Jae-Han Shim

List of Publications by Citations

223 papers	3,709 citations	31 h-index	44 g-index
232 ext. papers	4,205 ext. citations	3.8 avg, IF	5.04 L-index

#	Paper	IF	Citations
223	Effect of food waste compost on microbial population, soil enzyme activity and lettuce growth. *Bioresource Technology*, **2004**, 93, 21-8	11	110
222	Inverse correlation between jasmonic acid and salicylic acid during early wound response in rice. *Biochemical and Biophysical Research Communications*, **2004**, 318, 734-8	3.4	76
221	Residues and contaminants in tea and tea infusions: a review. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2014**, 31, 1794-804	3.2	72
220	Development of a new QuEChERS method based on dry ice for the determination of 168 pesticides in paprika using tandem mass spectrometry. *Journal of Chromatography A*, **2011**, 1218, 4366-77	4.5	72
219	Determination of volatile flavor components in danggui cultivars by solvent free injection and hydrodistillation followed by gas chromatographic-mass spectrometric analysis. *Journal of Chromatography A*, **2006**, 1116, 259-64	4.5	67
218	Determination of polyphenols in three Capsicum annuum L. (bell pepper) varieties using high-performance liquid chromatography-tandem mass spectrometry: their contribution to overall antioxidant and anticancer activity. *Journal of Separation Science*, **2011**, 34, 2967-74	3.4	63
217	Simultaneous multiresidue analysis of 41 pesticide residues in cooked foodstuff using QuEChERS: Comparison with classical method. *Food Chemistry*, **2011**, 128, 241-53	8.5	61
216	Matrix enhancement effect: a blessing or a curse for gas chromatography?--A review. *Analytica Chimica Acta*, **2013**, 801, 14-21	6.6	60
215	Dual positional specificity and expression of non-traditional lipoxygenase induced by wounding and methyl jasmonate in maize seedlings. *Plant Molecular Biology*, **2003**, 52, 1203-13	4.6	57
214	Uptake of the veterinary antibiotics chlortetracycline, enrofloxacin, and sulphathiazole from soil by radish. *Science of the Total Environment*, **2017**, 605-606, 322-331	10.2	56
213	Development of a simple extraction and oxidation procedure for the residue analysis of imidacloprid and its metabolites in lettuce using gas chromatography. *Food Chemistry*, **2014**, 148, 402-9	8.5	54
212	Physicochemical characteristics, textural properties and volatile compounds in comminuted sausages as affected by various fat levels and fat replacers. *International Journal of Food Science and Technology*, **2007**, 42, 1114-1122	3.8	53
211	Optimized conditions for the extraction of secondary volatile metabolites in Angelica roots by accelerated solvent extraction. *Journal of Pharmaceutical and Biomedical Analysis*, **2007**, 44, 1154-8	3.5	51
210	Sphingomonas sp. strain SB5 degrades carbofuran to a new metabolite by hydrolysis at the furanyl ring. *Journal of Agricultural and Food Chemistry*, **2004**, 52, 2309-14	5.7	48
209	An overview on common aspects influencing the dissipation pattern of pesticides: a review. *Environmental Monitoring and Assessment*, **2016**, 188, 693	3.1	46
208	Effectiveness of pressurized liquid extraction and solvent extraction for the simultaneous quantification of 14 pesticide residues in green tea using GC. *Journal of Separation Science*, **2008**, 31, 1750-60	3.4	45
207	Dynamic behaviour and residual pattern of thiamethoxam and its metabolite clothianidin in Swiss chard using liquid chromatography-tandem mass spectrometry. *Food Chemistry*, **2015**, 174, 248-55	8.5	44

206	Determination of chlorogenic acids and caffeine in homemade brewed coffee prepared under various conditions. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2017**, 1064, 115-123	3.2	44
205	Dissipation behavior of lufenuron, benzoylphenylurea insecticide, in/on Chinese cabbage applied by foliar spraying under greenhouse conditions. *Bulletin of Environmental Contamination and Toxicology*, **2008**, 81, 369-72	2.7	44
204	Residual determination of clothianidin and its metabolites in three minor crops via tandem mass spectrometry. *Food Chemistry*, **2012**, 131, 1546-1551	8.5	42
203	Simultaneous multi-determination and transfer of eight pesticide residues from green tea leaves to infusion using gas chromatography. *Food Chemistry*, **2014**, 165, 532-9	8.5	41
202	Simple multiresidue extraction method for the determination of fungicides and plant growth regulator in bean sprouts using low temperature partitioning and tandem mass spectrometry. *Food Chemistry*, **2013**, 136, 1414-20	8.5	41
201	Consequences of the matrix effect on recovery of dinotefuran and its metabolites in green tea during tandem mass spectrometry analysis. *Food Chemistry*, **2015**, 168, 445-53	8.5	40
200	Simultaneous determination of pyrethroids from pesticide residues in porcine muscle and pasteurized milk using GC. *Journal of Separation Science*, **2009**, 32, 244-51	3.4	40
199	Development and validation of a multiresidue method for determination of 82 pesticides in water using GC. *Journal of Separation Science*, **2009**, 32, 559-74	3.4	40
198	Synergistic effect of washing and cooking on the removal of multi-classes of pesticides from various food samples. *Food Control*, **2012**, 28, 99-105	6.2	39
197	Quick, easy, cheap, effective, rugged, and safe sample preparation approach for pesticide residue analysis using traditional detectors in chromatography: A review. *Journal of Separation Science*, **2017**, 40, 203-212	3.4	38
196	Identification of volatile components in Angelica species using supercritical-CO2 fluid extraction and solid phase microextraction coupled to gas chromatography-mass spectrometry. *Biomedical Chromatography*, **2006**, 20, 1267-73	1.7	36
195	Environmental fate of the triazole fungicide propiconazole in a rice-paddy-soil lysimeter. *Plant and Soil*, **2002**, 239, 321-331	4.2	36
194	Metabolite analysis in Curcuma domestica using various GC-MS and LC-MS separation and detection techniques. *Biomedical Chromatography*, **2009**, 23, 951-65	1.7	35
193	Characterization and kinetics of 45 kDa chitosanase from Bacillus sp. P16. *Bioscience, Biotechnology and Biochemistry*, **2003**, 67, 1875-82	2.1	35
192	A modified QuEChERS method for simultaneous determination of flonicamid and its metabolites in paprika using tandem mass spectrometry. *Food Chemistry*, **2014**, 157, 413-20	8.5	30
191	Development and validation of modified QuEChERS method coupled with LC-MS/MS for simultaneous determination of cymiazole, fipronil, coumaphos, fluvalinate, amitraz, and its metabolite in various types of honey and royal jelly. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2018**, 1072, 60-69	3.2	30
190	Simultaneous determination of three acidic herbicide residues in food crops using HPLC and confirmation via LC-MS/MS. *Biomedical Chromatography*, **2011**, 25, 124-35	1.7	29
189	Multiresidue analysis of 47 pesticides in cooked wheat flour and polished rice by liquid chromatography with tandem mass spectrometry. *Biomedical Chromatography*, **2009**, 23, 434-42	1.7	29

188	Analysis and tentative structure elucidation of new anthocyanins in fruit peel of Vitis coignetiae Pulliat (meoru) using LC-MS/MS: Contribution to the overall antioxidant activity. *Journal of Separation Science*, **2010**, 33, 1192-7	3.4	29
187	Determination of the fluoroquinolone enrofloxacin in edible chicken muscle by supercritical fluid extraction and liquid chromatography with fluorescence detection. *Journal of Agricultural and Food Chemistry*, **2003**, 51, 7528-32	5.7	29
186	Detection of three herbicide, and one metabolite, residues in brown rice and rice straw using various versions of the QuEChERS method and liquid chromatography-tandem mass spectrometry. *Food Chemistry*, **2016**, 210, 442-50	8.5	29
185	Contents of chlorogenic acids and caffeine in various coffee-related products. *Journal of Advanced Research*, **2019**, 17, 85-94	13	28
184	Development of a single-run analytical method for the detection of ten multiclass emerging contaminants in agricultural soil using an acetate-buffered QuEChERS method coupled with LC-MS/MS. *Journal of Separation Science*, **2017**, 40, 415-423	3.4	28
183	Monitoring of fluoroquinolone residual levels in chicken eggs by microbiological assay and confirmation by liquid chromatography. *Biomedical Chromatography*, **2008**, 22, 92-9	1.7	28
182	Feasibility and application of an HPLC/UVD to determine dinotefuran and its shorter wavelength metabolites residues in melon with tandem mass confirmation. *Food Chemistry*, **2013**, 136, 1038-46	8.5	27
181	Determination of sedatives and adrenergic blockers in blood meal using accelerated solvent extraction and Orbitrap mass spectrometry. *Journal of Chromatography A*, **2012**, 1260, 111-9	4.5	26
180	Flavonoid profiling in three citrus varieties native to the Republic of Korea using liquid chromatography coupled with tandem mass spectrometry: contribution to overall antioxidant activity. *Biomedical Chromatography*, **2012**, 26, 464-70	1.7	26
179	Physicochemical properties, and antioxidant and antimicrobial effects of garlic and onion powder in fresh pork belly and loin during refrigerated storage. *Journal of Food Science*, **2008**, 73, C577-84	3.4	26
178	The polyphenolic profiles and antioxidant effects of Agastache rugosa Kuntze (Banga) flower, leaf, stem and root. *Biomedical Chromatography*, **2016**, 30, 225-31	1.7	26
177	Development of a single-step precipitation cleanup method for the determination of enrofloxacin, ciprofloxacin, and danofloxacin in porcine plasma. *Food Chemistry*, **2011**, 127, 1878-1883	8.5	25
176	A multiresidue method for the analysis of pesticide residues in polished rice (Oryza sativa L.) using accelerated solvent extraction and gas chromatography and confirmation by mass spectrometry. *Biomedical Chromatography*, **2007**, 21, 602-9	1.7	25
175	Post-harvest HPLC determination of chlorfluazuron residues in pears treated with different programs. *Biomedical Chromatography*, **2007**, 21, 695-700	1.7	25
174	A matrix sensitive gas chromatography method for the analysis of pymetrozine in red pepper: application to dissipation pattern and PHRL. *Food Chemistry*, **2014**, 146, 448-54	8.5	24
173	The effect of household processing on the decline pattern of dimethomorph in pepper fruits and leaves. *Food Control*, **2015**, 50, 118-124	6.2	23
172	Single-step extraction followed by LC for determination of (fluoro)quinolone drug residues in muscle, eggs, and milk. *Journal of Separation Science*, **2010**, 33, 1034-43	3.4	23
171	Analysis of volatile compounds in fresh healthy and diseased peppers (Capsicum annuum L.) using solvent free solid injection coupled with gas chromatography-flame ionization detector and confirmation with mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, **2007**, 45, 487-94	3.5	23

170	Comparison of different extraction methods for the simultaneous determination of pesticide residues in kiwi fruit using gas chromatography-mass spectrometry. *Biomedical Chromatography*, **2008**, 22, 727-35	1.7	23
169	Supercritical fluid extraction of the fluoroquinolones norfloxacin and ofloxacin from orally treated-chicken breast muscles. *Analytica Chimica Acta*, **2004**, 513, 451-455	6.6	23
168	Method development, matrix effect, and risk assessment of 49 multiclass pesticides in kiwifruit using liquid chromatography coupled to tandem mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2018**, 1076, 130-138	3.2	22
167	Pesticide multiresidue analysis in Panax ginseng (C. A. Meyer) by solid-phase extraction and gas chromatography with electron capture and nitrogen-phosphorus detection. *Biomedical Chromatography*, **2007**, 21, 29-39	1.7	22
166	Determination of spinetoram and its metabolites in amaranth and parsley using QuEChERS-based extraction and liquid chromatography-tandem mass spectrometry. *Food Chemistry*, **2012**, 134, 2552-9	8.5	21
165	Multiresidue analysis of four pesticide residues in water dropwort (Oenanthe javanica) via pressurized liquid extraction, supercritical fluid extraction, and liquid-liquid extraction and gas chromatographic determination. *Journal of Separation Science*, **2007**, 30, 1953-63	3.4	21
164	An effective methodology for simultaneous quantification of thiophanate-methyl, and its metabolite carbendazim in pear, using LC-MS/MS. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2018**, 1095, 1-7	3.2	20
163	Dietary-flavonoid-rich flowers of Rumex nervosus Vahl: Liquid chromatography with electrospray ionization tandem mass spectrometry profiling and in vitro anti-inflammatory effects. *Journal of Separation Science*, **2015**, 38, 3345-53	3.4	20
162	Determination of acetamiprid residues in zucchini grown under greenhouse conditions: application to behavioral dynamics. *Biomedical Chromatography*, **2011**, 25, 136-46	1.7	20
161	Effects of pork meat cut and packaging type on lipid oxidation and oxidative products during refrigerated storage (8 degrees C). *Journal of Food Science*, **2008**, 73, C127-34	3.4	20
160	Liquid chromatography-tandem mass spectrometry quantification of acetamiprid and thiacloprid residues in butterbur grown under regulated conditions. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2017**, 1055-1056, 172-177	3.2	19
159	Simultaneous determination of arbutin and its decomposed product hydroquinone in whitening creams using high-performance liquid chromatography with photodiode array detection: Effect of temperature and pH on decomposition. *International Journal of Cosmetic Science*, **2015**, 37, 567-73	2.7	19
158	Inert matrix and Na 4 EDTA improve the supercritical fluid extraction efficiency of fluoroquinolones for HPLC determination in pig tissues. *Talanta*, **2009**, 78, 348-57	6.2	19
157	A simple extraction method for the simultaneous detection of tetramisole and diethylcarbamazine in milk, eggs, and porcine muscle using gradient liquid chromatography-tandem mass spectrometry. *Food Chemistry*, **2016**, 192, 299-305	8.5	18
156	Simultaneous determination of seven multiclass veterinary antibiotics in surface water samples in the Republic of Korea using liquid chromatography with tandem mass spectrometry. *Journal of Separation Science*, **2016**, 39, 4688-4699	3.4	18
155	Polyphenolic profile and antioxidant effects of various parts of Artemisia annua L. *Biomedical Chromatography*, **2016**, 30, 588-95	1.7	18
154	Single-step multiresidue determination of ten multiclass veterinary drugs in pork, milk, and eggs using liquid chromatography with tandem mass spectrometry. *Journal of Separation Science*, **2015**, 38, 2772-80	3.4	18
153	Determination of fenobucarb residues in animal and aquatic food products using liquid chromatography-tandem mass spectrometry coupled with a QuEChERS extraction method. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2017**, 1058, 1-7	3.2	17

152	Identification of volatile organic compounds generated from healthy and infected powdered chili using solvent-free solid injection coupled with GC/MS: application to adulteration. *Food Chemistry*, **2014**, 156, 326-32	8.5	17
151	Isolation of volatiles from Nigella sativa seeds using microwave-assisted extraction: effect of whole extracts on canine and murine CYP1A. *Biomedical Chromatography*, **2013**, 27, 938-45	1.7	17
150	Pepper leaf matrix as a promising analyte protectant prior to the analysis of thermolabile terbufos and its metabolites in pepper using GC-FPD. *Food Chemistry*, **2012**, 133, 604-10	8.5	16
149	Approaches for application of sub and supercritical fluid extraction for quantification of orbifloxacin from plasma and milk: application to disposition kinetics. *Analytica Chimica Acta*, **2009**, 631, 108-15	6.6	16
148	Residual pattern of fenhexamid on pepper fruits grown under greenhouse conditions using HPLC and confirmation via tandem mass spectrometry. *Food Chemistry*, **2011**, 126, 1533-8	8.5	16
147	Determination of volatile organic compounds generated from fresh, white and red Panax ginseng (C. A. Meyer) using a direct sample injection technique. *Biomedical Chromatography*, **2008**, 22, 556-62	1.7	16
146	Analysis of kresoxim-methyl and its thermolabile metabolites in Korean plum: An application of pepper leaf matrix as a protectant for GC amenable metabolites. *Journal of Separation Science*, **2013**, 36, 203-11	3.4	15
145	Determination of procymidone residues in ginseng by GC-ECD and GC-MS equipped with a solvent-free solid injector. *Food Control*, **2007**, 18, 364-368	6.2	15
144	A quick and effective methodology for analyzing dinotefuran and its highly polar metabolites in plum using liquid chromatography-tandem mass spectrometry. *Food Chemistry*, **2018**, 239, 1235-1243	8.5	15
143	Analysis of mandipropamid residual levels through systematic method optimization against the matrix complexity of sesame leaves using HPLC/UVD. *Biomedical Chromatography*, **2016**, 30, 990-995	1.7	14
142	Residual determination and risk assessment of buprofezin in plum (Prunus domestica) grown in open-field conditions following the application of three different formulations. *Biomedical Chromatography*, **2016**, 30, 1721-1727	1.7	14
141	Simultaneous detection of flumethasone, dl-methylephedrine, and 2-hydroxy-4,6-dimethylpyrimidine in porcine muscle and pasteurized cow milk using liquid chromatography coupled with triple-quadrupole mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2016**, 1012-1013, 8-16	3.2	14
140	Analysis of etoxazole in red pepper after major modification of QuEChERS for gas chromatography-nitrogen phosphorus detection. *Biomedical Chromatography*, **2014**, 28, 767-73	1.7	14
139	Analysis of 10 systemic pesticide residues in various baby foods using liquid chromatography-tandem mass spectrometry. *Biomedical Chromatography*, **2014**, 28, 735-41	1.7	14
138	Determination of chlorfenapyr in leek grown under greenhouse conditions with GC-ECD and confirmation by mass spectrometry. *Biomedical Chromatography*, **2012**, 26, 172-7	1.7	14
137	Quantifying fenobucarb residue levels in beef muscles using liquid chromatography-tandem mass spectrometry and QuEChERS sample preparation. *Food Chemistry*, **2013**, 138, 2306-11	8.5	14
136	Simultaneous determination of phoxim and its photo-transformation metabolite residues in eggs using liquid chromatography coupled with electrospray ionization tandem mass spectrometry. *Analytica Chimica Acta*, **2010**, 674, 64-70	6.6	14
135	In vitro inhibitory potential of decursin and decursinol angelate on the catalytic activity of cytochrome P-450 1A1/2, 2D15, and 3A12 isoforms in canine hepatic microsomes. *Archives of Pharmacal Research*, **2008**, 31, 1425-35	6.1	14

134	QuEChERS method for the simultaneous quantification of phorate and its metabolites in porcine and chicken muscle and table eggs using ultra-high performance liquid chromatography with tandem mass spectrometry. *Journal of Separation Science*, **2016**, 39, 2079-86	3.4	14
133	Simultaneous detection of sulfoxaflor and its metabolites, X11719474 and X11721061, in lettuce using a modified QuEChERS extraction method and liquid chromatography-tandem mass spectrometry. *Biomedical Chromatography*, **2017**, 31, e3885	1.7	13
132	The effects of different night-time temperatures and cultivation durations on the polyphenolic contents of lettuce: Application of principal component analysis. *Journal of Advanced Research*, **2015**, 6, 493-9	13	13
131	Detection of pyridaben residue levels in hot pepper fruit and leaves by liquid chromatography-tandem mass spectrometry: effect of household processes. *Biomedical Chromatography*, **2015**, 29, 990-7	1.7	13
130	Characterization of secondary volatile profiles in Nigella sativa seeds from two different origins using accelerated solvent extraction and gas chromatography-mass spectrometry. *Biomedical Chromatography*, **2012**, 26, 1157-62	1.7	13
129	Various extraction and analytical techniques for isolation and identification of secondary metabolites from Nigella sativa seeds. *Mini-Reviews in Medicinal Chemistry*, **2011**, 11, 947-55	3.2	13
128	Residue analysis of multi-class pesticides in watermelon by LC-MS/MS. *Journal of Separation Science* , **2010**, 33, 493-501	3.4	13
127	Analytical approach, dissipation pattern and risk assessment of pesticide residue in green leafy vegetables: A comprehensive review. *Biomedical Chromatography*, **2018**, 32, e4134	1.7	13
126	Simultaneous determination of sulfoxaflor and its metabolites, X11719474 and X11721061, in brown rice and rice straw after field application using LC-MS/MS. *International Journal of Environmental Analytical Chemistry*, **2017**, 97, 99-111	1.8	12
125	Bithionol residue analysis in animal-derived food products by an effective and rugged extraction method coupled with liquid chromatography-tandem mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2017**, 1064, 100-108	3.2	12
124	Determination of kresoxim-methyl and its thermolabile metabolites in pear utilizing pepper leaf matrix as a protectant using gas chromatography. *Journal of Advanced Research*, **2014**, 5, 329-35	13	12
123	Development of an extraction method for the determination of avermectins in soil using supercritical CO2 modified with ethanol and liquid chromatography-tandem mass spectrometry. *Journal of Separation Science*, **2013**, 36, 148-55	3.4	12
122	A combination of solid-phase extraction and dispersive solid-phase extraction effectively reduces the matrix interference in liquid chromatography-ultraviolet detection during pyraclostrobin analysis in perilla leaves. *Biomedical Chromatography*, **2015**, 29, 1932-6	1.7	12
121	Development of QuEChERS-based extraction and liquid chromatography-tandem mass spectrometry method for quantifying flumethasone residues in beef muscle. *Meat Science*, **2012**, 92, 749-53	6.4	12
120	Analysis of imidacloprid and pyrimethanil in shallot (Allium ascalonicum) grown under greenhouse conditions using tandem mass spectrometry: establishment of pre-harvest residue limits. *Biomedical Chromatography*, **2013**, 27, 451-7	1.7	12
119	Development and validation of an analytical method for determination of endocrine disruptor, 2,4-D, in paddy field water. *Biomedical Chromatography*, **2011**, 25, 1018-24	1.7	12
118	Determination of spinetoram in leafy vegetable crops using liquid chromatography and confirmation via tandem mass spectrometry. *Biomedical Chromatography*, **2011**, 25, 1099-106	1.7	12
117	Multiresidue analysis of pesticides with hydrolyzable functionality in cooked vegetables by liquid chromatography tandem mass spectrometry. *Biomedical Chromatography*, **2009**, 23, 719-31	1.7	12

116	Analytical procedure to simultaneously measure trace amounts of trenbolone acetate and beta-trenbolone residues in porcine muscle using HPLC-UVD and MS. *Journal of Separation Science*, **2008**, 31, 3847-56	3.4	12
115	Bioactivities, Applications, Safety, and Health Benefits of Bioactive Peptides From Food and By-Products: A Review.. *Frontiers in Nutrition*, **2021**, 8, 815640	6.2	12
114	A modified QuEChERS method coupled with liquid chromatography-tandem mass spectrometry for the simultaneous detection and quantification of scopolamine, L-hyoscyamine, and sparteine residues in animal-derived food products. *Journal of Advanced Research*, **2019**, 15, 95-102	13	12
113	LC-MS/MS characterization, anti-inflammatory effects and antioxidant activities of polyphenols from different tissues of Korean Petasites japonicus (Meowi). *Biomedical Chromatography*, **2017**, 31, e4033	1.7	11
112	Analyses and decreasing patterns of veterinary antianxiety medications in soils. *Journal of Hazardous Materials*, **2014**, 275, 154-65	12.8	11
111	Determination of dinotefuran in pepper using liquid chromatography: Contribution to safety evaluation **2012**, 55, 765-768		11
110	Development and validation of a liquid chromatography method with electrospray ionization tandem mass spectrometry for the determination of brotizolam residues in beef and commercial whole milk. *Biomedical Chromatography*, **2011**, 25, 1061-6	1.7	11
109	Characterization of the pharmacokinetic disposition of levofloxacin in stallions after intravenous and intramuscular administration. *Journal of Veterinary Pharmacology and Therapeutics*, **2008**, 31, 399-405	1.4	11
108	Determination of field-incurred pyrimethanil residues in persimmon (Diospyros kaki Linn) by liquid chromatography. *Biomedical Chromatography*, **2007**, 21, 1279-83	1.7	11
107	Monitoring of streptomycin and dihydrostreptomycin residual levels in porcine meat press juice and muscle via solid-phase fluorescence immunoassay and confirmatory analysis by liquid chromatography after post-column derivatization. *Biomedical Chromatography*, **2008**, 22, 254-9	1.7	11
106	Development of extraction procedures for the determination of imidacloprid: application to residue analysis and dynamics of two formulations in Chinese cabbage. *Biomedical Chromatography*, **2008**, 22, 581-9	1.7	11
105	Physicochemical Properties of Diverse Rice Species. *Korean Journal of Food Preservation*, **2012**, 19, 532-538	3	11
104	Simultaneous determination of water-soluble whitening ingredients and adenosine in different cosmetic formulations by high-performance liquid chromatography coupled with photodiode array detection. *International Journal of Cosmetic Science*, **2016**, 38, 286-93	2.7	11
103	Analysis of benzobicyclon and its metabolite in brown rice and rice straw after field application using liquid chromatography-tandem mass spectrometry. *Food Chemistry*, **2015**, 168, 404-9	8.5	10
102	Development and validation of a high-performance liquid chromatography-tandem mass spectrometric method for simultaneous determination of bupropion, quetiapine and escitalopram in human plasma. *Biomedical Chromatography*, **2015**, 29, 612-8	1.7	10
101	Simultaneous Detection of Glabridin, (-)-α-Bisabolol, and Ascorbyl Tetraisopalmitate in Whitening Cosmetic Creams Using HPLC-PAD. *Chromatographia*, **2016**, 79, 851-860	2.1	10
100	Determination of alachlor residues in pepper and pepper leaf using gas chromatography and confirmed via mass spectrometry with matrix protection. *Biomedical Chromatography*, **2013**, 27, 924-30	1.7	10
99	Simultaneous quantification of methiocarb and its metabolites, methiocarb sulfoxide and methiocarb sulfone, in five food products of animal origin using tandem mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2017**, 1060, 387-394	3.2	10

98	Single-step modified QuEChERS for determination of chlorothalonil in shallot (Allium ascalonicum) using GC-ECD and confirmation via mass spectrometry. *Biomedical Chromatography*, **2013**, 27, 416-21	1.7	10
97	Pharmacokinetics and milk distribution characteristics of orbifloxacin following intravenous and intramuscular injection in lactating ewes. *Journal of Veterinary Pharmacology and Therapeutics*, **2009**, 32, 338-44	1.4	10
96	Use of the Keele injector for sample introduction for gas chromatographic analysis of vinclozolin in lettuces. *Journal of Chromatography A*, **2003**, 1015, 233-7	4.5	10
95	Determination of residual levels of metrafenone in lettuce grown under greenhouse conditions using gas chromatography with a micro-electron capture detector. *Applied Biological Chemistry*, **2016**, 59, 43-49	2.9	10
94	Dissipation kinetics and pre-harvest residue limit of pyriofenone in oriental melon (Cucumis melo Var. makuwa) grown under regulated climatic conditions. *Biomedical Chromatography*, **2017**, 31, e3965	1.7	9
93	Development of a high-performance liquid chromatography with fluorescence detection method for quantification of piperazine in animal products by using precolumn derivatization. *Food Chemistry*, **2016**, 196, 1331-7	8.5	9
92	Analysis of DDT and its metabolites in soil and water samples obtained in the vicinity of a closed-down factory in Bangladesh using various extraction methods. *Environmental Monitoring and Assessment*, **2015**, 187, 743	3.1	9
91	Development and validation of a multiresidue method for determination of 37 pesticides in soil using GC-NPD. *Biomedical Chromatography*, **2011**, 25, 1003-9	1.7	9
90	Determination of residual levels of naloxone, yohimbine, thiophanate, and altrenogest in porcine muscle using QuEChERS with liquid chromatography and triple quadrupole mass spectrometry. *Journal of Separation Science*, **2016**, 39, 835-41	3.4	9
89	Quantitative determination of carbasalate calcium derived metabolites, acetylsalicylic acid and salicylic acid, in six animal foods using liquid-liquid extraction method coupled with liquid chromatography-tandem mass spectrometry. *Food Chemistry*, **2019**, 278, 744-750	8.5	9
88	Determination of endrin and ketο endrin in five food products of animal origin using GC-ECD: A modified QuEChERS approach to traditional detection. *Food Chemistry*, **2018**, 263, 59-66	8.5	9
87	Simultaneous determination and identity confirmation of thiodicarb and its degradation product methomyl in animal-derived foodstuffs using high-performance liquid chromatography with fluorescence detection and tandem mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2017**, 1040, 97-104	3.2	8
86	Decline pattern and risk assessment of cyenopyrafen in different varieties of Asian pear using liquid chromatography and tandem mass spectrometry. *Food Science and Biotechnology*, **2017**, 26, 537-543	2	8
85	Simultaneous detection of bacitracin and polymyxin B in livestock products using liquid chromatography with tandem mass spectrometry. *Journal of Separation Science*, **2015**, 38, 2371-80	3.4	8
84	Residue analysis of orthosulfamuron herbicide in fatty rice using liquid chromatography-tandem mass spectrometry. *Journal of Advanced Research*, **2015**, 6, 511-6	13	8
83	Determination of the variations in levels of phenolic compounds in soybean (Glycine max Merr.) sprouts infected by anthracnose (Colletotrichum gloeosporioides). *Journal of the Science of Food and Agriculture*, **2013**, 93, 3081-6	4.3	8
82	Residual pattern of acequinocyl and hydroxyacequinocyl in perilla leaf grown under greenhouse conditions using ultra performance liquid chromatography-photo diode array detector with tandem mass confirmation **2012**, 55, 657-662		8
81	Application of hollow-fiber-assisted liquid-phase microextraction to identify avermectins in stream water using MS/MS. *Journal of Separation Science*, **2013**, 36, 2946-51	3.4	8

80	Determination of Trichlorfon Pesticide Residues in Milk via Gas Chromatography with Electron Capture Detection and GC-MS. *Toxicological Research*, **2010**, 26, 149-55	3.7	8
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