

Xinmiao Liang

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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	Qualitative and quantitative analysis in quality control of traditional Chinese medicines. <i>Journal of Chromatography A</i> , 2009 , 1216, 2033-44	4.5	181
252	A novel zwitterionic HILIC stationary phase based on "thiol-ene" click chemistry between cysteine and vinyl silica. <i>Chemical Communications</i> , 2011 , 47, 4550-2	5.8	149
251	Hydrophilic interaction chromatography based enrichment of glycopeptides by using click maltose: a matrix with high selectivity and glycosylation heterogeneity coverage. <i>Chemistry - A European Journal</i> , 2009 , 15, 12618-26	4.8	141
250	Novel two-dimensional reversed-phase liquid chromatography/hydrophilic interaction chromatography, an excellent orthogonal system for practical analysis. <i>Journal of Chromatography A</i> , 2008 , 1208, 133-40	4.5	98
249	Iron Chloride/4-Acetamido-TEMPO/Sodium Nitrite-Catalyzed Aerobic Oxidation of Primary Alcohols to the Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 113-118	5.6	91
248	Centrifugation assisted microreactor enables facile integration of trypsin digestion, hydrophilic interaction chromatography enrichment, and on-column deglycosylation for rapid and sensitive N-glycoproteome analysis. <i>Analytical Chemistry</i> , 2012 , 84, 5146-53	7.8	84
247	Lysophosphatidylcholine profiling of plasma: discrimination of isomers and discovery of lung cancer biomarkers. <i>Metabolomics</i> , 2010 , 6, 478-488	4.7	79
246	Graphene nanoplatelets as a highly efficient solid-phase extraction sorbent for determination of phthalate esters in aqueous solution. <i>Talanta</i> , 2014 , 120, 71-5	6.2	69
245	A novel click chitooligosaccharide for hydrophilic interaction liquid chromatography. <i>Chemical Communications</i> , 2009 , 6973-5	5.8	68
244	Glutathione-based zwitterionic stationary phase for hydrophilic interaction/cation-exchange mixed-mode chromatography. <i>Journal of Chromatography A</i> , 2013 , 1314, 63-9	4.5	67
243	A novel analgesic isolated from a traditional Chinese medicine. <i>Current Biology</i> , 2014 , 24, 117-123	6.3	61
242	Sodium Nitrite-Catalyzed Oxybromination of Aromatic Compounds and Aryl Ketones with a Combination of Hydrobromic Acid and Molecular Oxygen under Mild Conditions. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 862-866	5.6	60
241	Selective enrichment of glycopeptides/phosphopeptides using porous titania microspheres. <i>Chemical Communications</i> , 2010 , 46, 5488-90	5.8	58
240	Polar-copolymerized approach based on horizontal polymerization on silica surface for preparation of polar-modified stationary phases. <i>Journal of Chromatography A</i> , 2010 , 1217, 4555-60	4.5	58
239	Chemically bonded maltose via click chemistry as stationary phase for HILIC. <i>Analytical Methods</i> , 2010 , 2, 217-224	3.2	52
238	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
237	Comprehensive characterization of <i>Stevia rebaudiana</i> using two-dimensional reversed-phase liquid chromatography/hydrophilic interaction liquid chromatography. <i>Journal of Separation Science</i> , 2012 , 35, 1821-7	3.4	51

236	Base-Base Bifunctional Catalysis: A Practical Strategy for Asymmetric Michael Addition of Malonates to α,β -Unsaturated Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 1383-1389	5.6	51
235	Combination of off-line two-dimensional hydrophilic interaction liquid chromatography for polar fraction and two-dimensional hydrophilic interaction liquid chromatography/reversed-phase liquid chromatography for medium-polar fraction in a traditional Chinese medicine. <i>Journal of Chromatography A</i> , 2012 , 1224, 61-9	4.5	49
234	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
233	Separation of carbohydrates using hydrophilic interaction liquid chromatography. <i>Carbohydrate Research</i> , 2013 , 379, 13-7	2.9	47
232	Purification of amide alkaloids from Piper longum L. using preparative two-dimensional normal-phase liquid chromatography/reversed-phase liquid chromatography. <i>Analyst, The</i> , 2013 , 138, 3313-20	5	46
231	Comprehensive HILIC/RPLC with mass spectrometry detection for the analysis of saponins in Panax notoginseng. <i>Analyst, The</i> , 2012 , 137, 2239-49	5	45
230	Preparation and chromatographic evaluation of a newly designed steviol glycoside modified-silica stationary phase in hydrophilic interaction liquid chromatography and reversed phase liquid chromatography. <i>Journal of Chromatography A</i> , 2015 , 1388, 110-8	4.5	44
229	Trichloroisocyanuric Acid: A Convenient Oxidation Reagent for Phase-Transfer Catalytic Epoxidation of Enones under Non-Aqueous Conditions. <i>Advanced Synthesis and Catalysis</i> , 2004 , 346, 691-696	5.6	41
228	"Click oligo(ethylene glycol)": an excellent orthogonal stationary phase to C18 for two-dimensional reversed-phase/reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2008 , 1206, 153-9	4.5	40
227	Highly efficient NaNO ₂ -catalyzed destruction of trichlorophenol using molecular oxygen. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5520-3	16.4	39
226	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
225	Hydrophilic interaction chromatography for selective separation of isomeric saponins. <i>Journal of Chromatography A</i> , 2014 , 1325, 121-8	4.5	38
224	Overloading study of basic compounds with a positively charged C18 column in liquid chromatography. <i>Journal of Chromatography A</i> , 2013 , 1281, 60-6	4.5	37
223	"Click dipeptide": a novel stationary phase applied in two-dimensional liquid chromatography. <i>Journal of Chromatography A</i> , 2009 , 1216, 8623-9	4.5	36
222	Poly(vinyl alcohol) Modified Porous Graphitic Carbon Stationary Phase for Hydrophilic Interaction Liquid Chromatography. <i>Analytical Chemistry</i> , 2016 , 88, 4676-81	7.8	36
221	Interfacially Polymerized Particles with Heterostructured Nanopores for Glycopeptide Separation. <i>Advanced Materials</i> , 2018 , 30, e1803299	24	35
220	Convenient Preparation of Chiral α,β -Epoxy Ketones via Claisen-Schmidt Condensation-Epoxidation Sequence. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 1033-1036	5.6	35
219	Analysis of iridoid glucosides in Hedyotis diffusa by high-performance liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 205-11	3.5	35

218	Purification of saponins from leaves of <i>Panax notoginseng</i> using preparative two-dimensional reversed-phase liquid chromatography/hydrophilic interaction chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 3413-21	4.4	34
217	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
216	Identification of Ginsenosides in <i>Panax quinquefolium</i> by LC-MS. <i>Chromatographia</i> , 2006 , 64, 31-36	2.1	33
215	New Opportunities and Challenges of Smart Polymers in Post-Translational Modification Proteomics. <i>Advanced Materials</i> , 2017 , 29, 1604670	24	32
214	Hydrophilic-subtraction model for the characterization and comparison of hydrophilic interaction liquid chromatography columns. <i>Journal of Chromatography A</i> , 2015 , 1398, 29-46	4.5	32
213	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
212	Two-dimensional strong cation exchange/positively charged reversed-phase liquid chromatography for alkaloid analysis and purification. <i>Journal of Separation Science</i> , 2013 , 36, 3845-52	3.4	32
211	Bioinspired Saccharide-Saccharide Interaction and Smart Polymer for Specific Enrichment of Sialylated Glycopeptides. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13294-302	9.5	32
210	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
209	Proteomics Analysis of O-GalNAc Glycosylation in Human Serum by an Integrated Strategy. <i>Analytical Chemistry</i> , 2017 , 89, 1469-1476	7.8	29
208	Characterization of anthocyanins in wild <i>Lycium ruthenicum</i> Murray by HPLC-DAD/QTOF-MS/MS. <i>Analytical Methods</i> , 2015 , 7, 4947-4956	3.2	29
207	Enantioselective organocatalytic phospho-Michael reaction of α -unsaturated aldehydes. <i>RSC Advances</i> , 2011 , 1, 698	3.7	28
206	Purification of active bufadienolides from toad skin by preparative reversed-phase liquid chromatography coupled with hydrophilic interaction chromatography. <i>Journal of Separation Science</i> , 2010 , 33, 1487-94	3.4	28
205	Synthesis and evaluation of sulfobetaine zwitterionic polymer bonded stationary phase. <i>Talanta</i> , 2016 , 161, 860-866	6.2	28
204	Preparative separation of a challenging anthocyanin from <i>Lycium ruthenicum</i> Murr. by two-dimensional reversed-phase liquid chromatography/hydrophilic interaction chromatography. <i>RSC Advances</i> , 2015 , 5, 62134-62141	3.7	27
203	Separation and identification of flavonoids from complex samples using off-line two-dimensional liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1220, 50-6	4.5	27
202	The Antinociceptive Properties of the <i>Corydalis yanhusuo</i> Extract. <i>PLoS ONE</i> , 2016 , 11, e0162875	3.7	27
201	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

200	High-performance purification of quaternary alkaloids from <i>Corydalis yanhusuo</i> W. T. Wang using a new polar-copolymerized stationary phase. <i>Journal of Separation Science</i> , 2011 , 34, 53-8	3.4	26
199	Saikosaponin D from <i>Radix Bupleuri</i> suppresses triple-negative breast cancer cell growth by targeting Eatenin signaling. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 108, 724-733	7.5	26
198	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
197	Rapid and simultaneous analysis of sesquiterpene pyridine alkaloids from <i>Tripterygium wilfordii</i> Hook. f. Using supercritical fluid chromatography-diode array detector-tandem mass spectrometry. <i>Journal of Supercritical Fluids</i> , 2015 , 104, 85-93	4.2	25
196	Dipeptide-Based Carbohydrate Receptors and Polymers for Glycopeptide Enrichment and Glycan Discrimination. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 22084-92	9.5	25
195	Efficient purification of active bufadienolides by a class separation method based on hydrophilic solid-phase extraction and reversed-phase high performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 97, 54-64	3.5	24
194	A polyvinyl alcohol-functionalized sorbent for extraction and determination of aminoglycoside antibiotics in honey. <i>Journal of Chromatography A</i> , 2015 , 1403, 32-6	4.5	23
193	Functional Nanochannels for Sensing Tyrosine Phosphorylation. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16324-16333	16.4	23
192	pH-Regulated Heterostructure Porous Particles Enable Similarly Sized Protein Separation. <i>Advanced Materials</i> , 2019 , 31, e1900391	24	22
191	Sample preparation for mass spectrometric analysis of human serum N-glycans using hydrophilic interaction chromatography-based solid phase extraction. <i>Analyst, The</i> , 2014 , 139, 4538-46	5	22
190	Label-free cell phenotypic profiling identifies pharmacologically active compounds in two traditional Chinese medicinal plants. <i>RSC Advances</i> , 2014 , 4, 26368-26377	3.7	22
189	The herbalome--an attempt to globalize Chinese herbal medicine. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 573-81	4.4	22
188	Enantioselective Organocatalytic Synthesis of Oxazolidine Derivatives through a One-Pot Cascade Reaction. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 343-348	5.6	22
187	Efficient purification of high-purity compounds from the stem of <i>Lonicera japonica</i> Thunb using two-dimensional preparative chromatography. <i>Journal of Separation Science</i> , 2013 , 36, 2414-20	3.4	21
186	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
185	Effective 2D-RPLC/RPLC enrichment and separation of micro-components from <i>Hedyotis diffusa</i> Willd. and characterization by using ultra-performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 99, 35-44	3.5	20
184	Two-dimensional RPLC-RPLC system with different pH in two dimensions for separation of alkaloids from <i>Corydalis yanhusuo</i> W. T. Wang. <i>Journal of Separation Science</i> , 2009 , 32, 2084-9	3.4	20
183	A controlled thiol-initiated surface polymerization strategy for the preparation of hydrophilic polymer stationary phases. <i>Chemical Communications</i> , 2015 , 51, 14778-80	5.8	19

182	Selective separation and purification of highly polar basic compounds using a silica-based strong cation exchange stationary phase. <i>Analytica Chimica Acta</i> , 2013 , 804, 304-12	6.6	19
181	Two-dimensional LC-MS analysis of components in <i>Swertia franchetiana</i> Smith. <i>Journal of Separation Science</i> , 2008 , 31, 935-44	3.4	19
180	Rapid purification of diastereoisomers from <i>Piper kadsura</i> using supercritical fluid chromatography with chiral stationary phases. <i>Journal of Chromatography A</i> , 2017 , 1509, 141-146	4.5	18
179	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
178	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 , 1026, 67-74	3.2	18
177	A dextran-bonded stationary phase for saccharide separation. <i>Journal of Chromatography A</i> , 2014 , 1345, 57-67	4.5	18
176	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
175	Amide alkaloids from <i>Scopolia tangutica</i> . <i>Planta Medica</i> , 2014 , 80, 1124-30	3.1	18
174	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
173	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
172	Chemoselectivity of Pristine Cellulose Nanocrystal Films Driven by Carbohydrate-Carbohydrate Interactions. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 13114-13122	9.5	17
171	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
170	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
169	Neural activity analysis of pure chito-oligomer components separated from a mixture of chitoooligosaccharides. <i>Neuroscience Letters</i> , 2014 , 581, 32-6	3.3	17
168	Selective enrichment of N-linked glycopeptides by using a highly hydrophilic matrix synthesized via click chemistry. <i>Analytical Methods</i> , 2010 , 2, 1667	3.2	17
167	Identification and characterization of naturally occurring inhibitors against human carboxylesterase 2 in White Mulberry Root-bark. <i>Fitoterapia</i> , 2016 , 115, 57-63	3.2	17
166	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
165	Label-free cell phenotypic profiling and pathway deconvolution of neurotensin receptor-1. <i>Pharmacological Research</i> , 2016 , 108, 39-45	10.2	16

164	Purification of bufadienolides from the skin of <i>Bufo bufo gargarizans</i> Cantor with positively charged C18 column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 92, 105-13	3.5	16
163	Retention mechanism and enrichment of glycopeptides on titanium dioxide. <i>Analytical Methods</i> , 2013 , 5, 7072	3.2	16
162	Thermal Characteristics Analysis of Die Attach Layer Based on Time-Constant Spectrum for High-Power LED. <i>IEEE Transactions on Electron Devices</i> , 2015 , 62, 3715-3721	2.9	16
161	Three new cyclopeptide alkaloids from <i>Zizyphus</i> species. <i>Journal of Asian Natural Products Research</i> , 2008 , 10, 719-23	1.5	16
160	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
159	Chromatographic methods for the analysis of oligosaccharides in human milk. <i>Analytical Methods</i> , 2017 , 9, 1071-1077	3.2	15
158	Qualitative and quantitative analysis of an alkaloid fraction from <i>Piper longum</i> L. using ultra-high performance liquid chromatography-diode array detector-electrospray ionization mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 109, 28-35	3.5	15
157	Purification of polar compounds from <i>Radix isatidis</i> using conventional C18 column coupled with polar-copolymerized C18 column. <i>Journal of Separation Science</i> , 2010 , 33, 3341-6	3.4	15
156	A novel method of prediction and optimization for preparative high-performance liquid chromatography separation. <i>Journal of Chromatography A</i> , 2008 , 1183, 76-86	4.5	15
155	Purification of lignans from <i>Fructus Arctii</i> 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
154	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
153	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
152	Discovery of new muscarinic acetylcholine receptor antagonists from <i>Scopolia tangutica</i> . <i>Scientific Reports</i> , 2017 , 7, 46067	4.9	13
151	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
150	Synthesis and evaluation of a maltose-bonded silica gel stationary phase for hydrophilic interaction chromatography and its application in <i>Ginkgo Biloba</i> extract separation in two-dimensional systems. <i>Journal of Separation Science</i> , 2016 , 39, 3339-47	3.4	13
149	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
148	Preparation of C18-functionalized Fe ₃ O ₄ @SiO ₂ core-shell magnetic nanoparticles for extraction and determination of phthalic acid esters in Chinese herb preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 100, 365-368	3.5	13
147	Highly selective separation of aminoglycoside antibiotics on a zwitterionic Click TE-Cys column. <i>Journal of Separation Science</i> , 2014 , 37, 1781-7	3.4	13

146	Development of orthogonal two-dimensional hydrophilic interaction chromatography systems with the introduction of novel stationary phases. <i>Journal of Separation Science</i> , 2009 , 32, 2871-6	3.4	13
145	2-D RP/RPLC method to separate components in Fructus schisandrae chinensis. <i>Journal of Separation Science</i> , 2010 , 33, 564-9	3.4	13
144	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
143	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
142	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
141	Quantitative evaluation of the interaction between pUC19DNA and ovalbumin by capillary zone electrophoresis. <i>Journal of Separation Science</i> , 2002 , 25, 711-714	3.4	12
140	Anti-gastric cancer activity in three-dimensional tumor spheroids of bufadienolides. <i>Scientific Reports</i> , 2016 , 6, 24772	4.9	12
139	Offline preparative 2-D polar-copolymerized reversed-phase chromatography [zwitterionic hydrophilic interaction chromatography for effective purification of polar compounds from Caulis Polygoni Multiflori. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1118-1119, 70-77	3.2	11
138	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
137	Hydrophilic interaction liquid chromatography-solid phase extraction directly combined with protein precipitation for the determination of triptorelin in plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 960, 214-21	3.2	11
136	Metabonomic Study of Lung Cancer and the Effects of Radiotherapy on Lung Cancer Patients: Analysis of Highly Polar Metabolites by Ultraperformance HILIC Coupled with Q-TOF MS. <i>Chromatographia</i> , 2011 , 74, 391-398	2.1	11
135	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
134	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
133	"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
132	Disaccharide-driven transition of macroscopic properties: from molecular recognition to glycopeptide enrichment. <i>Chemical Communications</i> , 2015 , 51, 16111-4	5.8	10
131	Synthesis and evaluation of a silica-bonded concanavalin A material for lectin affinity enrichment of N-linked glycoproteins and glycopeptides. <i>Analytical Methods</i> , 2015 , 7, 25-28	3.2	10
130	A highly selective hydrophilic sorbent for enrichment of N-linked glycopeptides. <i>Journal of Chromatography A</i> , 2016 , 1460, 197-201	4.5	10
129	Hydrophilic interaction liquid chromatography for the separation, purification, and quantification of raffinose family oligosaccharides from <i>Lycopus lucidus</i> Turcz. <i>Journal of Separation Science</i> , 2015 , 38, 2607-13	3.4	10

128	Phenylene-bridged hybrid spheres for high performance liquid chromatography. <i>Analytical Methods</i> , 2009 , 1, 123-127	3.2	10
127	Chemical constituents of the essential oil of <i>Asarum forbesii</i> Maxim (Aristolochiaceae). <i>Flavour and Fragrance Journal</i> , 2005 , 20, 318-320	2.5	10
126	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
125	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
124	Efficient purification of low molecular weight nitrogen polar compounds from the skin of <i>Bufo bufo gargarizans</i> Cantor by reversed-phase high performance liquid chromatography with a polar-copolymerized C18 stationary phase. <i>Analytical Methods</i> , 2014 , 6, 5183-5190	3.2	9
123	A novel method for characterization and comparison of reversed-phase column selectivity. <i>Journal of Chromatography A</i> , 2014 , 1361, 153-61	4.5	9
122	Discovery of N-methyltetrahydroprotoberberines with μ opioid receptor agonists-opioid receptor agonist activities from <i>Corydalis yanhusuo</i> W. T. Wang by using two-dimensional liquid chromatography. <i>Journal of Ethnopharmacology</i> , 2014 , 155, 1597-602	5	9
121	Hydrophilic interaction/cation-exchange chromatography for glycopeptide enrichment by using a modified strong-cation exchange material. <i>Analytical Methods</i> , 2013 , 5, 6919	3.2	9
120	Separation of μ agonists in pork on a weak cation exchange column by HPLC with fluorescence detection. <i>Analytical Methods</i> , 2012 , 4, 1163	3.2	9
119	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
118	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
117	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
116	Improvement of chiral stationary phases based on cinchona alkaloids bonded to crown ethers by chiral modification. <i>Journal of Separation Science</i> , 2015 , 38, 3884-3890	3.4	8
115	Preparation of decarboxylic-functionalized weak cation exchanger and application for simultaneous separation of alkali, alkaline earth and transition metals. <i>Talanta</i> , 2016 , 153, 79-82	6.2	8
114	Production of 1,2-Cyclohexanedicarboxylates from Diacetone Alcohol and Fumarates. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 2980-2988	8.3	8
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