

Xinmiao Liang

List of Publications by Year in Descending Order

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Version: 2024-04-23

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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.

253
papers

4,378
citations

35
h-index

51
g-index

275
ext. papers

5,113
ext. citations

4.8
avg, IF

5.59
L-index

#	Paper	IF	Citations
253	Ursodesoxycholic acid is an FFA4 agonist and reduces hepatic steatosis via FFA4 signaling.. <i>European Journal of Pharmacology</i> , 2022 , 174760	5.3	0
252	Structurally diverse isoquinoline and amide alkaloids with dopamine D2 receptor antagonism from <i>Corydalis bungeana</i> .. <i>Phytochemistry</i> , 2022 , 159, 105175	3.2	0
251	Corybungines A-K: Isoquinoline alkaloids from <i>Corydalis bungeana</i> with dopamine D2 receptor activity.. <i>Phytochemistry</i> , 2022 , 199, 113209	4	0
250	Application of Advanced Analytical Techniques in Organic Cultural Heritage: A Case Study of Ancient Architecture Relics in the Palace Museum (Beijing). <i>Coatings</i> , 2022 , 12, 636	2.9	
249	High-efficiency two-dimensional separation of natural products based on Cyclodextrin stationary phase working in both hydrophilic and reversed hydrophobic modes.. <i>Journal of Chromatography A</i> , 2022 , 1673, 463069	4.5	
248	Isolation of achiral aliphatic acid derivatives from <i>Piper kadsura</i> using preparative two-dimensional chiral supercritical fluid chromatography.. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1188, 123079	3.2	1
247	Evaluation and application of a positively-charged phenylaminopropyl bonded stationary phase for separation of basic compounds. <i>Journal of Chromatography A</i> , 2021 , 1660, 462674	4.5	0
246	Analysis of alkaloids in <i>Gelsemium elegans</i> Benth. Using an online heart-cutting + comprehensive RPLC-PLC system tandem mass spectrometry. <i>Talanta</i> , 2021 , 239, 123069	6.2	1
245	SARS-CoV-2 spike protein causes blood coagulation and thrombosis by competitive binding to heparan sulfate. <i>International Journal of Biological Macromolecules</i> , 2021 , 193, 1124-1124	7.9	3
244	Offline preparative three-dimensional HPLC for systematic and efficient purification of alkaloids from <i>Gelsemium elegans</i> Benth. <i>Journal of Chromatography A</i> , 2021 , 1640, 461935	4.5	4
243	Inhibition of drug-metabolizing enzymes by Qingfei Paidu decoction: Implication of herb-drug interactions in COVID-19 pharmacotherapy. <i>Food and Chemical Toxicology</i> , 2021 , 149, 111998	4.7	18
242	Calibration for quantitative Fc-glycosylation analysis of therapeutic IgG1-type monoclonal antibodies by using glycopeptide standards. <i>Analytica Chimica Acta</i> , 2021 , 1154, 338306	6.6	0
241	Comprehensive profiling and characterization of the absorbed components and metabolites in mice serum and tissues following oral administration of Qing-Fei-Pai-Du decoction by UHPLC-Q-Exactive-Orbitrap HRMS. <i>Chinese Journal of Natural Medicines</i> , 2021 , 19, 305-320	2.8	4
240	Label-free cell phenotypic study of opioid receptors and discovery of novel mu opioid ligands from natural products. <i>Journal of Ethnopharmacology</i> , 2021 , 270, 113872	5	2
239	Hydrophilic graphene oxide-dopamine-cationic cellulose composites and their applications in N-Glycopeptides enrichment. <i>Talanta</i> , 2021 , 226, 122112	6.2	6
238	A ternary eluent strategy to tune the peak shape of steviol glycosides in reversed-phase liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1173, 122673	3.2	1
237	Isolation of three polyoxins by reversed-phase liquid chromatography with pure aqueous mobile phase. <i>Journal of Separation Science</i> , 2021 , 44, 2020-2028	3.4	3

236	Characterization of rat and mouse acidic milk oligosaccharides based on hydrophilic interaction chromatography coupled with electrospray tandem mass spectrometry. <i>Carbohydrate Polymers</i> , 2021 , 259, 117734	10.3	4
235	Bioactivity-guided separation of antifungal compounds by preparative high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2021 , 44, 2382-2390	3.4	0
234	Automated Intact Glycopeptide Enrichment Method Facilitating Highly Reproducible Analysis of Serum Site-Specific N-Glycoproteome. <i>Analytical Chemistry</i> , 2021 , 93, 7473-7480	7.8	4
233	Unusual Nanofractal Microparticles for Rapid Protein Capture and Release. <i>Small</i> , 2021 , 17, e2102802	11	2
232	Purification of natural neutral N-glycans by using two-dimensional hydrophilic interaction liquid chromatography porous graphitized carbon chromatography for glycan-microarray assay. <i>Talanta</i> , 2021 , 221, 121382	6.2	6
231	Identification and target-pathway deconvolution of FFA4 agonists with anti-diabetic activity from <i>Arnebia euchroma</i> (Royle) Johnston. <i>Pharmacological Research</i> , 2021 , 163, 105173	10.2	3
230	Analgesic bisbenzylisoquinoline alkaloids from the rhizoma of <i>Menispermum dauricum</i> DC. <i>Bioorganic Chemistry</i> , 2021 , 107, 104517	5.1	4
229	Synthesis and chromatographic evaluation of pyrazinedicarboxylic anhydride bonded stationary phase. <i>Journal of Chromatography A</i> , 2021 , 1638, 461825	4.5	2
228	Structure-Activity Relationship Studies of Coumarin-like Diacid Derivatives as Human G Protein-Coupled Receptor-35 (hGPR35) Agonists and a Consequent New Design Principle. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 2634-2647	8.3	6
227	Isoquercetin Improves Inflammatory Response in Rats Following Ischemic Stroke. <i>Frontiers in Neuroscience</i> , 2021 , 15, 555543	5.1	6
226	Bidentatide, a Novel Plant Peptide Derived from Blume: Isolation, Characterization, and Neuroprotection through Inhibition of NR2B-Containing NMDA Receptors. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
225	Comprehensive O-Glycosylation Analysis of the SARS-CoV-2 Spike Protein with Biomimetic Trp-Arg Materials. <i>Analytical Chemistry</i> , 2021 , 93, 10444-10452	7.8	5
224	Deciphering the O-Glycosylation of HKU1 Spike Protein With the Dual-Functional Hydrophilic Interaction Chromatography Materials. <i>Frontiers in Chemistry</i> , 2021 , 9, 707235	5	1
223	Separation and characterization of phenylamides from <i>Piper kadsura</i> using preparative supercritical fluid chromatography and ultra-high-performance supercritical fluid chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2021 , 44, 3530-3539	3.4	1
222	A strategy for efficient enrichment of steroidal alkaloids from <i>Fritillaria</i> based on fluorinated reversed-phase stationary phase. <i>Journal of Separation Science</i> , 2021 , 44, 3441-3449	3.4	0
221	TiO Simultaneous Enrichment, On-Line Deglycosylation, and Sequential Analysis of Glyco- and Phosphopeptides. <i>Frontiers in Chemistry</i> , 2021 , 9, 703176	5	0
220	A general strategy for the structural determination of carbohydrates by multi-dimensional NMR spectroscopies. <i>Carbohydrate Polymers</i> , 2021 , 267, 118218	10.3	5
219	Discovery of eight alkaloids with D1 and D2 antagonist activity in leaves of <i>Nelumbo nucifera</i> Gaertn. Using FLIPR assays. <i>Journal of Ethnopharmacology</i> , 2021 , 278, 114335	5	1

218	Mechanism deconvolution of Qing Fei Pai Du decoction for treatment of Coronavirus Disease 2019 (COVID-19) by label-free integrative pharmacology assays. <i>Journal of Ethnopharmacology</i> , 2021 , 280, 114488	5	2
217	Computer-Aided Rapid Establishment of Fingerprint of Xiaojin Capsule by HPLC. <i>International Journal of Analytical Chemistry</i> , 2021 , 2021, 8858501	1.4	
216	Systematic evaluation and optimization of high-performance liquid chromatography separation of polyoxins. <i>Journal of Separation Science</i> , 2020 , 43, 3006-3016	3.4	0
215	Sustainable Production of Safe Plasticizers with Bio-Based Fumarates and 1,3-Dienes. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 7367-7374	3.9	7
214	High-Efficiency Phosphopeptide and Glycopeptide Simultaneous Enrichment by Hydrogen Bond-based Bifunctional Smart Polymer. <i>Analytical Chemistry</i> , 2020 , 92, 6269-6277	7.8	17
213	What Is Hidden Behind Schiff Base Hydrolysis? Dynamic Covalent Chemistry for the Precise Capture of Sialylated Glycans. <i>Journal of the American Chemical Society</i> , 2020 , 142, 7627-7637	16.4	12
212	Selective enrichment of sialylated glycopeptides with mesoporous poly-melamine-formaldehyde (mPMF) material. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 1497-1508	4.4	3
211	Systematic characterization of AT1 receptor antagonists with label-free dynamic mass redistribution assays. <i>Journal of Pharmacological and Toxicological Methods</i> , 2020 , 102, 106682	1.7	2
210	An offline two-dimensional supercritical fluid chromatography [reversed phase liquid chromatography tandem quadrupole time-of-flight mass spectrometry system for comprehensive gangliosides profiling in swine brain extract. <i>Talanta</i> , 2020 , 208, 120366	6.2	11
209	Application of two-dimensional liquid chromatography in the separation of traditional Chinese medicine. <i>Journal of Separation Science</i> , 2020 , 43, 87-104	3.4	18
208	Absolute quantitation of high abundant Fc-glycopeptides from human serum IgG-1. <i>Analytica Chimica Acta</i> , 2020 , 1102, 130-139	6.6	5
207	Evaluation of a series of phenyl-type stationary phases in supercritical fluid chromatography with the linear solvation energy relationship model and its application to the separation of phenolic compounds. <i>Journal of Chromatography A</i> , 2020 , 1614, 460700	4.5	7
206	Integration of micro-fractionation, high-performance liquid chromatography-ultraviolet detector-charged aerosol detector-mass spectrometry analysis and cellular dynamic mass redistribution assay to accelerate alkaloid drug discovery. <i>Journal of Chromatography A</i> , 2020 , 1616, 460779	4.5	3
205	Chemical profiling of spermidines in goji berry by strong cation exchange solid-phase extraction (SCX-SPE) combined with ultrahigh-performance liquid chromatography-quadrupole time-of-flight mass spectrometry (UPLC-Q-TOF/MS/MS). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1197, 121923	3.2	6
204	Phenotypic assessment and ligand screening of ETA/ETB receptors with label-free dynamic mass redistribution assay. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020 , 393, 937-950	3.4	0
203	Synthesis and chromatographic evaluation of a new stationary phase based on mild thiol-Michael addition reaction. <i>Journal of Chromatography A</i> , 2020 , 1617, 460807	4.5	0
202	Scocycamides, a Pair of Macrocyclic Dicafeoylspermidines with Butyrylcholinesterase Inhibition and Antioxidation Activity from the Roots of. <i>Organic Letters</i> , 2020 , 22, 8240-8244	6.2	5
201	Highly Efficient Separation of Methylated Peptides Utilizing Selective Complexation between Lysine and 18-Crown-6. <i>Analytical Chemistry</i> , 2020 , 92, 15663-15670	7.8	3

200	Synthesis and evaluation of 3-(4-(phenoxyethyl)phenyl)propanoic acid and N-phenylbenzenesulfonamide derivatives as FFA4 agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127650	2.9	3
199	Functional Nanochannels for Sensing Tyrosine Phosphorylation. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16324-16333	16.4	23
198	Combination of multi-model statistical analysis and quantitative fingerprinting in quality evaluation of Shuang-huang-lian oral liquid. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 7073-7083	4.4	1
197	Recent advances in hydrophilic interaction liquid chromatography materials for glycopeptide enrichment and glycan separation. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 124, 115570	14.6	49
196	Identification of novel phytocannabinoids from Ganoderma by label-free dynamic mass redistribution assay. <i>Journal of Ethnopharmacology</i> , 2020 , 246, 112218	5	8
195	Determination of Three Carotenoids in Microalgae by Matrix Solid-Phase Dispersion Extraction and High-Performance Liquid Chromatography. <i>Chromatographia</i> , 2019 , 82, 1593-1601	2.1	2
194	A Natural Product with High Affinity to Sigma and 5-HT Receptors as Novel Therapeutic Drug for Negative and Cognitive Symptoms of Schizophrenia. <i>Neurochemical Research</i> , 2019 , 44, 2536-2545	4.6	7
193	Characterization of tropane and cinnamamide alkaloids from <i>Scopolia tangutica</i> by high-performance liquid chromatography with quadrupole time-of-flight tandem mass spectrometry. <i>Journal of Separation Science</i> , 2019 , 42, 1163-1173	3.4	5
192	Design, synthesis and evaluation of a series of alkylsiloxane-bonded stationary phases for expanded supercritical fluid chromatography separations. <i>Journal of Chromatography A</i> , 2019 , 1593, 127-134	4.5	2
191	Label-free cell phenotypic study of FFA4 and FFA1 and discovery of novel agonists of FFA4 from natural products.. <i>RSC Advances</i> , 2019 , 9, 15073-15083	3.7	5
190	Isolation and bioactive evaluation of flavonoid glycosides from <i>Lobelia chinensis</i> Lour using two-dimensional liquid chromatography combined with label-free cell phenotypic assays. <i>Journal of Chromatography A</i> , 2019 , 1601, 224-231	4.5	13
189	Profiling of Human Milk Oligosaccharides for Lewis Epitopes and Secretor Status by Electrostatic Repulsion Hydrophilic Interaction Chromatography Coupled with Negative-Ion Electrospray Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2019 , 91, 8199-8206	7.8	6
188	Offline preparative 2-D polar-copolymerized reversed-phase chromatography & zwitterionic hydrophilic interaction chromatography for effective purification of polar compounds from <i>Caulis Polygoni Multiflori</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1118-1119, 70-77	3.2	11
187	Chemoselectivity of Pristine Cellulose Nanocrystal Films Driven by Carbohydrate-Carbohydrate Interactions. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 13114-13122	9.5	17
186	Preparation of glutathione-functionalized zwitterionic silica material for efficient enrichment of sialylated N-glycopeptides. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 4131-4140	4.4	17
185	pH-Regulated Heterostructure Porous Particles Enable Similarly Sized Protein Separation. <i>Advanced Materials</i> , 2019 , 31, e1900391	24	22
184	Highly Efficient Analysis of Glycoprotein Sialylation in Human Serum by Simultaneous Quantification of Glycosites and Site-Specific Glycoforms. <i>Journal of Proteome Research</i> , 2019 , 18, 3439-3446	5.6	8
183	Purification of tertiary and quaternary alkaloids from <i>Rhizoma Corydalis</i> using reversed-phase/weak cation-exchange mixed-mode class separation combined with preparative C18 and silica based strong cation-exchange chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1126-1127, 1217-12	3.2	5

182	Profile and content of sialylated oligosaccharides in donkey milk at early lactation. <i>LWT - Food Science and Technology</i> , 2019 , 115, 108437	5.4	11
181	Smart polymers driven by multiple and tunable hydrogen bonds for intact phosphoprotein enrichment. <i>Science and Technology of Advanced Materials</i> , 2019 , 20, 858-869	7.1	6
180	Biomimetic nanochannels for the discrimination of sialylated glycans a tug-of-war between glycan binding and polymer shrinkage. <i>Chemical Science</i> , 2019 , 11, 748-756	9.4	16
179	Chemoenzymatic Synthesis of -Mannose Glycans Containing Sulfated or Nonsulfated HNK-1 Epitope. <i>Journal of the American Chemical Society</i> , 2019 , 141, 19351-19359	16.4	13
178	Resonant waveguide grating based assays for colloidal aggregate detection and promiscuity characterization in natural products.. <i>RSC Advances</i> , 2019 , 9, 38055-38064	3.7	1
177	Strong electrostatic repulsive interaction used for fast and effective alkaloid enrichment from plants. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1105, 148-155	3.2	2
176	Production of 1,2-Cyclohexanedicarboxylates from Diacetone Alcohol and Fumarates. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 2980-2988	8.3	8
175	In vitro immunomodulatory effects of human milk oligosaccharides on murine macrophage RAW264.7 cells. <i>Carbohydrate Polymers</i> , 2019 , 207, 230-238	10.3	21
174	Chemical Identity and Mechanism of Action and Formation of a Cell Growth Inhibitory Compound from Polycarbonate Flasks. <i>Analytical Chemistry</i> , 2018 , 90, 4603-4610	7.8	3
173	SAR Studies of -[2-(1-Tetrazol-5-yl)phenyl]benzamide Derivatives as Potent G Protein-Coupled Receptor-35 Agonists. <i>ACS Medicinal Chemistry Letters</i> , 2018 , 9, 422-427	4.3	4
172	On-line comprehensive two-dimensional liquid chromatography tandem mass spectrometry for the analysis of <i>Curcuma kwangsiensis</i> . <i>Talanta</i> , 2018 , 186, 73-79	6.2	18
171	Profiling of Sialylated Oligosaccharides in Mammalian Milk Using Online Solid Phase Extraction-Hydrophilic Interaction Chromatography Coupled with Negative-Ion Electrospray Mass Spectrometry. <i>Analytical Chemistry</i> , 2018 , 90, 3174-3182	7.8	32
170	Selective enrichment of N-linked glycopeptides and glycans by using a dextran-modified hydrophilic material. <i>Journal of Separation Science</i> , 2018 , 41, 2003-2011	3.4	6
169	Receptor-specific crosstalk between prostanoid E receptor 3 and bombesin receptor subtype 3. <i>FASEB Journal</i> , 2018 , 32, 3184-3192	0.9	6
168	Mesoporous silica-carbon composites fabricated by a universal strategy of hydrothermal carbonization: controllable synthesis and applications.. <i>RSC Advances</i> , 2018 , 8, 27207-27215	3.7	7
167	Highly Efficient Identification of O-GalNAc Glycosylation by an Acid-Assisted Glycoform Simplification Approach. <i>Proteomics</i> , 2018 , 18, e1800042	4.8	6
166	Interfacially Polymerized Particles with Heterostructured Nanopores for Glycopeptide Separation. <i>Advanced Materials</i> , 2018 , 30, e1803299	24	35
165	A receptor-specific crosstalk between the prostanoid 3 and the Bombesin sub-type 3 receptors. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO4-1-87	0	

164	Synthesis and chromatographic evaluation of phenyl/tetrazole bonded stationary phase based on thiol-epoxy ring opening reaction. <i>Journal of Separation Science</i> , 2018 , 41, 856-867	3.4	5
163	Novel nanoporous covalent organic frameworks for the selective extraction of endogenous peptides.. <i>RSC Advances</i> , 2018 , 8, 37528-37533	3.7	8
162	Selective enrichment of sialylated glycopeptides with a d-allose@SiO matrix.. <i>RSC Advances</i> , 2018 , 8, 38780-38786	3.7	5
161	Discovery of β adrenoceptor agonists in Curcuma zedoaria Rosc using label-free cell phenotypic assay combined with two-dimensional liquid chromatography. <i>Journal of Chromatography A</i> , 2018 , 1577, 59-65	4.5	6
160	Saikosaponin D from Radix Bupleuri suppresses triple-negative breast cancer cell growth by targeting β atenin signaling. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 108, 724-733	7.5	26
159	Chemoenzymatic Approach for the Proteomics Analysis of Mucin-Type Core-1 O-Glycosylation in Human Serum. <i>Analytical Chemistry</i> , 2018 , 90, 12714-12722	7.8	10
158	Enzyme-assisted extraction and liquid chromatography-inductively coupled plasma mass spectrometry for the determination of arsenic species in fish. <i>Journal of Chromatography A</i> , 2018 , 1573, 48-58	4.5	14
157	Separation of Piper kadsura Using Preparative Supercritical Fluid Chromatography Combined with Preparative Reversed-Phase Liquid Chromatography. <i>Chromatographia</i> , 2018 , 81, 1181-1187	2.1	6
156	Discovery of novel antagonists on β adrenoceptor from natural products using a label-free cell phenotypic assay. <i>Naunyn-Schmiedebergis Archives of Pharmacology</i> , 2018 , 391, 1411-1420	3.4	5
155	Determination of N-Glycopeptides by Hydrophilic Interaction Liquid Chromatography and Porous Graphitized Carbon Chromatography with Mass Spectrometry Detection. <i>Analytical Letters</i> , 2017 , 50, 315-324	2.2	6
154	Sialic Acid-Responsive Polymeric Interface Material: From Molecular Recognition to Macroscopic Property Switching. <i>Scientific Reports</i> , 2017 , 7, 40913	4.9	5
153	New Opportunities and Challenges of Smart Polymers in Post-Translational Modification Proteomics. <i>Advanced Materials</i> , 2017 , 29, 1604670	24	32
152	Mixed-mode reversed phase/positively charged repulsion chromatography for intact protein separation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 138, 63-69	3.5	8
151	Chromatographic methods for the analysis of oligosaccharides in human milk. <i>Analytical Methods</i> , 2017 , 9, 1071-1077	3.2	15
150	In-Depth Analysis of Glycoprotein Sialylation in Serum Using a Dual-Functional Material with Superior Hydrophilicity and Switchable Surface Charge. <i>Analytical Chemistry</i> , 2017 , 89, 3966-3972	7.8	33
149	Discovery of new muscarinic acetylcholine receptor antagonists from Scopolia tangutica. <i>Scientific Reports</i> , 2017 , 7, 46067	4.9	13
148	A magnetic restricted access material for rapid solid phase extraction of multiple macrolide antibiotics in honey. <i>Analytical Methods</i> , 2017 , 9, 2990-2996	3.2	7
147	Exploratory Purification of Compounds from Aqueous Extracts of Pinus massoniana Lamb. by Two-Dimensional Preparative Liquid Chromatography. <i>Chromatographia</i> , 2017 , 80, 39-43	2.1	1

146	Rapid purification of diastereoisomers from Piper kadsura using supercritical fluid chromatography with chiral stationary phases. <i>Journal of Chromatography A</i> , 2017 , 1509, 141-146	4.5	18
145	Proteomics: New Opportunities and Challenges of Smart Polymers in Post-Translational Modification Proteomics (Adv. Mater. 20/2017). <i>Advanced Materials</i> , 2017 , 29,	24	3
144	"Two-dimensional" molecularly imprinted solid-phase extraction coupled with crystallization and high performance liquid chromatography for fast semi-preparative purification of tannins from pomegranate husk extract. <i>Journal of Chromatography A</i> , 2017 , 1505, 35-42	4.5	10
143	Purification of lignans from Fructus Arctii using off-line two-dimensional supercritical fluid chromatography/reversed-phase liquid chromatography. <i>Journal of Separation Science</i> , 2017 , 40, 3231-3238	3.4	14
142	Construction of an off-line two dimensional reversed-phase liquid chromatography/ultra-high performance supercritical fluid chromatography method for rapid and comprehensive analysis of Piper kadsura. <i>Journal of Supercritical Fluids</i> , 2017 , 127, 9-14	4.2	12
141	Proteomics Analysis of O-GalNAc Glycosylation in Human Serum by an Integrated Strategy. <i>Analytical Chemistry</i> , 2017 , 89, 1469-1476	7.8	29
140	Two-dimensional solid-phase extraction strategy for the selective enrichment of aminoglycosides in milk. <i>Journal of Separation Science</i> , 2017 , 40, 1099-1106	3.4	5
139	Discovery of 2H-Chromen-2-one Derivatives as G Protein-Coupled Receptor-35 Agonists. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 362-372	8.3	14
138	A polyacrylamide-based silica stationary phase for the separation of carbohydrates using alcohols as the weak eluent in hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , 2017 , 1524, 153-159	4.5	16
137	Preparative separation of the polar part from the rhizomes of Anemarrhena asphodeloides using a hydrophilic C18 stationary phase. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1063, 149-155	3.2	3
136	Hydrogen bond based smart polymer for highly selective and tunable capture of multiply phosphorylated peptides. <i>Nature Communications</i> , 2017 , 8, 461	17.4	51
135	Selective separation of xanthenes and saponins from the rhizomes of Anemarrhena asphodeloides by modulating the density of surface charges in C18-bonded stationary phases. <i>Analytical Methods</i> , 2017 , 9, 5604-5610	3.2	2
134	Purification of high-purity glycyrrhizin from licorice using hydrophilic interaction solid phase extraction coupled with preparative reversed-phase liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1040, 47-52	3.2	18
133	Practical method for the definition of chromatographic peak parameters in preparative liquid chromatography. <i>Journal of Separation Science</i> , 2016 , 39, 3917-3926	3.4	2
132	A highly selective hydrophilic sorbent for enrichment of N-linked glycopeptides. <i>Journal of Chromatography A</i> , 2016 , 1460, 197-201	4.5	10
131	Synthesis and evaluation of a maltose-bonded silica gel stationary phase for hydrophilic interaction chromatography and its application in Ginkgo Biloba extract separation in two-dimensional systems. <i>Journal of Separation Science</i> , 2016 , 39, 3339-47	3.4	13
130	Evaluation and application of a mixed-mode chromatographic stationary phase in two-dimensional liquid chromatography for the separation of traditional Chinese medicine. <i>Journal of Separation Science</i> , 2016 , 39, 2221-8	3.4	9
129	Oxidized dextran facilitated synthesis of a silica-based concanavalin a material for lectin affinity enrichment of glycoproteins/glycopeptides. <i>Journal of Chromatography A</i> , 2016 , 1455, 147-155	4.5	38

128	Recent development in liquid chromatography stationary phases for separation of Traditional Chinese Medicine components. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 130, 336-346	3.5	25
127	Label-free cell phenotypic profiling and pathway deconvolution of neurotensin receptor-1. <i>Pharmacological Research</i> , 2016 , 108, 39-45	10.2	16
126	Preparation of glyco-silica materials via thiol-ene click chemistry for adsorption and separation. <i>RSC Advances</i> , 2016 , 6, 8584-8587	3.7	13
125	Separation and characterization of bufadienolides in toad skin using two-dimensional normal-phase liquid chromatography reversed-phase liquid chromatography coupled with mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1006, 17-24	3.2	18
124	Determination of Underivatized Glyphosate Residues in Plant-Derived Food with Low Matrix Effect by Solid Phase Extraction-Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2016 , 9, 2856-2863	3.4	26
123	Study of matrix effects for liquid chromatography-electrospray ionization tandem mass spectrometric analysis of 4 aminoglycosides residues in milk. <i>Journal of Chromatography A</i> , 2016 , 1437, 8-14	4.5	30
122	Hydroxycinnamic acid amides from <i>Scopolia tangutica</i> inhibit the activity of M1 muscarinic acetylcholine receptor in vitro. <i>Phytotherapy Research</i> , 2016 , 108, 9-12	3.2	8
121	Label-Free Cell Phenotypic Assays for Assessing Drug Polypharmacology. <i>Current Pharmaceutical Design</i> , 2016 , 22, 3190-200	3.3	7
120	The Antinociceptive Properties of the <i>Corydalis yanhusuo</i> Extract. <i>PLoS ONE</i> , 2016 , 11, e0162875	3.7	27
119	Separation analysis of macrolide antibiotics with good performance on a positively charged C18HCE column. <i>Journal of Separation Science</i> , 2016 , 39, 1073-81	3.4	11
118	Anti-gastric cancer activity in three-dimensional tumor spheroids of bufadienolides. <i>Scientific Reports</i> , 2016 , 6, 24772	4.9	12
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