

Ho-chul Shin

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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	Why is it challenging to predict intestinal drug absorption and oral bioavailability in human using rat model. <i>Pharmaceutical Research</i> , 2006 , 23, 1675-86	4.5	293
197	Multi-drug loaded polymeric micelles for simultaneous delivery of poorly soluble anticancer drugs. <i>Journal of Controlled Release</i> , 2009 , 140, 294-300	11.7	206
196	Structural studies of a bacterial condensin complex reveal ATP-dependent disruption of intersubunit interactions. <i>Cell</i> , 2009 , 136, 85-96	56.2	126
195	Structure of Full-Length SMC and Rearrangements Required for Chromosome Organization. <i>Molecular Cell</i> , 2017 , 67, 334-347.e5	17.6	107
194	Conjugation of low-molecular-weight heparin and deoxycholic acid for the development of a new oral anticoagulant agent. <i>Circulation</i> , 2001 , 104, 3116-20	16.7	107
193	Molecular basis for SMC rod formation and its dissolution upon DNA binding. <i>Molecular Cell</i> , 2015 , 57, 290-303	17.6	101
192	A 3-in-1 polymeric micelle nanocontainer for poorly water-soluble drugs. <i>Molecular Pharmaceutics</i> , 2011 , 8, 1257-65	5.6	101
191	SMC condensin entraps chromosomal DNA by an ATP hydrolysis dependent loading mechanism in <i>Bacillus subtilis</i> . <i>ELife</i> , 2015 , 4,	8.9	101
190	An asymmetric SMC-kleisin bridge in prokaryotic condensin. <i>Nature Structural and Molecular Biology</i> , 2013 , 20, 371-9	17.6	96
189	Characterization of a stem cell population in lung cancer A549 cells. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 371, 163-7	3.4	96
188	Evaluation of developmental toxicity in rats exposed to the environmental estrogen bisphenol A during pregnancy. <i>Life Sciences</i> , 2001 , 69, 2611-25	6.8	89
187	Gintonin, newly identified compounds from ginseng, is novel lysophosphatidic acids-protein complexes and activates G protein-coupled lysophosphatidic acid receptors with high affinity. <i>Molecules and Cells</i> , 2012 , 33, 151-62	3.5	84
186	Gene expression profiling of cancer stem cell in human lung adenocarcinoma A549 cells. <i>Molecular Cancer</i> , 2007 , 6, 75	42.1	69
185	Antitumor activity of Triolimus: a novel multidrug-loaded micelle containing Paclitaxel, Rapamycin, and 17-AAG. <i>Molecular Cancer Therapeutics</i> , 2012 , 11, 2233-42	6.1	67
184	In vivo cancer imaging by poly(ethylene glycol)-b-poly(ϵ -caprolactone) micelles containing a near-infrared probe. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012 , 8, 228-36	6	65
183	Permeability dominates in vivo intestinal absorption of P-gp substrate with high solubility and high permeability. <i>Molecular Pharmaceutics</i> , 2005 , 2, 329-40	5.6	61
182	Comparative gene expression profiles of intestinal transporters in mice, rats and humans. <i>Pharmacological Research</i> , 2007 , 56, 224-36	10.2	58

181	Uptake of the veterinary antibiotics chlortetracycline, enrofloxacin, and sulphathiazole from soil by radish. <i>Science of the Total Environment</i> , 2017 , 605-606, 322-331	10.2	56
180	Amino acid ester prodrugs of floxuridine: synthesis and effects of structure, stereochemistry, and site of esterification on the rate of hydrolysis. <i>Pharmaceutical Research</i> , 2003 , 20, 1381-8	4.5	53
179	Efficacy of orally active chemical conjugate of low molecular weight heparin and deoxycholic acid in rats, mice and monkeys. <i>Journal of Controlled Release</i> , 2006 , 111, 290-8	11.7	47
178	An overview on common aspects influencing the dissipation pattern of pesticides: a review. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 693	3.1	46
177	Effectiveness of pressurized liquid extraction and solvent extraction for the simultaneous quantification of 14 pesticide residues in green tea using GC. <i>Journal of Separation Science</i> , 2008 , 31, 1750-60	3.4	45
176	Dynamic behaviour and residual pattern of thiamethoxam and its metabolite clothianidin in Swiss chard using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2015 , 174, 248-55	8.5	44
175	Dissipation behavior of lufenuron, benzoylphenylurea insecticide, in/on Chinese cabbage applied by foliar spraying under greenhouse conditions. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008 , 81, 369-72	2.7	44
174	Pharmacokinetic study of 3-in-1 poly(ethylene glycol)-block-poly(D, L-lactic acid) micelles carrying paclitaxel, 17-allylamino-17-demethoxygeldanamycin, and rapamycin. <i>Journal of Controlled Release</i> , 2012 , 163, 93-9	11.7	43
173	Simultaneous determination of pyrethroids from pesticide residues in porcine muscle and pasteurized milk using GC. <i>Journal of Separation Science</i> , 2009 , 32, 244-51	3.4	40
172	Development and validation of a multiresidue method for determination of 82 pesticides in water using GC. <i>Journal of Separation Science</i> , 2009 , 32, 559-74	3.4	40
171	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> , 2017 , 40, 203-212	3.4	38
170	Suppression of metastasis of intravenously-inoculated B16/F10 melanoma cells by the novel ginseng-derived ingredient, gintonin: involvement of autotaxin inhibition. <i>International Journal of Oncology</i> , 2013 , 42, 317-26	4.4	33
169	Blockade of interleukin-6 receptor suppresses the proliferation of H460 lung cancer stem cells. <i>International Journal of Oncology</i> , 2012 , 41, 310-6	4.4	30
168	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</i>	3.2	30
167	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> , 2016 , 210, 442-50	8.5	29
166	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> , 2017 , 40, 415-423	3.4	28
165	p38 MAPK activation is required for esculetin-induced inhibition of vascular smooth muscle cells proliferation. <i>Toxicology in Vitro</i> , 2011 , 25, 1335-42	3.6	28
164	Monitoring of fluoroquinolone residual levels in chicken eggs by microbiological assay and confirmation by liquid chromatography. <i>Biomedical Chromatography</i> , 2008 , 22, 92-9	1.7	28

163	Crystal structure of Hop2-Mnd1 and mechanistic insights into its role in meiotic recombination. <i>Nucleic Acids Research</i> , 2015 , 43, 3841-56	20.1	27
162	Pharmacokinetic properties and antitumor efficacy of the 5-fluorouracil loaded PEG-hydrogel. <i>BMC Cancer</i> , 2010 , 10, 211	4.8	27
161	Crystal structure of the MukB hinge domain with coiled-coil stretches and its functional implications. <i>Proteins: Structure, Function and Bioinformatics</i> , 2010 , 78, 1483-90	4.2	27
160	Anti-proliferative action of IL-6R-targeted antibody tocilizumab for non-small cell lung cancer cells. <i>Oncology Letters</i> , 2015 , 9, 2283-2288	2.6	26
159	The polyphenolic profiles and antioxidant effects of <i>Agastache rugosa</i> Kuntze (Banga) flower, leaf, stem and root. <i>Biomedical Chromatography</i> , 2016 , 30, 225-31	1.7	26
158	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> , 2018 , 115, E1041-E1050	11.5	24
157	Comparative gene expression of intestinal metabolizing enzymes. <i>Biopharmaceutics and Drug Disposition</i> , 2009 , 30, 411-21	1.7	23
156	Single-step extraction followed by LC for determination of (fluoro)quinolone drug residues in muscle, eggs, and milk. <i>Journal of Separation Science</i> , 2010 , 33, 1034-43	3.4	23
155	Analysis of volatile compounds in fresh healthy and diseased peppers (<i>Capsicum annum</i> L.) using solvent free solid injection coupled with gas chromatography-flame ionization detector and confirmation with mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 45, 487-94	3.5	23
154	Comparison of different extraction methods for the simultaneous determination of pesticide residues in kiwi fruit using gas chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2008 , 22, 727-35	1.7	23
153	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> , 2018 , 1076, 130-138	3.2	22
152	Gintonin, a novel ginseng-derived lysophosphatidic acid receptor ligand, stimulates neurotransmitter release. <i>Neuroscience Letters</i> , 2015 , 584, 356-61	3.3	21
151	Structural basis for recognition of the tumor suppressor protein PTPN14 by the oncoprotein E7 of human papillomavirus. <i>PLoS Biology</i> , 2019 , 17, e3000367	9.7	21
150	Basic Overview on Gas Chromatography Columns 2015 , 823-834		20
149	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> , 2015 , 38, 3345-53	3.4	20
148	Effect of 5-FU and MTX on the Expression of Drug-resistance Related Cancer Stem Cell Markers in Non-small Cell Lung Cancer Cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2012 , 16, 11-6	1.8	20
147	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> , 2017 , 1055-1056, 172-177	3.2	19
146	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> , 2017 , 1053, 1-8	3.2	19

145	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> , 2015 , 37, 567-73	2.7	19
144	Inert matrix and Na 4 EDTA improve the supercritical fluid extraction efficiency of fluoroquinolones for HPLC determination in pig tissues. <i>Talanta</i> , 2009 , 78, 348-57	6.2	19
143	Functional expression and characterization of a sodium-dependent nucleoside transporter hCNT2 cloned from human duodenum. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 307, 696-703	3.4	19
142	Quantitative analysis of fentanyl in rat plasma by gas chromatography with nitrogen-phosphorus detection. <i>Biomedical Applications</i> , 2001 , 765, 63-9		19
141	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> , 2016 , 192, 299-305	8.5	18
140	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> , 2016 , 39, 4688-4699	3.4	18
139	Polyphenolic profile and antioxidant effects of various parts of <i>Artemisia annua</i> L. <i>Biomedical Chromatography</i> , 2016 , 30, 588-95	1.7	18
138	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> , 2015 , 38, 2772-80	3.4	18
137	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> , 2017 , 1058, 1-7	3.2	17
136	Antifungal miconazole induces cardiotoxicity via inhibition of APE/Ref-1-related pathway in rat neonatal cardiomyocytes. <i>Toxicological Sciences</i> , 2012 , 126, 298-305	4.4	17
135	Embryo lethality and teratogenicity of a new fluoroquinolone antibacterial DW-116 in rats. <i>Archives of Toxicology</i> , 2000 , 74, 120-4	5.8	17
134	Approaches for application of sub and supercritical fluid extraction for quantification of orbifloxacin from plasma and milk: application to disposition kinetics. <i>Analytica Chimica Acta</i> , 2009 , 631, 108-15	6.6	16
133	Ginseng gintonin activates the human cardiac delayed rectifier K ⁺ channel: involvement of Ca ²⁺ /calmodulin binding sites. <i>Molecules and Cells</i> , 2014 , 37, 656-63	3.5	15
132	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> , 2018 , 239, 1235-1243	8.5	15
131	Colorimetric detection of penicillin antibiotic residues in pork using hybrid magnetic nanoparticles and penicillin class-selective, antibody-functionalized platinum nanoparticles. <i>Analytical Methods</i> , 2015 , 7, 7639-7645	3.2	14
130	Analysis of mandipropamid residual levels through systematic method optimization against the matrix complexity of sesame leaves using HPLC/UVD. <i>Biomedical Chromatography</i> , 2016 , 30, 990-995	1.7	14
129	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> , 2016 , 30, 1721-1727	1.7	14
128	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> , 2016 , 1012-1013, 8-16	3.2	14

127	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. <i>Archives of Pharmacal Research</i> , 2008 , 31, 1425-35	6.1	14
126	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> , 2016 , 39, 2079-86	3.4	14
125	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> , 2017 , 31, e3885	1.7	13
124	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> , 2016 , 39, 1433-41	3.4	13
123	Determination of Arbutin, Niacinamide, and Adenosine in Functional Cosmetic Products by High-Performance Liquid Chromatography. <i>Analytical Letters</i> , 2014 , 47, 1650-1660	2.2	13
122	Extracellular ATP is involved in the induction of apoptosis in murine hematopoietic cells. <i>Biological and Pharmaceutical Bulletin</i> , 2007 , 30, 671-6	2.3	13
121	Analytical approach, dissipation pattern and risk assessment of pesticide residue in green leafy vegetables: A comprehensive review. <i>Biomedical Chromatography</i> , 2018 , 32, e4134	1.7	13
120	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> , 2017 , 97, 99-111	1.8	12
119	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> , 2017 , 1064, 100-108	3.2	12
118	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> , 2015 , 29, 1932-6	1.7	12
117	Effect of zinc oxide nanoparticles on dams and embryo-fetal development in rats. <i>International Journal of Nanomedicine</i> , 2014 , 9 Suppl 2, 145-57	7.3	12
116	Development of QuEChERS-based extraction and liquid chromatography-tandem mass spectrometry method for quantifying flumethasone residues in beef muscle. <i>Meat Science</i> , 2012 , 92, 749-53	6.4	12
115	Determination of spinetoram in leafy vegetable crops using liquid chromatography and confirmation via tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2011 , 25, 1099-106	1.7	12
114	Analytical procedure to simultaneously measure trace amounts of trenbolone acetate and beta-trenbolone residues in porcine muscle using HPLC-UVD and MS. <i>Journal of Separation Science</i> , 2008 , 31, 3847-56	3.4	12
113	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> , 2019 , 15, 95-102	13	12
112	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> , 2017 , 31, e4033	1.7	11
111	Prenatal development toxicity study of zinc oxide nanoparticles in rats. <i>International Journal of Nanomedicine</i> , 2014 , 9 Suppl 2, 159-71	7.3	11
110	Determination of the esuletin contents of medicinal plants by liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2012 , 26, 1247-51	1.7	11

109	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. <i>Biomedical Chromatography</i> , 2011 , 25, 1061-6	1.7	11
108	Characterization of the pharmacokinetic disposition of levofloxacin in stallions after intravenous and intramuscular administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2008 , 31, 399-405	1.4	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. <i>Biomedical Chromatography</i> , 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. <i>Biomedical Chromatography</i> , 2008 , 22, 581-9	1.7	11
105	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> , 2016 , 38, 286-93	2.7	11
104	Ligand-Dependent Interaction of PPAR γ With T-Cell Protein Tyrosine Phosphatase 45 Enhances Insulin Signaling. <i>Diabetes</i> , 2018 , 67, 360-371	0.9	11
103	Simultaneous Detection of Glabridin, α -Bisabolol, and Ascorbyl Tetraisopalmitate in Whitening Cosmetic Creams Using HPLC-PAD. <i>Chromatographia</i> , 2016 , 79, 851-860	2.1	10
102	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> , 2017 , 1080, 387-394	3.2	10
101	Crystal structure and CRISPR RNA-binding site of the Cmr1 subunit of the Cmr interference complex. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014 , 70, 535-43		10
100	Pharmacokinetics and milk distribution characteristics of orbifloxacin following intravenous and intramuscular injection in lactating ewes. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2009 , 32, 338-44	1.4	10
99	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> , 2016 , 59, 43-49	2.9	10
98	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> , 2017 , 31, e3965	1.7	9
97	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> , 2016 , 196, 1331-7	8.5	9
96	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. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 743	3.1	9
95	Focal localization of MukBEF condensin on the chromosome requires the flexible linker region of MukF. <i>FEBS Journal</i> , 2009 , 276, 5101-10	5.7	9
94	Interaction of intestinal nucleoside transporter hCNT2 with amino acid ester prodrugs of floxuridine and 2-bromo-5,6-dichloro-1-beta-D-ribofuranosylbenzimidazole. <i>Biological and Pharmaceutical Bulletin</i> , 2006 , 29, 247-52	2.3	9
93	Transplacental pharmacokinetics of the new fluoroquinolone DW-116 in pregnant rats. <i>Toxicology Letters</i> , 2003 , 142, 103-9	4.4	9
92	Lpg0393 of <i>Legionella pneumophila</i> is a guanine-nucleotide exchange factor for Rab5, Rab21 and Rab22. <i>PLoS ONE</i> , 2015 , 10, e0118683	3.7	9

91	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> , 2016 , 39, 835-41	3.4	9
90	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> , 2019 , 278, 744-750	8.5	9
89	Determination of endrin and β -keto endrin in five food products of animal origin using GC-ECD: A modified QuEChERS approach to traditional detection. <i>Food Chemistry</i> , 2018 , 263, 59-66	8.5	9
88	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> , 2017 , 1040, 97-104	3.2	8
87	A <i>Dalbergia odorifera</i> extract improves the survival of endotoxemia model mice by inhibiting HMGB1 release. <i>BMC Complementary and Alternative Medicine</i> , 2017 , 17, 212	4.7	8
86	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> , 2017 , 26, 537-543	2.3	8
85	Simultaneous detection of bacitracin and polymyxin B in livestock products using liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2015 , 38, 2371-80	3.4	8
84	Pharmacokinetic variables of moxifloxacin in healthy male camels following intravenous and intramuscular administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2007 , 30, 586-91	1.4	8
83	Residue level and dissipation pattern of lepimectin in shallots using high-performance liquid chromatography coupled with photodiode array detection. <i>Biomedical Chromatography</i> , 2016 , 30, 1835-1842	1.7	8
82	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> , 2016 , 30, 946-52	1.7	8
81	Dissipation pattern and risk quotients assessment of amisulbrom in Korean melon cultivated in plastic house conditions. <i>Environmental Monitoring and Assessment</i> , 2017 , 189, 302	3.1	7
80	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> , 2017 , 221, 683-688	8.5	7
79	Residual dynamic and risk assessment of dimethomorph in Swiss chard grown at two different sites. <i>Biomedical Chromatography</i> , 2018 , 32, e4053	1.7	7
78	Sustainability of CD24 expression, cell proliferation and migration, cisplatin-resistance, and caspase-3 expression during mesenchymal-epithelial transition induced by the removal of TGF- β in A549 lung cancer cells. <i>Oncology Letters</i> , 2017 , 14, 2410-2416	2.6	7
77	The disappearance rate and risk assessment of thiacloprid residues in Asian pear using liquid chromatography confirmed with tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2017 , 31, e3861	1.7	7
76	Development and validation of a method for the analysis of cafenstrole and its metabolite in brown rice grains and rice straw using high-performance liquid chromatography. <i>Biomedical Chromatography</i> , 2008 , 22, 306-15	1.7	7
75	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> , 2017 , 1065-1066, 29-34	3.2	6
74	Simultaneous determination of spinosad, temephos, and piperonyl butoxide in animal-derived foods using LC-MS/MS. <i>Biomedical Chromatography</i> , 2019 , 33, e4493	1.7	6

73	Simultaneous determination of clonobutin, dichlorvos, and naftazone in pork, beef, chicken, milk, and egg using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2018 , 252, 40-48	8.5	6
72	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> , 2016 , 201, 153-9	8.5	6
71	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> , 2017 , 24, 22241-22250	5.1	6
70	Identification of 5,10-methylenetetrahydrofolate in rat bile. <i>Biomedical Applications</i> , 1994 , 661, 237-44		6
69	Simultaneous determination of tetrahydrofolate, 10-formyltetrahydrofolate and 5-methyltetrahydrofolate in rat bile by high-performance liquid chromatography with electrochemical detection. <i>Journal of Veterinary Medical Science</i> , 1994 , 56, 701-5	1.1	6
68	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> , 2016 , 30, 1535-40	1.7	6
67	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> , 2018 , 92, 201-206	3.4	6
66	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> , 2017 , 237, 1202-1208	8.5	5
65	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> , 2017 , 24, 24880-24895	5.1	5
64	Structural and Physiological Exploration of Typhi YfdX Uncovers Its Dual Function in Bacterial Antibiotic Stress and Virulence. <i>Frontiers in Microbiology</i> , 2018 , 9, 3329	5.7	5
63	Determination of metoserpate, buquinolate, and diclofenac in pork, eggs, and milk using liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2018 , 32, e4215	1.7	5
62	Dynamic residual pattern of azoxystrobin in Swiss chard with contribution to safety evaluation. <i>Biomedical Chromatography</i> , 2018 , 32, e4092	1.7	5
61	Crystal structure of SP-PTP, a low molecular weight protein tyrosine phosphatase from <i>Streptococcus pyogenes</i> . <i>Biochemical and Biophysical Research Communications</i> , 2016 , 478, 1217-22	3.4	5
60	Quantification of artesunate and its metabolite, dihydroartemisinin, in animal products using liquid chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2018 , 41, 3538-3546	3.4	5
59	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> , 2018 , 13, e0197635	3.7	5
58	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> , 2018 , 32, e4145	1.7	5
57	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> , 2019 , 33, e4501	1.7	4
56	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 2015 , 58, 173-183		4

55	Detecting fludioxonil residues in brown rice and rice straw using gas chromatography-nitrogen phosphorus detector 2015 , 58, 213-217		4
54	Chromatographic determination, decline dynamic and risk assessment of sulfoxaflo in Asian pear and oriental melon. <i>Biomedical Chromatography</i> , 2018 , 32, e4101	1.7	4
53	Determination of imidocarb in animal biosamples using simple high-performance liquid chromatography with diode-array detection. <i>Biomedical Reports</i> , 2014 , 2, 89-92	1.8	4
52	Expression of intestinal transporter genes in beagle dogs. <i>Experimental and Therapeutic Medicine</i> , 2013 , 5, 308-314	2.1	4
51	Subacute toxicity and toxicokinetics of CJ-10882, a type IV phosphodiesterase inhibitor, after 4-week repeated oral administration in dogs. <i>Food and Chemical Toxicology</i> , 2004 , 42, 373-80	4.7	4
50	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> , 2020 , 117, 19982-19993	11.5	4
49	R-catcher, a potent molecular tool to unveil the arginylome. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 3725-3741	10.3	4
48	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> , 2016 , 188, 348	3.1	4
47	Effects of light shading and climatic conditions on the metabolic behavior of flonicamid in red bell pepper. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 144	3.1	4
46	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> , 2017 , 26, 1145-1153	3	3
45	Effect of eicosapentaenoic acid on cholesterol gallstone formation in C57BL/6J mice. <i>Molecular Medicine Reports</i> , 2015 , 11, 362-6	2.9	3
44	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> , 2015 , 29, 1480-5	1.7	3
43	Evaluation of single-dose pharmacokinetics of cefepime in healthy bull camels (<i>Camelus dromedaries</i>). <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2009 , 32, 393-6	1.4	3
42	Nonlinear toxicokinetics of enrofloxacin in rats. <i>Archives of Pharmacol Research</i> , 2010 , 33, 1851-7	6.1	3
41	Transporters in the GI Tract. <i>Methods and Principles in Medicinal Chemistry</i> , 2003 , 243-287	0.4	3
40	Fetal and maternal tissue distribution of the new fluoroquinolone DW-116 in pregnant rats. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2003 , 136, 95-102	3.2	3
39	Aryl Sulfonamides Induce Degradation of Aryl Hydrocarbon Receptor Nuclear Translocator through CRL4 E3 Ligase. <i>Molecules and Cells</i> , 2020 , 43, 935-944	3.5	3
38	Simultaneous quantification of 12 veterinary drug residues in fishery products using liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2021 , 348, 129105	8.5	3

37	Residual detection of naproxen, methyltestosterone and 17 β -hydroxyprogesterone caproate in aquatic products by simple liquid-liquid extraction method coupled with liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2019 , 33, e4396	1.7	3
36	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> , 2021 , 11, 68-76	14	3
35	Signaling Pathways Regulated by UBR Box-Containing E3 Ligases. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
34	Molecular Analysis of the Interaction between Human PTPN21 and the Oncoprotein E7 from Human Papillomavirus Genotype 18. <i>Molecules and Cells</i> , 2021 , 44, 26-37	3.5	3
33	Oral toxicity of isotretinoin, misoprostol, methotrexate, mifepristone and levonorgestrel as pregnancy category X medications in female mice. <i>Experimental and Therapeutic Medicine</i> , 2015 , 9, 853-859	2.1	2
32	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> , 2016 , 59, 297-303	2.9	2
31	Crystal structures of two forms of the Acanthamoeba polyphaga mimivirus Rab GTPase. <i>Archives of Virology</i> , 2017 , 162, 3407-3416	2.6	2
30	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> , 2017 , 31, e3896	1.7	2
29	Preparation of a Monoclonal Antibody against Gintonin and Its Use in an Enzyme Immunoassay. <i>Biological and Pharmaceutical Bulletin</i> , 2015 , 38, 1631-7	2.3	2
28	Simultaneous determination of flupyrazofos and its metabolite 1-phenyl-3-trifluoromethyl-5-hydroxypyrazole and flupyrazofos oxon in rat plasma by high-performance liquid chromatography with ultraviolet absorbance detection. <i>Biomedical Chromatography</i> , 2017 , 31, e3896		2
27	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> , 2021 , 8, 812803	6.2	2
26	Structural and biochemical analysis of atypically low dephosphorylating activity of human dual-specificity phosphatase 28. <i>PLoS ONE</i> , 2017 , 12, e0187701	3.7	2
25	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> , 2019 , 42, 729-738	3.5	2
24	Characterization of the Heavy Metals Contaminating the River Nile at El-Giza Governorate, Egypt and Their Relative Bioaccumulations in. <i>Toxicological Research</i> , 2008 , 24, 297-305	3.7	2
23	Thirteen-week subcutaneous repeated dose toxicity study of butylparaben and its toxicokinetics in rats. <i>Archives of Toxicology</i> , 2021 , 95, 2037-2050	5.8	2
22	Discovery of Novel Striatal-enriched Protein Tyrosine Phosphatase Inhibitors Through Structure-based Virtual Screening. <i>Bulletin of the Korean Chemical Society</i> , 2016 , 37, 1783-1788	1.2	2
21	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> , 2019 , 33, e4522	1.7	2
20	Crystal structure of human LC8 bound to a peptide from Ebola virus VP35. <i>Journal of Microbiology</i> , 2021 , 59, 410-416	3	2

19	Analysis of toldimfos in porcine muscle and bovine milk using liquid chromatography-triple quadrupole mass spectrometry. <i>Biomedical Chromatography</i> , 2017 , 31, e3996	1.7	1
18	Simple extraction method for quantification of phenothiazine residues in pork muscle using liquid chromatography-triple quadrupole tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2017 , 31, e3891	1.7	1
17	Determination of halquinol residual levels in animal-derived food products using liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2018 , 32, e4339	1.7	1
16	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> , 2022 , 1	3	1
15	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> , 2021 , 35, e5007	1.7	1
14	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> , 2018 , 26, 5204-5211	3.4	1
13	The Discovery of Novel Protein Tyrosine Phosphatase Inhibitors Using a High-throughput Screening Approach. <i>Bulletin of the Korean Chemical Society</i> , 2017 , 38, 44-53	1.2	1
12	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> , 2015 , 38, 4048-54	3.4	0
11	Evidence for binary Smc complexes lacking kite subunits in archaea. <i>IUCrJ</i> , 2020 , 7, 193-206	4.7	0
10	Crystal Structure of the YAP-binding Domain of Human TEAD1. <i>Bulletin of the Korean Chemical Society</i> , 2018 , 40, 74	1.2	0
9	Functional expression and characterization in <i>Xenopus laevis</i> oocytes of the ABCG2 transporter derived from A549 human lung adenocarcinoma cells. <i>Oncology Reports</i> , 2012 , 27, 499-503	3.5	
8	Pharmacokinetic and Toxicokinetic Studies of Potential Antifungal Compounds, KAF-200522 and KAF-200522 HCl, in Animal Models. <i>Laboratory Animal Research</i> , 2010 , 26, 399	1.9	
7	Bioavailability of the amino acid-attached prodrug as a new anti-HIV agent in rats. <i>Journal of Veterinary Science</i> , 2007 , 8, 263-7	1.6	
6	Structural and Biochemical Characterization of the Two Low Molecular Weight-Protein Tyrosine Phosphatases DARP and Primo-1. <i>Molecules and Cells</i> , 2020 , 43, 1035-1045	3.5	
5	Identification of a Highly Conserved Hypothetical Protein TON_0340 as a Probable Manganese-Dependent Phosphatase. <i>PLoS ONE</i> , 2016 , 11, e0167549	3.7	
4	Assessment of General and Cardiac Toxicities of Astemizole in Male Cynomolgus Monkeys: Serum Biochemistry and Action Potential Duration. <i>Toxicological Research</i> , 2008 , 24, 289-295	3.7	
3	Gene Expression of Metabolizing Enzymes in Beagle Dog Intestine. <i>Journal of Animal and Veterinary Advances</i> , 2011 , 10, 1947-1955	0.1	
2	Development of a Sperm Preparation Method for Artificial Insemination in Rabbits. <i>Journal of Animal and Veterinary Advances</i> , 2012 , 11, 712-718	0.1	

- 1 Crystallization and preliminary diffraction analysis of the phosphatase domain of PTPN14 in the human papillomavirus E7 binding-defective mutant form. *BioDesign*, **2021**, 9, 63-66

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