Yongquan Zheng

List of Publications by Year
in descending order

179	5,414	71102	144013
papers	citations	41 h-index	57 g-index

179	179	179	3521
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chiral Triazole Fungicide Difenoconazole: Absolute Stereochemistry, Stereoselective Bioactivity, Aquatic Toxicity, and Environmental Behavior in Vegetables and Soil. Environmental Science & Technology, 2013, 47, 3386-3394.	10.0	218
2	Simultaneous enantioselective determination of triazole fungicides in soil and water by chiral liquid chromatography/tandem mass spectrometry. Journal of Chromatography A, 2012, 1224, 51-60.	3.7	122
3	Enantioselectivity in tebuconazole and myclobutanil non-target toxicity and degradation in soils. Chemosphere, 2015, 122, 145-153.	8.2	98
4	Simultaneous determination of five pyrazole fungicides in cereals, vegetables and fruits using liquid chromatography/tandem mass spectrometry. Journal of Chromatography A, 2012, 1262, 98-106.	3.7	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 chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2013, 1300, 95-103.	3.7	86
6	Characterization of peanut-shell biochar and the mechanisms underlying its sorption for atrazine and nicosulfuron in aqueous solution. Science of the Total Environment, 2020, 702, 134767.	8.0	82
7	Enantioselective Analysis of Triazole Fungicide Myclobutanil in Cucumber and Soil under Different Application Modes by Chiral Liquid Chromatography/Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2012, 60, 1929-1936.	5.2	80
8	Simultaneous determination of organophosphorus pesticides in fruits and vegetables using atmospheric pressure gas chromatography quadrupole-time-of-flight mass spectrometry. Food Chemistry, 2017, 231, 365-373.	8.2	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. Journal of Hazardous Materials, 2016, 311, 115-124.	12.4	79
10	Simultaneous determination of spirotetramat 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. Journal of Chromatography A, 2013, 1299, 71-77.	3.7	77
11	Progress of the discovery, application, and control technologies of chemical pesticides in China. Journal of Integrative Agriculture, 2019, 18, 840-853.	3.5	73
12	Chiral fungicide triadimefon and triadimenol: Stereoselective transformation in greenhouse crops and soil, and toxicity to Daphnia magna. Journal of Hazardous Materials, 2014, 265, 115-123.	12.4	72
13	Sorption, degradation and bioavailability of oxyfluorfen in biochar-amended soils. Science of the Total Environment, 2019, 658, 87-94.	8.0	72
14	Determination of difenoconazole residue in tomato during home canning by UPLC-MS/MS. Food Control, 2012, 23, 542-546.	5.5	71
15	Responses of soil microbial community to different concentration of fomesafen. Journal of Hazardous Materials, 2014, 273, 155-164.	12.4	71
16	Ecological toxicity reduction of dinotefuran to honeybee: New perspective from an enantiomeric level. Environment International, 2019, 130, 104854.	10.0	69
17	Supercritical fluid chromatographyâ€“tandem mass spectrometry-assisted methodology for rapid enantiomeric analysis of fenbuconazole and its chiral metabolites in fruits, vegetables, cereals, and soil. Food Chemistry, 2018, 241, 32-39.	8.2	68
18	Chiral bioaccumulation behavior of tebuconazole in the zebrafish (Danio rerio). Ecotoxicology and Environmental Safety, 2016, 126, 78-84.	6.0	64

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19	Effects of hexaconazole application on soil microbes community and nitrogen transformations in paddy soils. Science of the Total Environment, 2017, 609, 655-663.	8.0	62
20	Development of S-Fluxametamide for Bioactivity Improvement and Risk Reduction: Systemic Evaluation of the Novel Insecticide Fluxametamide at the Enantiomeric Level. Environmental Science & Technology, 2019, 53, 13657-13665.	10.0	58
21	Stereoselective degradation of fungicide triadimenol in cucumber plants. Chirality, 2010, 22, 292-298.	2.6	56
22	Environmental Behavior of the Chiral Triazole Fungicide Fenbuconazole and Its Chiral Metabolites: Enantioselective Transformation and Degradation in Soils. Environmental Science & Technology, 2012, 46, 2675-2683.	10.0	56
23	Characteristics of neonicotinoid imidacloprid in urine following exposure of humans to orchards in China. Environment International, 2019, 132, 105079.	10.0	56
24	Green and Sensitive Supercritical Fluid Chromatographicâ€“Tandem Mass Spectrometric Method for the Separation and Determination of Flutriafol Enantiomers in Vegetables, Fruits, and Soil. Journal of Agricultural and Food Chemistry, 2014, 62, 11457-11464.	5.2	54
25	Response of microbial community to a new fungicide fluopyram in the silty-loam agricultural soil. Ecotoxicology and Environmental Safety, 2014, 108, 273-280.	6.0	53
26	Impact of imazethapyr on the microbial community structure in agricultural soils. Chemosphere, 2010, 81, 800-806.	8.2	52
27	Stereoselective separation and pharmacokinetic dissipation of the chiral neonicotinoid sulfoxaflor in soil by ultraperformance convergence chromatography/tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2014, 406, 6677-6690.	3.7	51
28	Stereoselective bioactivity, acute toxicity and dissipation in typical paddy soils of the chiral fungicide propiconazole. Journal of Hazardous Materials, 2018, 359, 194-202.	12.4	50
29	Urinary monitoring of neonicotinoid imidacloprid exposure to pesticide applicators. Science of the Total Environment, 2019, 669, 721-728.	8.0	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. Analytical and Bioanalytical Chemistry, 2011, 401, 1051-1058.	3.7	49
31	Simultaneous enantioselective determination of fenbuconazole and its main metabolites in soil and water by chiral liquid chromatography/tandem mass spectrometry. Journal of Chromatography A, 2011, 1218, 6667-6674.	3.7	48
32	Stereoselective Analysis and Dissipation of Propiconazole in Wheat, Grapes, and Soil by Supercritical Fluid Chromatographyâ€“Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2017, 65, 234-243.	5.2	48
33	Effects of triï¬‚uralin on the soil microbial community and functional groups involved in nitrogen cycling. Journal of Hazardous Materials, 2018, 353, 204-213.	12.4	48
34	Simultaneous determination of four neonicotinoid insecticides residues in cereals, vegetables and fruits using ultra-performance liquid chromatography/tandem mass spectrometry. Analytical Methods, 2013, 5, 1449.	2.7	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. Journal of Chromatography A, 2015, 1410, 181-189.	3.7	47
36	Chemometric-assisted QuEChERS extraction method for the residual analysis of thiacloprid, spirotetramat and spirotetramatâ€™s four metabolites in pepper: Application of their dissipation patterns. Food Chemistry, 2016, 192, 893-899.	8.2	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. Food Chemistry, 2015, 175, 395-400.	8.2	45
38	The fate of spirotetramat and its metabolite spirotetramat-enol in apple samples during apple cider processing. Food Control, 2013, 34, 283-290.	5.5	44
39	Simultaneous determination of fipronil and its major metabolites in corn and soil by ultra-performance liquid chromatography-tandem mass spectrometry. Analytical Methods, 2014, 6, 1788-1795.	2.7	44
40	Enantioselective determination of triazole fungicide tebuconazole in vegetables, fruits, soil and water by chiral liquid chromatography/tandem mass spectrometry. Journal of Separation Science, 2012, 35, 206-215.	2.5	42
41	Atmospheric pressure gas chromatography quadrupole-time-of-flight mass spectrometry for simultaneous determination of fifteen organochlorine pesticides in soil and water. Journal of Chromatography A, 2016, 1435, 115-124.	3.7	42
42	Effects of biochars on the fate of acetochlor in soil and on its uptake in maize seedling. Environmental Pollution, 2018, 241, 710-719.	7.5	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. Analytical and Bioanalytical Chemistry, 2012, 404, 2017-2031.	3.7	41
44	Development of a multi-residue enantiomeric analysis method for 9 pesticides in soil and water by chiral liquid chromatography/tandem mass spectrometry. Journal of Hazardous Materials, 2013, 250-251, 9-18.	12.4	41
45	Degradation products and pathway of ethiprole in water and soil. Water Research, 2019, 161, 531-539.	11.3	40
46	Determination of sulfoxaflor residues in vegetables, fruits and soil using ultra-performance liquid chromatography/tandem mass spectrometry. Analytical Methods, 2012, 4, 4019.	2.7	39
47	Effect of household canning on the distribution and reduction of thiophanate-methyl and its metabolite carbendazim residues in tomato. Food Control, 2014, 43, 115-120.	5.5	39
48	Stereoselective Determination of Tebuconazole in Water and Zebrafish by Supercritical Fluid Chromatography Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2015, 63, 6297-6303.	5.2	39
49	Enantioselective separation and transformation of metalaxyl and its major metabolite metalaxyl acid in tomato and cucumber. Food Chemistry, 2013, 141, 10-17.	8.2	38
50	Residue change of pyridaben in apple samples during apple cider processing. Food Control, 2014, 37, 240-244.	5.5	38
51	Degradation of difenoconazole in water and soil: Kinetics, degradation pathways, transformation products identification and ecotoxicity assessment. Journal of Hazardous Materials, 2021, 418, 126303.	12.4	38
52	Health risks to dietary neonicotinoids are low for Chinese residents based on an analysis of 13 daily-consumed foods. Environment International, 2021, 149, 106385.	10.0	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. Journal of Chromatography A, 2014, 1329, 30-37.	3.7	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. Biomedical Chromatography, 2011, 25, 1081-1090.	1.7	35

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55	The behavior of chlorpyrifos and its metabolite 3,5,6-trichloro-2-pyridinol in tomatoes during home canning. Food Control, 2013, 31, 560-565.	5.5	35
56	Enantioseparation and determination of isofenphos-methyl enantiomers in wheat, corn, peanut and soil with Supercritical fluid chromatography/tandem mass spectrometric method. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1015-1016, 13-21.	2.3	35
57	Thifluzamide affects lipid metabolism in zebrafish (Danio reio). Science of the Total Environment, 2018, 633, 1227-1236.	8.0	35
58	Kinetics, mechanisms and toxicity of the degradation of imidaclothiz in soil and water. Journal of Hazardous Materials, 2021, 403, 124033.	12.4	35
59	Determination of Chlorantraniliprole Residues in Corn and Soil by UPLCâ€“ESIâ€“MS/MS and Its Application to a Pharmacokinetic Study. Chromatographia, 2011, 74, 399-406.	1.3	34
60	The fate and enantioselective behavior of zoxamide during wine-making process. Food Chemistry, 2018, 248, 14-20.	8.2	34
61	Clomazone influence soil microbial community and soil nitrogen cycling. Science of the Total Environment, 2018, 644, 475-485.	8.0	34
62	Enantioselective fate of dinotefuran from tomato cultivation to home canning for refining dietary exposure. Journal of Hazardous Materials, 2021, 405, 124254.	12.4	34
63	Simultaneous determination of chlorantraniliprole and cyantraniliprole in fruits, vegetables and cereals using ultra-high-performance liquid chromatographyâ€“tandem mass spectrometry with the isotope-labelled internal standard method. Analytical and Bioanalytical Chemistry, 2015, 407, 4111-4120.	3.7	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. Food Chemistry, 2016, 213, 410-416.	8.2	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. Environmental Science and Pollution Research, 2016, 23, 5618-5626.	5.3	33
66	Effect of tetraconazole application on the soil microbial community. Environmental Science and Pollution Research, 2014, 21, 8323-8332.	5.3	32
67	Concentration and dissipation of chlorantraniliprole and thiamethoxam residues in maize straw, maize, and soil. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2016, 51, 594-601.	1.5	32
68	Influence of Uptake Pathways on the Stereoselective Dissipation of Chiral Neonicotinoid Sulfoxaflor in Greenhouse Vegetables. Journal of Agricultural and Food Chemistry, 2016, 64, 2655-2660.	5.2	32
69	Effects of myclobutanil on soil microbial biomass, respiration, and soil nitrogen transformations. Environmental Pollution, 2016, 208, 811-820.	7.5	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. Journal of Chromatography A, 2017, 1525, 87-95.	3.7	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. Journal of Separation Science, 2014, 37, 1640-1647.	2.5	31
72	Management of pesticide residues in China. Journal of Integrative Agriculture, 2015, 14, 2319-2327.	3.5	31

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73	Enantioselective Degradation of Chiral Insecticide Dinotefuran in Greenhouse Cucumber and Soil. Chirality, 2015, 27, 137-141.	2.6	31
74	Determination and dissipation of afidopyropen and its metabolite in wheat and soil using QuEChERSâ€“UHPLCâ€“MS/MS. Journal of Separation Science, 2018, 41, 1674-1681.	2.5	31
75	Crosstalk of oxidative damage, apoptosis, and autophagy under endoplasmic reticulum (ER) stress involved in thifluzamide-induced liver damage in zebrafish (Danio rerio). Environmental Pollution, 2018, 243, 1904-1911.	7.5	31
76	Cumulative risk assessment of dietary exposure to triazole fungicides from 13 daily-consumed foods in China. Environmental Pollution, 2021, 286, 117550.	7.5	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. Journal of Agricultural and Food Chemistry, 2016, 64, 2641-2646.	5.2	30
78	Enantioseparation of Imazalil and Monitoring of Its Enantioselective Degradation in Apples and Soils Using Ultrahigh-Performance Liquid Chromatographyâ€“Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2017, 65, 3259-3267.	5.2	30
79	Ultrasensitive immunoassay for detection of zearalenone in agro-products using enzyme and antibody co-embedded zeolitic imidazolate framework as labels. Journal of Hazardous Materials, 2021, 412, 125276.	12.4	30
80	Determination of nonylphenol ethoxylate metabolites in vegetables and crops by high performance liquid chromatographyâ€“tandem mass spectrometry. Food Chemistry, 2012, 132, 502-507.	8.2	29
81	Enantioselective separation and dissipation of pydiflumetofen enantiomers in grape and soil by supercritical fluid chromatographyâ€“tandem mass spectrometry. Journal of Separation Science, 2020, 43, 2217-2227.	2.5	29
82	Miniaturized liquidâ€“liquid extraction coupled with ultra-performance liquid chromatography/tandem mass spectrometry for determination of topramezone in soil, corn, wheat, and water. Analytical and Bioanalytical Chemistry, 2011, 400, 3097-3107.	3.7	28
83	Studies of Enantiomeric Degradation of the Triazole Fungicide Hexaconazole in Tomato, Cucumber, and Field Soil by Chiral Liquid Chromatographyâ€“Tandem Mass Spectrometry. Chirality, 2013, 25, 160-169.	2.6	28
84	Bioavailability assessment of thiacloprid in soil as affected by biochar. Chemosphere, 2017, 171, 185-191.	8.2	28
85	Determination and dissipation of mesotrione and its metabolites in rice using UPLC and triple-quadrupole tandem mass spectrometry. Food Chemistry, 2017, 229, 260-267.	8.2	27
86	Determination of cyantraniliprole and its major metabolite residues in vegetable and soil using ultraâ€performance liquid chromatography/tandem mass spectrometry. Biomedical Chromatography, 2012, 26, 377-383.	1.7	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. Journal of Separation Science, 2012, 35, 2743-2749.	2.5	26
88	Enantioselective separation and pharmacokinetic dissipation of cyflumetofen in field soil by ultraâ€performance convergence chromatography with tandem mass spectrometry. Journal of Separation Science, 2016, 39, 1363-1370.	2.5	26
89	Enantioselective Separation and Dissipation of Prothioconazole and Its Major Metabolite Prothioconazole-desthio Enantiomers in Tomato, Cucumber, and Pepper. Journal of Agricultural and Food Chemistry, 2019, 67, 10256-10264.	5.2	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. Journal of Agricultural and Food Chemistry, 2019, 67, 11331-11339.	5.2	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. Food Analytical Methods, 2016, 9, 2917-2924.	2.6	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. Journal of Agricultural and Food Chemistry, 2016, 64, 8935-8943.	5.2	24
93	Impact of fomesafen on the soil microbial communities in soybean fields in Northeastern China. Ecotoxicology and Environmental Safety, 2018, 148, 169-176.	6.0	24
94	Carboxin and its major metabolites residues in peanuts: Levels, dietary intake and chronic intake risk assessment. Food Chemistry, 2019, 275, 169-175.	8.2	24
95	Dissipation and residue of flonicamid in cucumber, apple and soil under field conditions. International Journal of Environmental Analytical Chemistry, 2014, 94, 652-660.	3.3	23
96	Fipronil-induced toxic effects in zebrafish (Danio rerio) larvae by using digital gene expression profiling. Science of the Total Environment, 2018, 639, 550-559.	8.0	22
97	Flutolanil affects circadian rhythm in zebrafish (Danio rerio) by disrupting the positive regulators. Chemosphere, 2019, 228, 649-655.	8.2	22
98	Enantioselective separation and determination of the dinotefuran enantiomers in rice, tomato and apple by HPLC. Journal of Separation Science, 2012, 35, 200-205.	2.5	21
99	Rapid residue analysis of pyriproxyfen, avermectins and diflubenzuron in mushrooms by ultra-performance liquid chromatography coupled with tandem mass spectrometry. Analytical Methods, 2013, 5, 6741.	2.7	21
100	Residue analysis and persistence evaluation of fipronil and its metabolites in cotton using high-performance liquid chromatography-tandem mass spectrometry. PLoS ONE, 2017, 12, e0173690.	2.5	21
101	Clomazone improves the interactions between soil microbes and affects C and N cycling functions. Science of the Total Environment, 2021, 770, 144730.	8.0	21
102	A systematic evaluation of zoxamide at enantiomeric level. Science of the Total Environment, 2020, 733, 139069.	8.0	21
103	Simultaneous Determination of Aminopyralid, Clopyralid, and Picloram Residues in Vegetables and Fruits Using Ultra-Performance Liquid Chromatography/Tandem Mass Spectrometry. Journal of AOAC INTERNATIONAL, 2012, 95, 554-559.	1.5	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. Journal of Chromatography A, 2014, 1358, 46-51.	3.7	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. Journal of Separation Science, 2016, 39, 1090-1098.	2.5	20
106	Supercritical fluid chromatographic-tandem mass spectrometry method for monitoring dissipation of thiacloprid in greenhouse vegetables and soil under different application modes. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1081-1082, 25-32.	2.3	20
107	Simultaneous determination of three pesticides and their metabolites in unprocessed foods using ultraperformance liquid chromatography-tandem mass spectrometry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 273-281.	2.3	20
108	Degradation of Fluxapyroxad in Soils and Water/Sediment Systems Under Aerobic or Anaerobic Conditions. Bulletin of Environmental Contamination and Toxicology, 2015, 95, 45-50.	2.7	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. Scientific Reports, 2018, 8, 2051.	3.3	19
110	Mesosulfuron-methyl influenced biodegradability potential and N transformation of soil. Journal of Hazardous Materials, 2021, 416, 125770.	12.4	19
111	Enantioselective determination of triazole fungice tetraconazole by chiral highâ€performance liquid chromatography and its application to pharmacokinetic study in cucumber, muskmelon, and soils. Chirality, 2012, 24, 294-302.	2.6	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. Analytical Methods, 2013, 5, 7102.	2.7	18
113	Stereoselective Determination of a Novel Chiral Insecticide, Sulfoxaflor, in Brown Rice, Cucumber and Apple by Normalâ€Phase Highâ€Performance Liquid Chromatography. Chirality, 2014, 26, 114-120.	2.6	18
114	Development of RS-pyrisoxazole for reduction of pesticide inputs: A new insight from systemic evaluation of pyrisoxazole at the stereoisomeric level. Journal of Hazardous Materials, 2021, 407, 124359.	12.4	18
115	Enantioselective monitoring chiral fungicide mefentrifluconazole in tomato, cucumber, pepper and its pickled products by supercritical fluid chromatography tandem mass spectrometry. Food Chemistry, 2022, 376, 131883.	8.2	18
116	Identification and ecotoxicity prediction of pyrisoxazole transformation products formed in soil and water using an effective HRMS workflow. Journal of Hazardous Materials, 2022, 424, 127223.	12.4	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. Journal of Separation Science, 2018, 41, 4515-4524.	2.5	16
118	Dysregulation of circadian rhythm in zebrafish (Danio rerio) by thifluzamide: Involvement of positive and negative regulators. Chemosphere, 2019, 235, 280-287.	8.2	16
119	Thifluzamide induces the toxic effects on zebrafish (Danio rerio) via inhibition of succinate dehydrogenase (SDH). Environmental Pollution, 2020, 265, 115031.	7.5	16
120	The dissipation rates of myclobutanil and residue analysis in wheat and soil using gas chromatography-ion trap mass spectrometry. International Journal of Environmental Analytical Chemistry, 2009, 89, 957-967.	3.3	15
121	Enantioselective Determination of the Insecticide Indoxacarb in Cucumber and Tomato by Chiral Liquid Chromatographyâ€“Tandem Mass Spectrometry. Chirality, 2013, 25, 350-354.	2.6	15
122	Determination of flumetsulam residues in 20 kinds of plant-derived foods by ultra-performance liquid chromatography coupled with tandem mass spectrometry. Analytical Methods, 2015, 7, 5772-5779.	2.7	15
123	Ultra high performance liquid chromatography with tandem mass spectrometry method for determining dinotefuran and its main metabolites in samples of plants, animalâ€derived foods, soil, and water. Journal of Separation Science, 2018, 41, 2913-2923.	2.5	15
124	Determination of Pentachloronitrobenzene and Its Metabolites in Ginseng by Matrix Solid-Phase Dispersion and GCâ€“MSâ€“MS. Chromatographia, 2009, 69, 1113-1117.	1.3	14
125	Determination of phthalanilic acid residue in bean, fruits and vegetables using a modified QuEChERS method and ultra-performance liquid chromatography/tandem mass spectrometry. Analytical Methods, 2014, 6, 4336.	2.7	14
126	Rapid residue analysis of oxathiapiprolin and its metabolites in typical Chinese soil, water, and sediments by a modified quick, easy, cheap, effective, rugged, and safe method with ultra high performance liquid chromatography and tandem mass spectrometry. Journal of Separation Science, 2015, 38, 909-916.	2.5	14

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127	A multiresidue analytical method for the detection of seven triazolopyrimidine sulfonamide herbicides in cereals, soybean and soil using the modified QuEChERS method and UHPLC-MS/MS. Analytical Methods, 2015, 7, 9791-9799.	2.7	14
128	Different residue behaviors of four pesticides in mushroom using two different application methods. Environmental Science and Pollution Research, 2018, 25, 8377-8387.	5.3	14
129	Simultaneous determination of afidopyropen and its metabolite in vegetables, fruit and soil using UHPLC-MS/MS. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 716-723.	2.3	14
130	The degradation dynamics and rapid detection of thiacloprid and its degradation products in water and soil by UHPLC-QTOF-MS. Chemosphere, 2021, 263, 127960.	8.2	14
131	Determination of Pydiflumetofen Residues in Some Foods of Plant and Animal Origin by QuEChERS Extraction Combined with Ultra-Performance Liquid Chromatographyâ€“Tandem Mass. Food Analytical Methods, 2018, 11, 2682-2691.	2.6	13
132	A target screening method for detection of organic pollutants in fruits and vegetables by atmospheric pressure gas chromatography quadrupole-time-of-flight mass spectrometry combined with informatics platform. Journal of Chromatography A, 2018, 1577, 82-91.	3.7	13
133	Human health safety studies of a new insecticide: Dissipation kinetics and dietary risk assessment of afidopyropen and one of its metabolites in cucumber and nectarine. Regulatory Toxicology and Pharmacology, 2019, 103, 150-157.	2.7	13
134	Determination of Herbicide Propisochlor in Soil, Water and Rice by Quick, Easy, Cheap, Effective, Rugged and Safe (QuEChERS) Method Using by UPLC-ESI-MS/MS. Bulletin of the Korean Chemical Society, 2013, 34, 917-921.	1.9	13
135	Effects of Repeated Applications of Chlorimuron-Ethyl on the Soil Microbial Biomass, Activity and Microbial Community in the Greenhouse. Bulletin of Environmental Contamination and Toxicology, 2014, 92, 175-182.	2.7	12
136	Polyoxymethylene passive samplers to assess the effectiveness of biochar by reducing the content of freely dissolved fipronil and ethiprole. Science of the Total Environment, 2018, 630, 960-966.	8.0	12
137	A fast and sensitive ultra-high-performance liquid chromatography-tandem mass spectrometry method for determining mefentrifluconazole in plant- and animal-derived foods. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2019, 36, 1348-1357.	2.3	12
138	Determination of 4-chloro-2-methylphenoxyacetic acid residues in wheat and soil by ultra-performance liquid chromatography/tandem mass spectrometry. Journal of AOAC INTERNATIONAL, 2010, 93, 1013-9.	1.5	12
139	Evaluation of the safe use and dietary risk of beta-cypermethrin, pyriproxyfen, avermectin, diflubenzuron and chlorothalonil in button mushroom. Scientific Reports, 2017, 7, 8694.	3.3	11
140	Determination of Valifenalate in Grape, Vegetables, and Soil Using Ultrahigh Performance Liquid Chromatography Tandem Mass Spectrometry and Exploration of Its Degradation Behavior in Grape Field. Food Analytical Methods, 2019, 12, 742-751.	2.6	11
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