

Xinmiao Liang

List of Publications by Year in descending order

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255
papers

5,780
citations

81743

39
h-index

138251

58
g-index

275
all docs

275
docs citations

275
times ranked

5325
citing authors

#	ARTICLE	IF	CITATIONS
1	Qualitative and quantitative analysis in quality control of traditional Chinese medicines. <i>Journal of Chromatography A</i> , 2009, 1216, 2033-2044.	1.8	199
2	A novel zwitterionic HILIC stationary phase based on α -thiol-ene click chemistry between cysteine and vinyl silica. <i>Chemical Communications</i> , 2011, 47, 4550.	2.2	162
3	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, 12618-12626.	1.7	151
4	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, 133-140.	1.8	107
5	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.	2.1	103
6	Recent advances in hydrophilic interaction liquid chromatography materials for glycopeptide enrichment and glycan separation. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115570.	5.8	103
7	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, 5146-5153.	3.2	95
8	Lysophosphatidylcholine profiling of plasma: discrimination of isomers and discovery of lung cancer biomarkers. <i>Metabolomics</i> , 2010, 6, 478-488.	1.4	92
9	A Novel Analgesic Isolated from a Traditional Chinese Medicine. <i>Current Biology</i> , 2014, 24, 117-123.	1.8	85
10	Glutathione-based zwitterionic stationary phase for hydrophilic interaction/cation-exchange mixed-mode chromatography. <i>Journal of Chromatography A</i> , 2013, 1314, 63-69.	1.8	76
11	A novel click chitooligosaccharide for hydrophilic interaction liquid chromatography. <i>Chemical Communications</i> , 2009, , 6973.	2.2	74
12	Graphene nanoplatelets as a highly efficient solid-phase extraction sorbent for determination of phthalate esters in aqueous solution. <i>Talanta</i> , 2014, 120, 71-75.	2.9	74
13	Hydrogen bond based smart polymer for highly selective and tunable capture of multiply phosphorylated peptides. <i>Nature Communications</i> , 2017, 8, 461.	5.8	71
14	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.	2.1	67
15	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, 4555-4560.	1.8	65
16	New Opportunities and Challenges of Smart Polymers in Post-translational Modification Proteomics. <i>Advanced Materials</i> , 2017, 29, 1604670.	11.1	62
17	Selective enrichment of glycopeptides/phosphopeptides using porous titania microspheres. <i>Chemical Communications</i> , 2010, 46, 5488.	2.2	61
18	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, 1821-1827.	1.3	61

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19	Chemically bonded maltose via click chemistry as stationary phase for HILIC. <i>Analytical Methods</i> , 2010, 2, 217-224.	1.3	59
20	Separation of carbohydrates using hydrophilic interaction liquid chromatography. <i>Carbohydrate Research</i> , 2013, 379, 13-17.	1.1	58
21	The Antinociceptive Properties of the <i>Corydalis yanhusuo</i> Extract. <i>PLoS ONE</i> , 2016, 11, e0162875.	1.1	57
22	Base-Catalyzed 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.	2.1	55
23	Interfacially Polymerized Particles with Heterostructured Nanopores for Glycopeptide Separation. <i>Advanced Materials</i> , 2018, 30, e1803299.	11.1	54
24	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, 61-69.	1.8	53
25	Purification of amide alkaloids from <i>Piper longum</i> L. using preparative two-dimensional normal-phase liquid chromatography—reversed-phase liquid chromatography. <i>Analyst</i> , 2013, 138, 3313.	1.7	50
26	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, 110-118.	1.8	48
27	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.	3.2	48
28	Poly(vinyl alcohol) Modified Porous Graphitic Carbon Stationary Phase for Hydrophilic Interaction Liquid Chromatography. <i>Analytical Chemistry</i> , 2016, 88, 4676-4681.	3.2	47
29	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.	2.1	46
30	Comprehensive HILIC—RPLC with mass spectrometry detection for the analysis of saponins in <i>Panax notoginseng</i> . <i>Analyst</i> , 2012, 137, 2239.	1.7	46
31	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.	3.2	46
32	Saikosaponin D from <i>Radix Bupleuri</i> suppresses triple-negative breast cancer cell growth by targeting β -catenin signaling. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 724-733.	2.5	46
33	Overloading study of basic compounds with a positively charged C18 column in liquid chromatography. <i>Journal of Chromatography A</i> , 2013, 1281, 60-66.	1.8	43
34	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.	1.8	43
35	Highly Efficient NaNO_2 -Catalyzed Destruction of Trichlorophenol Using Molecular Oxygen. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5520-5523.	7.2	42
36	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, 153-159.	1.8	42

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37	Functional Nanochannels for Sensing Tyrosine Phosphorylation. <i>Journal of the American Chemical Society</i> , 2020, 142, 16324-16333.	6.6	42
38	High-Efficiency Phosphopeptide and Glycopeptide Simultaneous Enrichment by Hydrogen Bond-based Bifunctional Smart Polymer. <i>Analytical Chemistry</i> , 2020, 92, 6269-6277.	3.2	42
39	Hydrophilic interaction chromatography for selective separation of isomeric saponins. <i>Journal of Chromatography A</i> , 2014, 1325, 121-128.	1.8	41
40	Characterization of anthocyanins in wild <i>Lycium ruthenicum</i> Murray by HPLC-DAD/QTOF-MS/MS. <i>Analytical Methods</i> , 2015, 7, 4947-4956.	1.3	41
41	Convenient Preparation of Chiral β -Epoxy Ketones via Claisen-Schmidt Condensation-Epoxidation Sequence. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1033-1036.	2.1	40
42	Analysis of iridoid glucosides in <i>Hedyotis diffusa</i> by high-performance liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 205-211.	1.4	40
43	Bioinspired Saccharide-Saccharide Interaction and Smart Polymer for Specific Enrichment of Sialylated Glycopeptides. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 13294-13302.	4.0	39
44	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.	1.8	39
45	Hydrophilic-subtraction model for the characterization and comparison of hydrophilic interaction liquid chromatography columns. <i>Journal of Chromatography A</i> , 2015, 1398, 29-46.	1.8	38
46	Proteomics Analysis of O-GalNAc Glycosylation in Human Serum by an Integrated Strategy. <i>Analytical Chemistry</i> , 2017, 89, 1469-1476.	3.2	38
47	pH-Regulated Heterostructure Porous Particles Enable Similarly Sized Protein Separation. <i>Advanced Materials</i> , 2019, 31, e1900391.	11.1	38
48	Identification of Ginsenosides in <i>Panax quinquefolium</i> by LC-MS. <i>Chromatographia</i> , 2006, 64, 31-36.	0.7	37
49	Click dipeptide: A novel stationary phase applied in two-dimensional liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 8623-8629.	1.8	37
50	Application of two-dimensional liquid chromatography in the separation of traditional Chinese medicine. <i>Journal of Separation Science</i> , 2020, 43, 87-104.	1.3	37
51	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.	1.8	37
52	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, 3413-3421.	1.9	36
53	Synthesis and evaluation of sulfobetaine zwitterionic polymer bonded stationary phase. <i>Talanta</i> , 2016, 161, 860-866.	2.9	36
54	In vitro immunomodulatory effects of human milk oligosaccharides on murine macrophage RAW264.7 cells. <i>Carbohydrate Polymers</i> , 2019, 207, 230-238.	5.1	36

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55	Two-dimensional strong cation exchange/positively charged reversed-phase liquid chromatography for alkaloid analysis and purification. <i>Journal of Separation Science</i> , 2013, 36, 3845-3852.	1.3	35
56	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.	1.7	35
57	Enantioselective organocatalytic phospho-Michael reaction of α,β -unsaturated aldehydes. <i>RSC Advances</i> , 2011, 1, 698.	1.7	34
58	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.	6.6	33
59	A polyvinyl alcohol-functionalized sorbent for extraction and determination of aminoglycoside antibiotics in honey. <i>Journal of Chromatography A</i> , 2015, 1403, 32-36.	1.8	32
60	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.	1.3	32
61	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.	2.9	32
62	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, 1487-1494.	1.3	31
63	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.	1.6	31
64	Dipeptide-Based Carbohydrate Receptors and Polymers for Glycopeptide Enrichment and Glycan Discrimination. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22084-22092.	4.0	31
65	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, 50-56.	1.8	30
66	Biomimetic nanochannels for the discrimination of sialylated glycans via a tug-of-war between glycan binding and polymer shrinkage. <i>Chemical Science</i> , 2020, 11, 748-756.	3.7	30
67	Neural activity analysis of pure chito-oligomer components separated from a mixture of chitooligosaccharides. <i>Neuroscience Letters</i> , 2014, 581, 32-36.	1.0	28
68	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.	1.4	28
69	Preparation of glutathione-functionalized zwitterionic silica material for efficient enrichment of sialylated N-glycopeptides. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4131-4140.	1.9	28
70	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, 53-58.	1.3	27
71	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.	1.2	27
72	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.	1.2	26

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73	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.	1.8	26
74	The herbalomeâ€”an attempt to globalize Chinese herbal medicine. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 573-581.	1.9	25
75	Amide Alkaloids from <i>Scopolia tangutica</i> . <i>Planta Medica</i> , 2014, 80, 1124-1130.	0.7	25
76	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.	1.4	25
77	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, 1124-1129.	3.6	25
78	Enantioselective Organocatalytic Synthesis of Oxazolidine Derivatives through a Oneâ€”Pot Cascade Reaction. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 343-348.	2.1	24
79	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, 304-312.	2.6	24
80	Label-free cell phenotypic profiling identifies pharmacologically active compounds in two traditional Chinese medicinal plants. <i>RSC Advances</i> , 2014, 4, 26368-26377.	1.7	24
81	A controlled thiol-initiated surface polymerization strategy for the preparation of hydrophilic polymer stationary phases. <i>Chemical Communications</i> , 2015, 51, 14778-14780.	2.2	24
82	Chemoselectivity of Pristine Cellulose Nanocrystal Films Driven by Carbohydrateâ€”Carbohydrate Interactions. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 13114-13122.	4.0	24
83	Twoâ€”dimensional LCâ€”MS analysis of components in <i>Swertia franchetiana</i> Smith. <i>Journal of Separation Science</i> , 2008, 31, 935-944.	1.3	23
84	Twoâ€”dimensional RPLCâ€”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, 2084-2089.	1.3	23
85	Efficient purification of high-purity compounds from the stem of <i>Lonicera japonica</i> Thunb using twoâ€”dimensional preparative chromatography. <i>Journal of Separation Science</i> , 2013, 36, 2414-2420.	1.3	23
86	A dextran-bonded stationary phase for saccharide separation. <i>Journal of Chromatography A</i> , 2014, 1345, 57-67.	1.8	23
87	Discovery of 2 <i>H</i> -Chromen-2-one Derivatives as G Protein-Coupled Receptor-35 Agonists. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 362-372.	2.9	23
88	Two new isoflavone glycosides from <i>Pueraria lobata</i> . <i>Journal of Asian Natural Products Research</i> , 2008, 10, 719-723.	0.7	22
89	Sample preparation for mass spectrometric analysis of human serum N-glycans using hydrophilic interaction chromatography-based solid phase extraction. <i>Analyst</i> , 2014, 139, 4538.	1.7	22
90	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.	1.8	22

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91	Chemoenzymatic Synthesis of <i>O</i> -Mannose Glycans Containing Sulfated or Nonsulfated HNK-1 Epitope. <i>Journal of the American Chemical Society</i> , 2019, 141, 19351-19359.	6.6	22
92	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.	1.4	21
93	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.	1.8	21
94	Identification and characterization of naturally occurring inhibitors against human carboxylesterase 2 in White Mulberry Root-bark. <i>Fitoterapia</i> , 2016, 115, 57-63.	1.1	20
95	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.	1.3	20
96	A novel method of prediction and optimization for preparative high-performance liquid chromatography separation. <i>Journal of Chromatography A</i> , 2008, 1183, 76-86.	1.8	19
97	Retention mechanism and enrichment of glycopeptides on titanium dioxide. <i>Analytical Methods</i> , 2013, 5, 7072.	1.3	19
98	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.	1.6	19
99	Chemoenzymatic Approach for the Proteomics Analysis of Mucin-Type Core-1 O-Glycosylation in Human Serum. <i>Analytical Chemistry</i> , 2018, 90, 12714-12722.	3.2	19
100	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.	1.8	19
101	Scocycamides, a Pair of Macrocyclic Dicafeoylspermidines with Butyrylcholinesterase Inhibition and Antioxidation Activity from the Roots of <i>Scopolia tangutica</i> . <i>Organic Letters</i> , 2020, 22, 8240-8244.	2.4	19
102	Development of orthogonal two-dimensional hydrophilic interaction chromatography systems with the introduction of novel stationary phases. <i>Journal of Separation Science</i> , 2009, 32, 2871-2876.	1.3	18
103	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, 105-113.	1.4	18
104	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.	1.4	18
105	Chromatographic methods for the analysis of oligosaccharides in human milk. <i>Analytical Methods</i> , 2017, 9, 1071-1077.	1.3	18
106	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.	2.9	18
107	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.	2.9	18
108	Hydrophilic graphene oxide-dopamine-cationic cellulose composites and their applications in N-Glycopeptides enrichment. <i>Talanta</i> , 2021, 226, 122112.	2.9	18

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109	Selective enrichment of N-linked glycopeptides by using a highly hydrophilic matrix synthesized via click chemistry. <i>Analytical Methods</i> , 2010, 2, 1667.	1.3	17
110	Label-free cell phenotypic profiling and pathway deconvolution of neurotensin receptor-1. <i>Pharmacological Research</i> , 2016, 108, 39-45.	3.1	17
111	Discovery of new muscarinic acetylcholine receptor antagonists from <i>Scopolia tangutica</i> . <i>Scientific Reports</i> , 2017, 7, 46067.	1.6	17
112	Profile and content of sialylated oligosaccharides in donkey milk at early lactation. <i>LWT - Food Science and Technology</i> , 2019, 115, 108437.	2.5	17
113	Isoquercetin Improves Inflammatory Response in Rats Following Ischemic Stroke. <i>Frontiers in Neuroscience</i> , 2021, 15, 555543.	1.4	17
114	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.	0.7	17
115	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, 3341-3346.	1.3	16
116	Highly selective separation of aminoglycoside antibiotics on a zwitterionic Click TE-Cys column. <i>Journal of Separation Science</i> , 2014, 37, 1781-1787.	1.3	16
117	Preparation of C 18 -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.	1.4	16
118	Anti-gastric cancer activity in three-dimensional tumor spheroids of bufadienolides. <i>Scientific Reports</i> , 2016, 6, 24772.	1.6	16
119	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, 3339-3347.	1.3	16
120	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.	1.8	16
121	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.	1.2	16
122	A general strategy for the structural determination of carbohydrates by multi-dimensional NMR spectroscopies. <i>Carbohydrate Polymers</i> , 2021, 267, 118218.	5.1	16
123	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.	1.3	15
124	Preparation of glyco-silica materials via thiol-ene click chemistry for adsorption and separation. <i>RSC Advances</i> , 2016, 6, 8584-8587.	1.7	15
125	Automated Intact Glycopeptide Enrichment Method Facilitating Highly Reproducible Analysis of Serum Site-Specific N-Glycoproteome. <i>Analytical Chemistry</i> , 2021, 93, 7473-7480.	3.2	15
126	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.	2.0	15

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127	2â€RP/RPLC method to separate components in <i>Fructus schisandrae chinensis</i> . Journal of Separation Science, 2010, 33, 564-569.	1.3	14
128	Hydrophilic interaction liquid chromatography-solid phase extraction directly combined with protein precipitation for the determination of triptorelin in plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 960, 214-221.	1.2	14
129	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. Journal of Chromatography A, 2017, 1505, 35-42.	1.8	14
130	Quantitative evaluation of the interaction between pUC19DNA and ovalbumin by capillary zone electrophoresis. Journal of Separation Science, 2002, 25, 711-714.	1.3	13
131	Separation analysis of macrolide antibiotics with good performance on a positively charged C18HCE column. Journal of Separation Science, 2016, 39, 1073-1081.	1.3	13
132	Hydroxycinnamic acid amides from <i>Scopolia tangutica</i> inhibit the activity of M1 muscarinic acetylcholine receptor in vitro. <i>FA-toterap-t</i> , 2016, 108, 9-12.	1.1	13
133	Construction of an off-line two dimensional reversed-phase liquid chromatography/ultra-high performance supercritical fluid chromatography method for rapid and comprehensive analysis of <i>Piper kadsura</i> . Journal of Supercritical Fluids, 2017, 127, 9-14.	1.6	13
134	Mesoporous silica-carbon composites fabricated by a universal strategy of hydrothermal carbonization: controllable synthesis and applications. RSC Advances, 2018, 8, 27207-27215.	1.7	13
135	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. Analytical Chemistry, 2019, 91, 8199-8206.	3.2	13
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