

# Ho-chul Shin

## List of Publications by Year in Descending Order

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

198  
papers

3,984  
citations

30  
h-index

54  
g-index

205  
ext. papers

4,570  
ext. citations

4.6  
avg, IF

4.97  
L-index

#	Paper	IF	Citations
198	Structural and biochemical analysis of the PTPN4 PDZ domain bound to the C-terminal tail of the human papillomavirus E6 oncoprotein.. <i>Journal of Microbiology</i> , <b>2022</b> , 1	3	1
197	Simultaneous Quantification of Chloramphenicol, Thiamphenicol, Florfenicol, and Florfenicol Amine in Animal and Aquaculture Products Using Liquid Chromatography-Tandem Mass Spectrometry.. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 812803	6.2	2
196	R-catcher, a potent molecular tool to unveil the arginylome. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 3725-3741	10.3	4
195	Thirteen-week subcutaneous repeated dose toxicity study of butylparaben and its toxicokinetics in rats. <i>Archives of Toxicology</i> , <b>2021</b> , 95, 2037-2050	5.8	2
194	Simultaneous quantification of 12 veterinary drug residues in fishery products using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , <b>2021</b> , 348, 129105	8.5	3
193	Development of an analytical method for multi-residue quantification of 18 anthelmintics in various animal-based food products using liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , <b>2021</b> , 11, 68-76	14	3
192	Quantification of spinosyn A and spinosyn D in animal-derived products using multiwalled carbon nanotubes coupled with LC-MS/MS for analysis. <i>Biomedical Chromatography</i> , <b>2021</b> , 35, e5007	1.7	1
191	Crystal structure of human LC8 bound to a peptide from Ebola virus VP35. <i>Journal of Microbiology</i> , <b>2021</b> , 59, 410-416	3	2
190	Signaling Pathways Regulated by UBR Box-Containing E3 Ligases. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
189	Molecular Analysis of the Interaction between Human PTPN21 and the Oncoprotein E7 from Human Papillomavirus Genotype 18. <i>Molecules and Cells</i> , <b>2021</b> , 44, 26-37	3.5	3
188	Crystallization and preliminary diffraction analysis of the phosphatase domain of PTPN14 in the human papillomavirus E7 binding-defective mutant form. <i>Biodesign</i> , <b>2021</b> , 9, 63-66	0	
187	Aryl Sulfonamides Induce Degradation of Aryl Hydrocarbon Receptor Nuclear Translocator through CRL4 E3 Ligase. <i>Molecules and Cells</i> , <b>2020</b> , 43, 935-944	3.5	3
186	Evidence for binary Smc complexes lacking kite subunits in archaea. <i>IUCrJ</i> , <b>2020</b> , 7, 193-206	4.7	0
185	Structural and Biochemical Characterization of the Two Low Molecular Weight-Protein Tyrosine Phosphatases DARP and Primo-1. <i>Molecules and Cells</i> , <b>2020</b> , 43, 1035-1045	3.5	
184	Identification of MYC as an antineoplastic protein that stifles RIPK1-RIPK3 complex formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 19982-19993	11.5	4
183	Development and validation of a solid-phase extraction method coupled with LC-MS/MS for the simultaneous determination of 16 antibiotic residues in duck meat. <i>Biomedical Chromatography</i> , <b>2019</b> , 33, e4501	1.7	4
182	Simultaneous determination of spinosad, temephos, and piperonyl butoxide in animal-derived foods using LC-MS/MS. <i>Biomedical Chromatography</i> , <b>2019</b> , 33, e4493	1.7	6

181	Structural basis for recognition of the tumor suppressor protein PTPN14 by the oncoprotein E7 of human papillomavirus. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000367	9.7	21
180	Oligomer Model of PB1 Domain of p62/SQSTM1 Based on Crystal Structure of Homo-Dimer and Calculation of Helical Characteristics. <i>Molecules and Cells</i> , <b>2019</b> , 42, 729-738	3.5	2
179	Residue analysis of tebufenozide and indoxacarb in chicken muscle, milk, egg and aquatic animal products using liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2019</b> , 33, e4522	1.7	2
178	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. <i>Food Chemistry</i> , <b>2019</b> , 278, 744-750	8.5	9
177	Residual detection of naproxen, methyltestosterone and 17 $\beta$ -hydroxyprogesterone caproate in aquatic products by simple liquid-liquid extraction method coupled with liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2019</b> , 33, e4396	1.7	3
176	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. <i>Journal of Advanced Research</i> , <b>2019</b> , 15, 95-102	13	12
175	Structural and Physiological Exploration of Typhi YfdX Uncovers Its Dual Function in Bacterial Antibiotic Stress and Virulence. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 3329	5.7	5
174	Method development, matrix effect, and risk assessment of 49 multiclass pesticides in kiwifruit using liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1076, 130-138	3.2	22
173	Determination of metoserpate, buquinolate, and diclofenac in pork, eggs, and milk using liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2018</b> , 32, e4215	1.7	5
172	Targeted knockout of a chemokine-like gene increases anxiety and fear responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E1041-E1050	11.5	24
171	Simultaneous determination of clanobutin, dichlorvos, and naftazone in pork, beef, chicken, milk, and egg using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , <b>2018</b> , 252, 40-48	8.5	6
170	Residual dynamic and risk assessment of dimethomorph in Swiss chard grown at two different sites. <i>Biomedical Chromatography</i> , <b>2018</b> , 32, e4053	1.7	7
169	Chromatographic determination, decline dynamic and risk assessment of sulfoxaflor in Asian pear and oriental melon. <i>Biomedical Chromatography</i> , <b>2018</b> , 32, e4101	1.7	4
168	Dynamic residual pattern of azoxystrobin in Swiss chard with contribution to safety evaluation. <i>Biomedical Chromatography</i> , <b>2018</b> , 32, e4092	1.7	5
167	Quantification of artesunate and its metabolite, dihydroartemisinin, in animal products using liquid chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 3538-3546	3.4	5
166	Determination of halquinol residual levels in animal-derived food products using liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2018</b> , 32, e4339	1.7	1
165	Structural study reveals the temperature-dependent conformational flexibility of Tk-PTP, a protein tyrosine phosphatase from <i>Thermococcus kodakaraensis</i> KOD1. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197635	3.7	5
164	Development and validation of a simple solid-phase extraction method coupled with liquid chromatography-triple quadrupole tandem mass spectrometry for simultaneous determination of lincomycin, tylosin A and tylosin B in royal jelly. <i>Biomedical Chromatography</i> , <b>2018</b> , 32, e4145	1.7	5

163	Dissipation kinetics, pre-harvest residue limits, and dietary risk assessment of the systemic fungicide metalaxyl in Swiss chard grown under greenhouse conditions. <i>Regulatory Toxicology and Pharmacology</i> , <b>2018</b> , 92, 201-206	3.4	6
162	Ligand-Dependent Interaction of PPAR $\gamma$ With T-Cell Protein Tyrosine Phosphatase 45 Enhances Insulin Signaling. <i>Diabetes</i> , <b>2018</b> , 67, 360-371	0.9	11
161	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1072, 60-69	3.2	30
160	Analytical approach, dissipation pattern and risk assessment of pesticide residue in green leafy vegetables: A comprehensive review. <i>Biomedical Chromatography</i> , <b>2018</b> , 32, e4134	1.7	13
159	A quick and effective methodology for analyzing dinotefuran and its highly polar metabolites in plum using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , <b>2018</b> , 239, 1235-1243	8.5	15
158	Crystal Structure of the YAP-binding Domain of Human TEAD1. <i>Bulletin of the Korean Chemical Society</i> , <b>2018</b> , 40, 74	1.2	0
157	Identification of N-(5-(phenoxyethyl)-1,3,4-thiadiazol-2-yl)acetamide derivatives as novel protein tyrosine phosphatase epsilon inhibitors exhibiting anti-osteoclastic activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2018</b> , 26, 5204-5211	3.4	1
156	Determination of endrin and $\beta$ -keto endrin in five food products of animal origin using GC-ECD: A modified QuEChERS approach to traditional detection. <i>Food Chemistry</i> , <b>2018</b> , 263, 59-66	8.5	9
155	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1040, 97-104	3.2	8
154	Dissipation kinetics and pre-harvest residue limit of pyriofenone in oriental melon ( <i>Cucumis melo</i> Var. <i>makuwa</i> ) grown under regulated climatic conditions. <i>Biomedical Chromatography</i> , <b>2017</b> , 31, e3965	1.7	9
153	Simultaneous determination of sulfoxaflor and its metabolites, X11719474 and X11721061, in brown rice and rice straw after field application using LC-MS/MS. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2017</b> , 97, 99-111	1.8	12
152	Liquid chromatography-tandem mass spectrometry quantification of acetamiprid and thiacloprid residues in butterbur grown under regulated conditions. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1055-1056, 172-177	3.2	19
151	A <i>Dalbergia odorifera</i> extract improves the survival of endotoxemia model mice by inhibiting HMGB1 release. <i>BMC Complementary and Alternative Medicine</i> , <b>2017</b> , 17, 212	4.7	8
150	Decline pattern and risk assessment of cyenopyrafen in different varieties of Asian pear using liquid chromatography and tandem mass spectrometry. <i>Food Science and Biotechnology</i> , <b>2017</b> , 26, 537-543	2.3	8
149	Analysis of toldimfos in porcine muscle and bovine milk using liquid chromatography-triple quadrupole mass spectrometry. <i>Biomedical Chromatography</i> , <b>2017</b> , 31, e3996	1.7	1
148	Simultaneous detection of sulfoxaflor and its metabolites, X11719474 and X11721061, in lettuce using a modified QuEChERS extraction method and liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2017</b> , 31, e3885	1.7	13
147	LC-MS/MS characterization, anti-inflammatory effects and antioxidant activities of polyphenols from different tissues of Korean <i>Petasites japonicus</i> (Meowi). <i>Biomedical Chromatography</i> , <b>2017</b> , 31, e4033	1.7	11
146	Residual detection of buparvaquone, nystatin, and etomidate in animal-derived food products in a single chromatographic run using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , <b>2017</b> , 237, 1202-1208	8.5	5

145	Determination of fenobucarb residues in animal and aquatic food products using liquid chromatography-tandem mass spectrometry coupled with a QuEChERS extraction method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1058, 1-7	3.2	17
144	Dissipation pattern and risk quotients assessment of amisulbrom in Korean melon cultivated in plastic house conditions. <i>Environmental Monitoring and Assessment</i> , <b>2017</b> , 189, 302	3.1	7
143	Flavone polyphenols dominate in <i>Thymus schimperi</i> Ronniger: LC-ESI-MS/MS characterization and study of anti-proliferative effects of plant extract on AGS and HepG2 cancer cells. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1053, 1-8	3.2	19
142	A simple extraction method for the detection and quantification of polyoxin D, a nucleoside antibiotic, in butterbur using UPLC-MS/MS. <i>Food Chemistry</i> , <b>2017</b> , 221, 683-688	8.5	7
141	Simple extraction method for quantification of phenothiazine residues in pork muscle using liquid chromatography-triple quadrupole tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2017</b> , 31, e3891	1.7	1
140	Decline patterns and risk assessment of 10 multi-class pesticides in young sprout amaranth ( <i>Amaranthus mangostanus</i> ) under greenhouse growing conditions. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 24880-24895	5.1	5
139	Quantification of bupivacaine hydrochloride and isoflupredone acetate residues in porcine muscle, beef, milk, egg, shrimp, flatfish, and eel using a simplified extraction method coupled with liquid chromatography-triple quadrupole tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1065-1066, 29-34	3.2	6
138	Bithionol residue analysis in animal-derived food products by an effective and rugged extraction method coupled with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1064, 100-108	3.2	12
137	Structure of Full-Length SMC and Rearrangements Required for Chromosome Organization. <i>Molecular Cell</i> , <b>2017</b> , 67, 334-347.e5	17.6	107
136	Crystal structures of two forms of the <i>Acanthamoeba polyphaga</i> mimivirus Rab GTPase. <i>Archives of Virology</i> , <b>2017</b> , 162, 3407-3416	2.6	2
135	Residue analysis of picoxystrobin in oriental melon using gas chromatography coupled with electron capture detection and mass spectrometric confirmation: application to dissipation kinetics and risk assessment. <i>Food Science and Biotechnology</i> , <b>2017</b> , 26, 1145-1153	3	3
134	Dissipation kinetics, pre-harvest residue limits, and hazard quotient assessments of pesticides flubendiamide and fluopicolide in Korean melon ( <i>Cucumis melo</i> L. var. <i>makuwa</i> ) grown under regulated conditions in plastic greenhouses. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 24880-24895	5.1	6
133	Sustainability of CD24 expression, cell proliferation and migration, cisplatin-resistance, and caspase-3 expression during mesenchymal-epithelial transition induced by the removal of TGF- $\beta$ in A549 lung cancer cells. <i>Oncology Letters</i> , <b>2017</b> , 14, 2410-2416	2.6	7
132	Simultaneous quantification of methiocarb and its metabolites, methiocarb sulfoxide and methiocarb sulfone, in five food products of animal origin using tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1066, 387-394	3.2	10
131	Uptake of the veterinary antibiotics chlortetracycline, enrofloxacin, and sulphathiazole from soil by radish. <i>Science of the Total Environment</i> , <b>2017</b> , 605-606, 322-331	10.2	56
130	The disappearance rate and risk assessment of thiacloprid residues in Asian pear using liquid chromatography confirmed with tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2017</b> , 31, e3861	1.7	7
129	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. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 415-423	3.4	28
128	Quick, easy, cheap, effective, rugged, and safe sample preparation approach for pesticide residue analysis using traditional detectors in chromatography: A review. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 203-212	3.4	38

127	Application of a solvent-free solid injection technique coupled with GC-MS for discrimination between the secondary metabolites of wild and cultivated South Korean medicinal foods. <i>Biomedical Chromatography</i> , <b>2017</b> , 31, e3896	1.7	2
126	Structural and biochemical analysis of atypically low dephosphorylating activity of human dual-specificity phosphatase 28. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187701	3.7	2
125	The Discovery of Novel Protein Tyrosine Phosphatase Inhibitors Using a High-throughput Screening Approach. <i>Bulletin of the Korean Chemical Society</i> , <b>2017</b> , 38, 44-53	1.2	1
124	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. <i>Food Chemistry</i> , <b>2016</b> , 192, 299-305	8.5	18
123	An overview on common aspects influencing the dissipation pattern of pesticides: a review. <i>Environmental Monitoring and Assessment</i> , <b>2016</b> , 188, 693	3.1	46
122	Crystal structure of SP-PTP, a low molecular weight protein tyrosine phosphatase from <i>Streptococcus pyogenes</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 478, 1217-22	3.4	5
121	Simultaneous determination of seven multiclass veterinary antibiotics in surface water samples in the Republic of Korea using liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 4688-4699	3.4	18
120	Polyphenolic profile and antioxidant effects of various parts of <i>Artemisia annua</i> L. <i>Biomedical Chromatography</i> , <b>2016</b> , 30, 588-95	1.7	18
119	Analysis of mandipropamid residual levels through systematic method optimization against the matrix complexity of sesame leaves using HPLC/UVD. <i>Biomedical Chromatography</i> , <b>2016</b> , 30, 990-995	1.7	14
118	Simultaneous Detection of Glabridin, $\alpha$ -Bisabolol, and Ascorbyl Tetraisopalmitate in Whitening Cosmetic Creams Using HPLC-PAD. <i>Chromatographia</i> , <b>2016</b> , 79, 851-860	2.1	10
117	Simple extraction method requiring no cleanup procedure for the detection of minocycline residues in porcine muscle and milk using triple quadrupole liquid chromatography-tandem mass spectrometry. <i>Applied Biological Chemistry</i> , <b>2016</b> , 59, 297-303	2.9	2
116	Antioxidant activities and liquid chromatography with electrospray ionization tandem mass spectrometry characterization and quantification of the polyphenolic contents of <i>Rumex nervosus</i> Vahl leaves and stems. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 1433-41	3.4	13
115	Residual determination and risk assessment of buprofezin in plum ( <i>Prunus domestica</i> ) grown in open-field conditions following the application of three different formulations. <i>Biomedical Chromatography</i> , <b>2016</b> , 30, 1721-1727	1.7	14
114	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1012-1013, 8-16	3.2	14
113	Contributing effect of various washing procedures and additives on the decline pattern of diethofencarb in crown daisy, a model of leafy vegetables. <i>Food Chemistry</i> , <b>2016</b> , 201, 153-9	8.5	6
112	Development of a high-performance liquid chromatography with fluorescence detection method for quantification of piperazine in animal products by using precolumn derivatization. <i>Food Chemistry</i> , <b>2016</b> , 196, 1331-7	8.5	9
111	Identification of a Highly Conserved Hypothetical Protein TON_0340 as a Probable Manganese-Dependent Phosphatase. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167549	3.7	
110	Simultaneous determination of water-soluble whitening ingredients and adenosine in different cosmetic formulations by high-performance liquid chromatography coupled with photodiode array detection. <i>International Journal of Cosmetic Science</i> , <b>2016</b> , 38, 286-93	2.7	11

109	Various extraction methods for detection of bistrifluron residues in Asian pear using high-performance liquid chromatography: application to dissipation patterns under open-field conditions. <i>Biomedical Chromatography</i> , <b>2016</b> , 30, 1535-40	1.7	6
108	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. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 2079-86	3.4	14
107	Determination of residual levels of naloxone, yohimbine, thiophanate, and altrenogest in porcine muscle using QuEChERS with liquid chromatography and triple quadrupole mass spectrometry. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 835-41	3.4	9
106	A combined liquid chromatography-triple-quadrupole mass spectrometry method for the residual detection of veterinary drugs in porcine muscle, milk, and eggs. <i>Environmental Monitoring and Assessment</i> , <b>2016</b> , 188, 348	3.1	4
105	The polyphenolic profiles and antioxidant effects of <i>Agastache rugosa</i> Kuntze (Banga) flower, leaf, stem and root. <i>Biomedical Chromatography</i> , <b>2016</b> , 30, 225-31	1.7	26
104	Residue level and dissipation pattern of lepidimectin in shallots using high-performance liquid chromatography coupled with photodiode array detection. <i>Biomedical Chromatography</i> , <b>2016</b> , 30, 1835-1842	1.7	8
103	Discovery of Novel Striatal-enriched Protein Tyrosine Phosphatase Inhibitors Through Structure-based Virtual Screening. <i>Bulletin of the Korean Chemical Society</i> , <b>2016</b> , 37, 1783-1788	1.2	2
102	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. <i>Food Chemistry</i> , <b>2016</b> , 210, 442-50	8.5	29
101	Effects of light shading and climatic conditions on the metabolic behavior of flonicamid in red bell pepper. <i>Environmental Monitoring and Assessment</i> , <b>2016</b> , 188, 144	3.1	4
100	Determination of residual levels of metrafenone in lettuce grown under greenhouse conditions using gas chromatography with a micro-electron capture detector. <i>Applied Biological Chemistry</i> , <b>2016</b> , 59, 43-49	2.9	10
99	Simultaneous detection of fluquinconazole and flusilazole in lettuce using gas chromatography with a nitrogen phosphorus detector: decline patterns at two different locations. <i>Biomedical Chromatography</i> , <b>2016</b> , 30, 946-52	1.7	8
98	Characterization of secondary metabolite compounds correlated with the seasons in <i>Artemisia princeps</i> var. <i>orientalis</i> (Pamp.) H. Hara leaves using direct sample injection and gas chromatography-mass spectrometry: contribution to phytotoxicity <b>2015</b> , 58, 173-183		4
97	Oral toxicity of isotretinoin, misoprostol, methotrexate, mifepristone and levonorgestrel as pregnancy category X medications in female mice. <i>Experimental and Therapeutic Medicine</i> , <b>2015</b> , 9, 853-859	2.1	2
96	Colorimetric detection of penicillin antibiotic residues in pork using hybrid magnetic nanoparticles and penicillin class-selective, antibody-functionalized platinum nanoparticles. <i>Analytical Methods</i> , <b>2015</b> , 7, 7639-7645	3.2	14
95	Detecting fludioxonil residues in brown rice and rice straw using gas chromatography-nitrogen phosphorus detector <b>2015</b> , 58, 213-217		4
94	Simultaneous detection of bacitracin and polymyxin B in livestock products using liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 2371-80	3.4	8
93	Dynamic behaviour and residual pattern of thiamethoxam and its metabolite clothianidin in Swiss chard using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , <b>2015</b> , 174, 248-55	8.5	44
92	Gintonin, a novel ginseng-derived lysophosphatidic acid receptor ligand, stimulates neurotransmitter release. <i>Neuroscience Letters</i> , <b>2015</b> , 584, 356-61	3.3	21

91	Preparation of a Monoclonal Antibody against Gintonin and Its Use in an Enzyme Immunoassay. <i>Biological and Pharmaceutical Bulletin</i> , <b>2015</b> , 38, 1631-7	2.3	2
90	Basic Overview on Gas Chromatography Columns <b>2015</b> , 823-834		20
89	Dietary-flavonoid-rich flowers of <i>Rumex nervosus</i> Vahl: Liquid chromatography with electrospray ionization tandem mass spectrometry profiling and in vitro anti-inflammatory effects. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 3345-53	3.4	20
88	Simultaneous determination of aminopyrine and antipyrine in porcine muscle, milk, and eggs using liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 4048-54	3.4	0
87	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. <i>Biomedical Chromatography</i> , <b>2015</b> , 29, 1932-6	1.7	12
86	Effect of eicosapentaenoic acid on cholesterol gallstone formation in C57BL/6J mice. <i>Molecular Medicine Reports</i> , <b>2015</b> , 11, 362-6	2.9	3
85	Simple extraction method using syringe filter for detection of ethephon in tomatoes by negative-ion mode liquid chromatography with tandem mass spectrometry. <i>Biomedical Chromatography</i> , <b>2015</b> , 29, 1480-5	1.7	3
84	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. <i>International Journal of Cosmetic Science</i> , <b>2015</b> , 37, 567-73	2.7	19
83	Single-step multiresidue determination of ten multiclass veterinary drugs in pork, milk, and eggs using liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 2772-80	3.4	18
82	Crystal structure of Hop2-Mnd1 and mechanistic insights into its role in meiotic recombination. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 3841-56	20.1	27
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