (<i>Danio rerio</i>) by disrupting the positive regulators. <i>Chemosphere</i> , 2019, 228, 649-655. | 4.2 | 22 |
| 98 | Enantioselective separation and determination of the dinotefuran enantiomers in rice, tomato and apple by HPLC. <i>Journal of Separation Science</i> , 2012, 35, 200-205. | 1.3 | 21 |
| 99 | Rapid residue analysis of pyriproxyfen, avermectins and diflubenzuron in mushrooms by ultra-performance liquid chromatography coupled with tandem mass spectrometry. <i>Analytical Methods</i> , 2013, 5, 6741. | 1.3 | 21 |
| 100 | Residue analysis and persistence evaluation of fipronil and its metabolites in cotton using high-performance liquid chromatography-tandem mass spectrometry. <i>PLoS ONE</i> , 2017, 12, e0173690. | 1.1 | 21 |
| 101 | Clomazone improves the interactions between soil microbes and affects C and N cycling functions. <i>Science of the Total Environment</i> , 2021, 770, 144730. | 3.9 | 21 |
| 102 | A systematic evaluation of zoxamide at enantiomeric level. <i>Science of the Total Environment</i> , 2020, 733, 139069. | 3.9 | 21 |
| 103 | Simultaneous Determination of Aminopyralid, Clopyralid, and Picloram Residues in Vegetables and Fruits Using Ultra-Performance Liquid Chromatography/Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2012, 95, 554-559. | 0.7 | 20 |
| 104 | A statistical approach to determine fluxapyroxad and its three metabolites in soils, sediment and sludge based on a combination of chemometric tools and a modified quick, easy, cheap, effective, rugged and safe method. <i>Journal of Chromatography A</i> , 2014, 1358, 46-51. | 1.8 | 20 |
| 105 | Simultaneous determination of flupyradifurone and its two metabolites in fruits, vegetables, and grains by a modified quick, easy, cheap, effective, rugged, and safe method using ultra high performance liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 1090-1098. | 1.3 | 20 |
| 106 | Supercritical fluid chromatographic-tandem mass spectrometry method for monitoring dissipation of thiacloprid in greenhouse vegetables and soil under different application modes. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1081-1082, 25-32. | 1.2 | 20 |
| 107 | Simultaneous determination of three pesticides and their metabolites in unprocessed foods using ultraperformance liquid chromatography-tandem mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 273-281. | 1.1 | 20 |
| 108 | Degradation of Fluxapyroxad in Soils and Water/Sediment Systems Under Aerobic or Anaerobic Conditions. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 45-50. | 1.3 | 19 |

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|-----|--|-----|-----------|
| 109 | Determination of Ochratoxin A contamination in grapes, processed grape products and animal-derived products using ultra-performance liquid chromatography-tandem mass spectroscopy system. <i>Scientific Reports</i> , 2018, 8, 2051. | 1.6 | 19 |
| 110 | Mesosulfuron-methyl influenced biodegradability potential and N transformation of soil. <i>Journal of Hazardous Materials</i> , 2021, 416, 125770. | 6.5 | 19 |
| 111 | Enantioselective determination of triazole fungicide tetraconazole by chiral high-performance liquid chromatography and its application to pharmacokinetic study in cucumber, muskmelon, and soils. <i>Chirality</i> , 2012, 24, 294-302. | 1.3 | 18 |
| 112 | Simultaneous determination of three strobilurin fungicide residues in fruits, vegetables and soil by a modified quick, easy, cheap, effective, rugged (QuEChERS) method coupled with gas chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2013, 5, 7102. | 1.3 | 18 |
| 113 | Stereoselective Determination of a Novel Chiral Insecticide, Sulfoxaflor, in Brown Rice, Cucumber and Apple by Normal-Phase High-Performance Liquid Chromatography. <i>Chirality</i> , 2014, 26, 114-120. | 1.3 | 18 |
| 114 | Development of RS-pyrisoxazole for reduction of pesticide inputs: A new insight from systemic evaluation of pyrisoxazole at the stereoisomeric level. <i>Journal of Hazardous Materials</i> , 2021, 407, 124359. | 6.5 | 18 |
| 115 | Enantioselective monitoring chiral fungicide mefenfentriazole in tomato, cucumber, pepper and its pickled products by supercritical fluid chromatography tandem mass spectrometry. <i>Food Chemistry</i> , 2022, 376, 131883. | 4.2 | 18 |
| 116 | Identification and ecotoxicity prediction of pyrisoxazole transformation products formed in soil and water using an effective HRMS workflow. <i>Journal of Hazardous Materials</i> , 2022, 424, 127223. | 6.5 | 17 |
| 117 | Simultaneous determination of broflanilide and its metabolites in five typical Chinese soils by a modified quick, easy, cheap, effective, rugged, and safe method with ultra high performance liquid chromatography and tandem mass spectrometry. <i>Journal of Separation Science</i> , 2018, 41, 4515-4524. | 1.3 | 16 |
| 118 | Dysregulation of circadian rhythm in zebrafish (<i>Danio rerio</i>) by thifluzamide: Involvement of positive and negative regulators. <i>Chemosphere</i> , 2019, 235, 280-287. | 4.2 | 16 |
| 119 | Thifluzamide induces the toxic effects on zebrafish (<i>Danio rerio</i>) via inhibition of succinate dehydrogenase (SDH). <i>Environmental Pollution</i> , 2020, 265, 115031. | 3.7 | 16 |
| 120 | The dissipation rates of myclobutanil and residue analysis in wheat and soil using gas chromatography-ion trap mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 957-967. | 1.8 | 15 |
| 121 | Enantioselective Determination of the Insecticide Indoxacarb in Cucumber and Tomato by Chiral Liquid Chromatography-Tandem Mass Spectrometry. <i>Chirality</i> , 2013, 25, 350-354. | 1.3 | 15 |
| 122 | Determination of flumetsulam residues in 20 kinds of plant-derived foods by ultra-performance liquid chromatography coupled with tandem mass spectrometry. <i>Analytical Methods</i> , 2015, 7, 5772-5779. | 1.3 | 15 |
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