

Yan Zhu

List of Publications by Year in descending order

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161
papers

3,351
citations

186209

28
h-index

214721

47
g-index

172
all docs

172
docs citations

172
times ranked

3169
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct determination of melamine in dairy products by gas chromatography/mass spectrometry with coupled column separation. <i>Analytica Chimica Acta</i> , 2009, 650, 39-43.	2.6	173
2	Determination of rutin and quercetin in Chinese herbal medicine by ionic liquid-based pressurized liquid extraction-liquid chromatography-chemiluminescence detection. <i>Talanta</i> , 2012, 88, 222-229.	2.9	128
3	Separation and simultaneous determination of four artificial sweeteners in food and beverages by ion chromatography. <i>Journal of Chromatography A</i> , 2005, 1085, 143-146.	1.8	127
4	Determination of glyphosate by ion chromatography. <i>Journal of Chromatography A</i> , 1999, 850, 297-301.	1.8	115
5	Ionic liquids extraction of Para Red and Sudan dyes from chilli powder, chilli oil and food additive combined with high performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2009, 650, 65-69.	2.6	97
6	Preparation, characterization, and analytical applications of a novel polymer stationary phase with embedded or grafted carbon fibers. <i>Talanta</i> , 2010, 82, 1439-1447.	2.9	87
7	Three-dimensional ionic liquid functionalized magnetic graphene oxide nanocomposite for the magnetic dispersive solid phase extraction of 16 polycyclic aromatic hydrocarbons in vegetable oils. <i>Journal of Chromatography A</i> , 2017, 1489, 29-38.	1.8	73
8	Ionic liquid based dispersive liquid-liquid microextraction of aromatic amines in water samples. <i>Chinese Chemical Letters</i> , 2008, 19, 985-987.	4.8	66
9	Magnetic nanomaterials with unique nanozymes-like characteristics for colorimetric sensors: A review. <i>Talanta</i> , 2021, 230, 122299.	2.9	66
10	Simultaneous determination of iodide and iodate in povidone iodine solution by ion chromatography with homemade and exchange capacity controllable columns and column-switching technique. <i>Journal of Chromatography A</i> , 2012, 1251, 154-159.	1.8	62
11	Three-dimensional ionic liquid-ferrite functionalized graphene oxide nanocomposite for pipette-tip solid phase extraction of 16 polycyclic aromatic hydrocarbons in human blood sample. <i>Journal of Chromatography A</i> , 2018, 1552, 1-9.	1.8	58
12	Simultaneous determination of imidacloprid and carbendazim in water samples by ion chromatography with fluorescence detector and post-column photochemical reactor. <i>Talanta</i> , 2013, 116, 127-132.	2.9	54
13	Covalent functionalization of multi-walled carbon nanotubes with quaternary ammonium groups and its application in ion chromatography. <i>Carbon</i> , 2013, 62, 127-134.	5.4	52
14	A nanocomposite consisting of an amorphous seed and a molecularly imprinted covalent organic framework shell for extraction and HPLC determination of nonsteroidal anti-inflammatory drugs. <i>Mikrochimica Acta</i> , 2019, 186, 76.	2.5	50
15	Self-assembling covalent organic framework functionalized poly (styrene-divinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (drugs in wastewater. <i>Journal of Chromatography A</i> , 2018, 1571, 76-83.	1.8	47
16	Single-column method of ion chromatography for the determination of common cations and some transition metals. <i>Journal of Chromatography A</i> , 2006, 1118, 68-72.	1.8	40
17	Comprehensive two-dimensional ion chromatography (2D-IC) coupled to a post-column photochemical fluorescence detection system for determination of neonicotinoids (imidacloprid and clothianidin) in food samples. <i>RSC Advances</i> , 2018, 8, 9277-9286.	1.7	39
18	Determination of low-level anions in seawater by ion chromatography with cycling-column-switching. <i>Journal of Chromatography A</i> , 2012, 1265, 186-190.	1.8	37

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19	A novel ion chromatography cycling-column-switching system for the determination of low-level chlorate and nitrite in high salt matrices. <i>Journal of Hazardous Materials</i> , 2012, 235-236, 123-127.	6.5	35
20	Simultaneous determination of two plant growth regulators in ten food samples using ion chromatography combined with QuEChERS extraction method (IC-QuEChERS) and coupled with fluorescence detector. <i>Food Chemistry</i> , 2018, 241, 308-316.	4.2	35
21	Organic analysis by ion chromatography. <i>Journal of Chromatography A</i> , 2002, 956, 215-220.	1.8	34
22	Ion chromatography coupled with fluorescence/UV detector: A comprehensive review of its applications in pesticides and pharmaceutical drug analysis. <i>Arabian Journal of Chemistry</i> , 2021, 14, 102972.	2.3	34
23	Simple coupled ultrahigh performance liquid chromatography and ion chromatography technique for simultaneous determination of folic acid and inorganic anions in folic acid tablets. <i>Food Chemistry</i> , 2018, 239, 62-67.	4.2	33
24	A green, rapid, scalable and versatile hydrothermal strategy to fabricate monodisperse carbon spheres with tunable micrometer size and hierarchical porosity. <i>Chemical Engineering Journal</i> , 2019, 372, 1164-1173.	6.6	33
25	Ion chromatography-atmospheric pressure chemical ionization mass spectrometry for the determination of trace chlorophenols in clam tissues. <i>Journal of Chromatography A</i> , 2006, 1118, 111-117.	1.8	32
26	A single pump column-switching technique coupled with polystyrene-divinylbenzene carbon nanotubes column for the determination of trace anions in different concentrated organic matrices by ion chromatography. <i>Analytica Chimica Acta</i> , 2011, 686, 1-8.	2.6	32
27	Simultaneous determination of 11 phthalate esters in bottled beverages by graphene oxide coated hollow fiber membrane extraction coupled with supercritical fluid chromatography. <i>Analytica Chimica Acta</i> , 2018, 1007, 71-79.	2.6	31
28	Graphene-coated polystyrene-divinylbenzene dispersive solid-phase extraction coupled with supercritical fluid chromatography for the rapid determination of 10 allergenic disperse dyes in industrial wastewater samples. <i>Journal of Chromatography A</i> , 2018, 1550, 45-56.	1.8	31
29	Separation and determination of carbohydrates in drinks by ion chromatography with a self-regenerating suppressor and an evaporative light-scattering detector. <i>Journal of Chromatography A</i> , 2007, 1155, 50-56.	1.8	29
30	Determination of perchlorate from tea leaves using quaternary ammonium modified magnetic carboxyl-carbon nanotubes followed by liquid chromatography-tandem quadrupole mass spectrometry. <i>Talanta</i> , 2018, 185, 411-418.	2.9	29
31	High-capacity anion exchangers based on poly (glycidylmethacrylate-divinylbenzene) microspheres for ion chromatography. <i>Talanta</i> , 2016, 159, 272-279.	2.9	28
32	Polystyrene-divinylbenzene-glycidyl methacrylate stationary phase grafted with poly (amidoamine) dendrimers for ion chromatography. <i>Journal of Chromatography A</i> , 2016, 1456, 113-122.	1.8	28
33	Application of a simple column-switching ion chromatography technique for removal of matrix interferences and sensitive fluorescence determination of acidic compounds (pharmaceutical drugs) in complex samples. <i>Journal of Chromatography A</i> , 2017, 1515, 69-80.	1.8	28
34	Determination of betaine, choline and trimethylamine in feed additive by ion-exchange liquid chromatography/non-suppressed conductivity detection. <i>Journal of Chromatography A</i> , 2007, 1170, 114-117.	1.8	27
35	Magnetic solid phase extraction based on graphene oxide/nanoscale zero-valent iron for the determination of tetracyclines in water and milk by using HPLC-MS/MS. <i>RSC Advances</i> , 2017, 7, 44578-44586.	1.7	27
36	Online coupling of tandem liquid-phase extraction with HPLC-UV for the determination of trace N-nitrosamines in food products. <i>Analytical Methods</i> , 2018, 10, 1733-1739.	1.3	27

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37	Ultrasound-assisted synthesis of clover-shaped nano-titania functionalized covalent organic frameworks for the dispersive solid phase extraction of N-nitrosamines in drinking water. <i>Journal of Chromatography A</i> , 2020, 1618, 460891.	1.8	27
38	Fast determination of fipronil and its metabolites in seafood using PRiME pass-through cleanup followed by isotope dilution UHPLC-MS/MS. <i>Analytical Methods</i> , 2018, 10, 1673-1679.	1.3	26
39	A single pump cycling-column-switching technique coupled with homemade high exchange capacity columns for the determination of iodate in iodized edible salt by ion chromatography with UV detection. <i>Food Chemistry</i> , 2013, 139, 144-148.	4.2	25
40	Polystyrene-divinylbenzene stationary phases agglomerated with quaternized multi-walled carbon nanotubes for anion exchange chromatography. <i>Journal of Chromatography A</i> , 2013, 1294, 152-156.	1.8	25
41	Graphene-coated polymeric anion exchangers for ion chromatography. <i>Analytica Chimica Acta</i> , 2017, 970, 73-81.	2.6	25
42	Detection of trace fluoride in serum and urine by online membrane-based distillation coupled with ion chromatography. <i>Journal of Chromatography A</i> , 2017, 1500, 145-152.	1.8	25
43	Determination of five 4-hydroxycoumarin rodenticides in animal liver tissues by ion chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , 2007, 1155, 57-61.	1.8	24
44	Determination of Inorganic Anions in Ethyl Acetate by Ion Chromatography with an Electromembrane Extraction Method. <i>Journal of Chromatographic Science</i> , 2011, 49, 617-621.	0.7	24
45	Hyperbranched anion exchangers prepared from thiol-ene modified polymeric substrates for suppressed ion chromatography. <i>Talanta</i> , 2018, 184, 491-498.	2.9	24
46	Poly (styrene-divinyl benzene-glycidylmethacrylate) stationary phase grafted with poly amidoamine (PAMAM) dendrimers for rapid determination of phenylene diamine isomers in HPLC. <i>Talanta</i> , 2017, 168, 188-195.	2.9	23
47	CXCR4-Overexpressing Umbilical Cord Mesenchymal Stem Cells Enhance Protection against Radiation-Induced Lung Injury. <i>Stem Cells International</i> , 2019, 2019, 1-12.	1.2	23
48	Fast determination of anions on a short coated column. <i>Journal of Chromatography A</i> , 2006, 1118, 46-50.	1.8	22
49	Analysis of indandione anticoagulant rodenticides in animal liver by eluent generator reagent free ion chromatography coupled with electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1213, 77-82.	1.8	22
50	Simultaneous determination of fifteen toxic alkaloids in meat dishes and vegetable dishes using double layer pipette tip magnetic dispersive solid phase extraction followed by UFLC-MS/MS. <i>Analytical Methods</i> , 2018, 10, 1151-1162.	1.3	22
51	Synthesis of dendrimer functionalized adsorbents for rapid removal of glyphosate from aqueous solution. <i>New Journal of Chemistry</i> , 2019, 43, 121-129.	1.4	22
52	A comprehensive review of liquid chromatography hyphenated to post-column photoinduced fluorescence detection system for determination of analytes. <i>Arabian Journal of Chemistry</i> , 2022, 15, 104091.	2.3	22
53	Simple column-switching ion chromatography method for determining eight monosaccharides and oligosaccharides in honeydew and nectar. <i>Food Chemistry</i> , 2016, 194, 555-560.	4.2	21
54	Flavonoids of <i>Herba Epimedii</i> Enhances Bone Repair in a Rabbit Model of Chronic Osteomyelitis During Post-infection Treatment and Stimulates Osteoblast Proliferation <i>In Vitro</i> . <i>Phytotherapy Research</i> , 2017, 31, 330-339.	2.8	21

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55	Determination of nitenpyram and 6â€chloronicotinic acid in environmental samples by ion chromatography coupled with online photochemically induced fluorescence detector. <i>Journal of Separation Science</i> , 2018, 41, 4096-4104.	1.3	21
56	Rapid Quantification of Tobramycin and Vancomycin by UPLC-TQD and Application to Osteomyelitis Patient Samples. <i>Journal of Chromatographic Science</i> , 2014, 52, 501-507.	0.7	20
57	Analysis of etimicin sulfate by liquid chromatography with pulsed amperometric detection. <i>Journal of Chromatography A</i> , 2006, 1115, 202-207.	1.8	19
58	Determination of chlorobenzenes in textiles by pressurized hot water extraction followed by vortex-assisted liquidâ€liquid microextraction and gas chromatographyâ€mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1319, 27-34.	1.8	19
59	Octadecylamine-modified poly (glycidylmethacrylate-divinylbenzene) stationary phase for HPLC determination of N- nitrosamines. <i>Talanta</i> , 2016, 160, 298-305.	2.9	19
60	Ion-exchange chromatography combined with direct current amperometric detection at CuNPs/reduced graphene oxideâ€chitosan composite film modified electrode for determination of monosaccharide composition of polysaccharides from <i>Phellinus igniarius</i> . <i>Talanta</i> , 2014, 119, 440-446.	2.9	18
61	Simultaneous determination of sucralose and related compounds by high-performance liquid chromatography with evaporative light scattering detection. <i>Food Chemistry</i> , 2016, 204, 358-364.	4.2	18
62	Enhanced cleanup efficiency hydroxy functionalized-magnetic graphene oxide and its comparison with magnetic carboxyl-graphene for PRiME pass-through cleanup of strychnine and brucine in human plasma samples. <i>Analytica Chimica Acta</i> , 2018, 1020, 41-50.	2.6	18
63	Simultaneous determination of acetamiprid and 6â€chloronicotinic acid in environmental samples by using ion chromatography hyphenated to online photoinduced fluorescence detector. <i>Journal of Separation Science</i> , 2020, 43, 3921-3930.	1.3	18
64	Comparative steam distillation based digestion of complex inorganic copper concentrates samples followed by ion chromatographic determination of halogens. <i>Microchemical Journal</i> , 2020, 158, 105176.	2.3	18
65	Study on the co-luminescence system of Dyâ€Gdâ€1,6-bis(1â€2- phenyl-3â€methyl-5â€pyrazol-4â€one)hexanedioneâ€cetyltrimethylammonium bromide and its analytical application. <i>Analyst, The</i> , 2001, 126, 1168-1171.	1.7	17
66	Arsenic species analysis by ion chromatographyâ€biamode electrochemical hydride generatorâ€atomic fluorescence spectrometry. <i>Journal of Chromatography A</i> , 2008, 1213, 56-61.	1.8	17
67	Simultaneous determination of peroxydisulfate and conventional inorganic anions by ion chromatography with the column-switching technique. <i>Journal of Separation Science</i> , 2014, 37, 198-203.	1.3	17
68	Hydrophilicity nano-titania coating modified magnetic graphene oxide for pass-through cleanup of fipronil and its metabolites in human blood. <i>Journal of Chromatography A</i> , 2018, 1553, 16-24.	1.8	17
69	Feasibility of pyrohydrolysis and extended-steam distillation method for the extraction of two halides from zinc and lead concentrate samples followed by ion chromatography analysis. <i>Microchemical Journal</i> , 2020, 159, 105593.	2.3	17
70	Preparation and application of polyvinyl alcoholâ€decorated cell membrane chromatography for screening antiâ€osteoporosis components from Liuwei Dihuang decoctionâ€containing serum. <i>Journal of Separation Science</i> , 2020, 43, 2105-2114.	1.3	17
71	Determination of glycerophosphate and other anions in dentifrices by ion chromatography. <i>Journal of Chromatography A</i> , 2006, 1118, 155-159.	1.8	16
72	Simultaneous determination of two acute poisoning rodenticides tetramine and fluoroacetamide with a coupled column in poisoning cases. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 876, 103-108.	1.2	16

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73	Application of carbon nanosorbent for PRiME pass-through cleanup of 10 selected local anesthetic drugs in human plasma samples. <i>Analytica Chimica Acta</i> , 2017, 960, 72-80.	2.6	16
74	Determination of phenols with ion chromatographyâ€“online electrochemical derivatization based on porous electrodeâ€“fluorescence detection. <i>Journal of Chromatography A</i> , 2012, 1229, 288-292.	1.8	15
75	Analysis of hexavalent chromium in Colla corii asini with on-line sample pretreatment valve-switching ion chromatography. <i>Journal of Chromatography A</i> , 2013, 1305, 171-175.	1.8	15
76	Porous SnO ₂ nanoparticles based ion chromatographic determination of non-fluorescent antibiotic (chloramphenicol) in complex samples. <i>Scientific Reports</i> , 2018, 8, 12327.	1.6	15
77	Fabrication of monodisperse poly (allyl glycidyl ether-co-divinyl benzene) microspheres and their application in anion-exchange stationary phase. <i>Journal of Chromatography A</i> , 2019, 1595, 91-96.	1.8	15
78	A novel composite stationary phase composed of polystyrene/divinylbenzene beads and quaternized nanodiamond for anion exchange chromatography. <i>Chinese Chemical Letters</i> , 2019, 30, 465-469.	4.8	15
79	Nanomaterials with Excellent Adsorption Characteristics for Sample Pretreatment: A Review. <i>Nanomaterials</i> , 2022, 12, 1845.	1.9	15
80	Dual application of synthesized SnO ₂ nanoparticles in ion chromatography for sensitive fluorescence determination of ketoprofen in human serum, urine, and canal water samples. <i>New Journal of Chemistry</i> , 2017, 41, 9321-9329.	1.4	14
81	Simultaneous Determination of Fluoride and Chloride in Iron Ore by Steam Distillation Followed by Ion Chromatography. <i>Chromatographia</i> , 2019, 82, 1839-1844.	0.7	14
82	Switchable Hydrophilicity Dispersive Solvent-Based Liquid-Liquid Microextraction Coupling to High-Performance Liquid Chromatography for the Determination of Amphenicols in Food Products. <i>Food Analytical Methods</i> , 2019, 12, 517-525.	1.3	14
83	Application of petal-shaped ionic liquids modified covalent organic frameworks for one step cleanup and extraction of general anesthetics in human plasma samples. <i>Talanta</i> , 2020, 210, 120652.	2.9	14
84	Determination of zonisamide by a coated monolithic column. <i>Journal of Chromatography A</i> , 2006, 1118, 151-154.	1.8	13
85	Determination of Resorcinol and Phloroglucinol in Environmental Water Samples Using Ion Chromatography with Chemiluminescence Detection. <i>Chinese Journal of Analytical Chemistry</i> , 2012, 40, 1747-1751.	0.9	13
86	Simultaneous Quantification of Antioxidant Compounds in <i>Phellinus igniarius</i> Using Ultra Performance Liquid Chromatography-Photodiode Array Detection-Electrospray Ionization Tandem Mass Spectrometry. <i>PLoS ONE</i> , 2016, 11, e0163797.	1.1	13
87	Low-level bromate analysis by ion chromatography on a polymethacrylate-based monolithic column followed by a post-column reaction. <i>European Food Research and Technology</i> , 2012, 235, 685-692.	1.6	12
88	Simultaneous determination of glucose, d-gluconic, 2-keto-d-gluconic and 5-keto-d-gluconic acids by ion chromatography-pulsed amperometric detection with column-switching technique. <i>Talanta</i> , 2013, 113, 113-117.	2.9	12
89	Simultaneous determination of parabens and inorganic anions in cosmetics by a two-dimensional ultrahigh-performance liquid chromatography-ion chromatography valve-switching method. <i>RSC Advances</i> , 2017, 7, 32769-32776.	1.7	12
90	Fabrication of graphene oxide polymer composite particles with grafted poly(amidoamine) dendrimers and their application in ion chromatography. <i>New Journal of Chemistry</i> , 2018, 42, 8653-8660.	1.4	12

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91	N-doped magnetic covalent organic frameworks for preconcentration of allergenic disperse dyes in textiles of fall protection equipment. <i>Analytical Methods</i> , 2019, 11, 3381-3387.	1.3	12
92	Ion chromatography combined with online electrochemical derivatization and fluorescence detection for the determination of carbamazepine in human plasma. <i>Talanta</i> , 2012, 101, 541-545.	2.9	11
93	Analysis of insecticide thiacloprid by ion chromatography combined with online photochemical derivatization and fluorescence detection in water samples. <i>Chinese Chemical Letters</i> , 2014, 25, 415-418.	4.8	11
94	Hydrothermal carbonaceous sphere based stationary phase for anion exchange chromatography. <i>Talanta</i> , 2017, 163, 24-30.	2.9	11
95	Ultrahigh-Performance Liquid Chromatography-Ion Chromatography System for the Simultaneous Determination of Vanillin, Ethyl Vanillin, and Inorganic Anions in Food Samples. <i>Food Analytical Methods</i> , 2018, 11, 243-250.	1.3	11
96	Covalently grafted anion exchangers with linear epoxy-amine functionalities for high-performance ion chromatography. <i>Talanta</i> , 2019, 194, 485-492.	2.9	11
97	Preparation and applications of weak acid cation exchanger based on monodisperse poly(ethylvinylbenzene-co-divinylbenzene) beads. <i>Journal of Chromatography A</i> , 2005, 1085, 18-22.	1.8	10
98	Suppressed anion chromatography using mixed zwitter-ionic and carbonate eluents. <i>Journal of Chromatography A</i> , 2006, 1118, 3-11.	1.8	10
99	Determination of inorganic anions in ethyl acetate by in-line hollow fiber membrane extraction with ion chromatography. <i>Chinese Chemical Letters</i> , 2009, 20, 1498-1501.	4.8	10
100	Determination of levels of adenosine phosphates in blood by ion chromatography. <i>Chinese Chemical Letters</i> , 2011, 22, 1485-1488.	4.8	10
101	Trace analysis of anions in organic matrices by ion chromatography coupled with a novel reversed-phase column for on-line sample pretreatment. <i>Chinese Chemical Letters</i> , 2011, 22, 461-464.	4.8	10
102	Incorporation of multiwalled carbon nanotube into a polymethacrylate-based monolith for ion chromatography. <i>Journal of Applied Polymer Science</i> , 2013, 128, 741-749.	1.3	10
103	Hydrothermal carbon nanosphere-based agglomerated anion exchanger for ion chromatography. <i>Journal of Chromatography A</i> , 2016, 1468, 73-78.	1.8	10
104	The polystyrene-divinylbenzene stationary phase hybridized with oxidized nanodiamonds for liquid chromatography. <i>Talanta</i> , 2018, 185, 221-228.	2.9	10
105	The Adsorption of Heavy Metal Ions by Poly (Amidoamine) Dendrimer-Functionalized Nanomaterials: A Review. <i>Nanomaterials</i> , 2022, 12, 1831.	1.9	10
106	Simultaneous determination of fluoride, chloride, sulfate, phosphate, monofluorophosphate, glycerophosphate, sorbate, and saccharin in gargles by ion chromatography. <i>Journal of Zhejiang University: Science B</i> , 2007, 8, 507-511.	1.3	9
107	Iodide analysis by ion chromatography on a new stationary phase of polystyrene-divinylbenzene agglomerated with polymerized-epichlorohydrin-dimethylamine. <i>Chinese Chemical Letters</i> , 2015, 26, 1026-1030.	4.8	9
108	Preparation of poly(glycidylmethacrylate-co-divinylbenzene) weak acid cation exchange stationary phases with succinic anhydride, phthalic anhydride, and maleic anhydride for ion chromatography. <i>Journal of Separation Science</i> , 2016, 39, 2970-2977.	1.3	9

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109	A rapid ion chromatography column-switching method for online sample pretreatment and determination of L-carnitine, choline and mineral ions in milk and powdered infant formula. <i>RSC Advances</i> , 2017, 7, 5920-5927.	1.7	9
110	Combination of accelerated solvent extraction and vortex-assisted liquid-liquid microextraction for the determination of dimethyl fumarate in textiles and leathers by gas chromatography-mass spectrometry. <i>Talanta</i> , 2014, 119, 430-434.	2.9	8
111	In situ modification of silica with poly(vinyl alcohol) for normal-phase liquid chromatographic separation of bioactive compounds in traditional Chinese medicines. <i>Analytical Methods</i> , 2019, 11, 3590-3596.	1.3	8
112	Determination of Trace Inorganic Anions in Weak Acids by Single-Pump Column-Switching Ion Chromatography. <i>Journal of Chromatographic Science</i> , 2010, 48, 553-558.	0.7	7
113	Fabrication of electrolytic cell for online post-column electrochemical derivatization in ion chromatography. <i>Analytica Chimica Acta</i> , 2012, 735, 62-68.	2.6	7
114	Determination of catecholamines by ion chromatography coupled to acidic potassium permanganate chemiluminescence detection. <i>Chinese Chemical Letters</i> , 2012, 23, 839-842.	4.8	7
115	Determination of iminodiacetic acid in the glyphosate by ion chromatography. <i>Chinese Chemical Letters</i> , 2014, 25, 1392-1394.	4.8	7
116	Determination of betaine, L-carnitine, and choline in human urine using a self-packed column and column-switching ion chromatography with nonsuppressed conductivity detection. <i>Journal of Separation Science</i> , 2017, 40, 4246-4255.	1.3	7
117	Determination of β -hydroxybutyrate in human urine samples by ion exclusion and ion exchange two-dimensional chromatography system. <i>Journal of Chromatography A</i> , 2017, 1528, 35-40.	1.8	7
118	Preparation of sheet-like covalent organic frameworks and their application for efficient preconcentration of 4-(tert-octyl)-phenol and 4-nonylphenol in textiles. <i>Journal of Chromatography A</i> , 2021, 1635, 461765.	1.8	7
119	Hierarchically Porous Hydrothermal Carbon Microspheres Supported N-Hydroxyphthalimide as a Green and Recyclable Catalyst for Selective Aerobic Oxidation of Alcohols. <i>ACS Omega</i> , 2021, 6, 6466-6473.	1.6	7
120	A simultaneous extraction and enrichment method for rapid detection of polar chlorophenoxy acid and non-steroidal anti-inflammatory drugs from wastewater based on low-generation dendrimer poly(propylene imine). <i>Microchemical Journal</i> , 2021, 168, 106454.	2.3	7
121	Determination of fluorinated quinolone antibacterials by ion chromatography with fluorescence detection. <i>Journal of Zhejiang University: Science B</i> , 2007, 8, 302-306.	1.3	6
122	Eluent Generator Reagent Free Ion Chromatography with Electrospray Ionization Mass Spectrometry for Simultaneous Analysis of Organic Acids in Juices and Beverages. <i>Analytical Letters</i> , 2010, 43, 2061-2077.	1.0	6
123	Analysis of sucrose acetates in a crude 6-O-acetyl sucrose product by on-line hydrolysis-high-performance liquid chromatography with pulsed amperometric detection. <i>Journal of Chromatography A</i> , 2016, 1449, 71-77.	1.8	6
124	Covalent hyperbranched porous carbon nanospheres as a polymeric stationary phase for ion chromatography. <i>Mikrochimica Acta</i> , 2019, 186, 139.	2.5	6
125	Cyclodextrin-dendrimers nanocomposites functionalized high performance liquid chromatography stationary phase for efficient separation of aromatic compounds. <i>Journal of Chromatography A</i> , 2022, 1662, 462730.	1.8	6
126	An overview of poly (amide-amine) dendrimers functionalized chromatographic separation materials. <i>Journal of Chromatography A</i> , 2022, 1669, 462960.	1.8	6

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127	Analysis of Organic Acid Preservatives in Glace Fruits by High Performance Liquid Chromatography Combined with Ionic Liquid-Based Accelerated Solvent Extraction. <i>Chinese Journal of Analytical Chemistry</i> , 2010, 38, 1785-1788.	0.9	5
128	Green Polyelectrolyte-Functionalization of Carbonaceous Nanospheres and Its Application in Ion Chromatography. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 112-118.	3.2	5
129	A fast and high throughput LC-MS/MS method for the determination of 58 human and veterinary drugs in river water. <i>Analytical Methods</i> , 2017, 9, 4228-4233.	1.3	5
130	Multiply-functionalized graphene oxide on-line pass-through cleanup for the fast determination of aconitum alkaloids in human plasma by LC-MS/MS. <i>Analytical Methods</i> , 2019, 11, 3144-3149.	1.3	5
131	Preparation and characterization of graphitic carbon-nitride nanosheets agglomerated poly (styrene-divinylbenzene) anion-exchange stationary phase for ion chromatography. <i>Microchemical Journal</i> , 2021, 164, 106023.	2.3	5
132	Methoxy terminated poly dimethylsiloxane bonded stationary phase for reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1652, 462348.	1.8	5
133	Dendrimer-functionalized hydrothermal nanosized carbonaceous spheres as superior anion exchangers for ion chromatographic separation. <i>Mikrochimica Acta</i> , 2022, 189, .	2.5	5
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