Xuefang Liu

List of Publications by Year in descending order

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56	821	471509	552781
papers	citations	17	26
		h-index	g-index

59	59	59	850
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Graphene nanoplatelets as a highly efficient solid-phase extraction sorbent for determination of phthalate esters in aqueous solution. Talanta, 2014, 120, 71-75.	5.5	74
2	A new reversed-phase/strong anion-exchange mixed-mode stationary phase based on polar-copolymerized approach and its application in the enrichment of aristolochic acids. Journal of Chromatography A, 2012, 1246, 129-136.	3.7	53
3	Chemical and toxicological evaluation of an emerging pollutant (enrofloxacin) by catalytic wet air oxidation and ozonation in aqueous solution. Chemosphere, 2013, 90, 284-291.	8.2	48
4	Poly(vinyl alcohol) Modified Porous Graphitic Carbon Stationary Phase for Hydrophilic Interaction Liquid Chromatography. Analytical Chemistry, 2016, 88, 4676-4681.	6.5	47
5	Study of matrix effects for liquid chromatographyâ€“electrospray ionization tandem mass spectrometric analysis of 4 aminoglycosides residues in milk. Journal of Chromatography A, 2016, 1437, 8-14.	3.7	39
6	A polyvinyl alcohol-functionalized sorbent for extraction and determination of aminoglycoside antibiotics in honey. Journal of Chromatography A, 2015, 1403, 32-36.	3.7	32
7	Low-Bleed Silica-Based Stationary Phase for Hydrophilic Interaction Liquid Chromatography. Analytical Chemistry, 2018, 90, 8750-8755.	6.5	32
8	Analysis of cephalosporins by hydrophilic interaction chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2011, 54, 623-628.	2.8	28
9	A polyvinyl alcohol-coated silica gel stationary phase for hydrophilic interaction chromatography. Analyst, The, 2015, 140, 6250-6253.	3.5	25
10	A multifunctional dual membrane electrodialytic eluent generator for capillary ion chromatography. Journal of Chromatography A, 2009, 1216, 2412-2416.	3.7	23
11	A novel hydrophilic polymer-based anion exchanger grafted by quaternized polyethyleneimine for ion chromatography. Talanta, 2019, 197, 199-203.	5.5	21
12	A polymer-based zwitterionic stationary phase for hydrophilic interaction chromatography. Talanta, 2020, 216, 120927.	5.5	21
13	A hyperbranched polyethylenimine functionalized stationary phase for hydrophilic interaction liquid chromatography. Analytical and Bioanalytical Chemistry, 2016, 408, 3633-3638.	3.7	20
14	A positively charged porous graphitic carbon stationary phase for hydrophilic interaction liquid chromatography. Talanta, 2017, 164, 159-163.	5.5	20
15	Preparation of a low bleeding polar stationary phase for hydrophilic interaction liquid chromatography. Talanta, 2018, 182, 500-504.	5.5	20
16	Facile preparation of polyvinyl alcohol coated SiO₂ stationary phases for high performance liquid chromatography. Analyst, The, 2014, 139, 5594-5599.	3.5	18
17	Simultaneous determination of tocopherols and tocotrienols in vegetable oils by GC-MS. Analytical Methods, 2016, 8, 7341-7346.	2.7	18
18	Highly selective separation of aminoglycoside antibiotics on a zwitterionic Click TEâ€Cys column. Journal of Separation Science, 2014, 37, 1781-1787.	2.5	16

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19	Preparation of C 18 -functionalized Fe 3 O 4 @SiO 2 coreâ€“shell magnetic nanoparticles for extraction and determination of phthalic acid esters in Chinese herb preparations. Journal of Pharmaceutical and Biomedical Analysis, 2014, 100, 365-368.	2.8	16
20	A simplified ion exchange bead-based KOH electrodialytic generator for capillary ion chromatography. Talanta, 2009, 79, 68-71.	5.5	15
21	A poly(glycidylmethacrylate-divinylbenzene)-based anion exchanger for ion chromatography. Journal of Chromatography A, 2019, 1596, 79-83.	3.7	15
22	A polar-copolymerized method to prepare silica-based anion exchanger for ion chromatography. Talanta, 2011, 85, 112-116.	5.5	13
23	Separation analysis of macrolide antibiotics with good performance on a positively charged C18HCE column. Journal of Separation Science, 2016, 39, 1073-1081.	2.5	13
24	Online Gas-Free Electrodialytic KOH Eluent Generator for Ion Chromatography. Analytical Chemistry, 2018, 90, 12840-12845.	6.5	12
25	Development of an analytical method for twelve dioscorea saponins using liquid chromatography coupled to Q-Exactive high resolution mass spectrometry. Talanta, 2019, 191, 11-20.	5.5	12
26	A polar stationary phase obtained by surface-initiated polymerization of hyperbranched polyglycerol onto silica. Talanta, 2020, 209, 120525.	5.5	12
27	Preparation and evaluation of a polymer-based sulfobetaine zwitterionic stationary phase. Journal of Chromatography A, 2021, 1649, 462229.	3.7	12
28	A highly selective hydrophilic sorbent for enrichment of N -linked glycopeptides. Journal of Chromatography A, 2016, 1460, 197-201.	3.7	11
29	Separation of inorganic anions on a triazoleâ€functionalized ion exchanger in ion chromatography. Journal of Separation Science, 2011, 34, 796-799.	2.5	10
30	Separation of Î²-agonists in pork on a weak cation exchange column by HPLC with fluorescence detection. Analytical Methods, 2012, 4, 1163.	2.7	10
31	A hydrolytically stable amide polar stationary phase for hydrophilic interaction chromatography. Talanta, 2021, 231, 122340.	5.5	10
32	Poly(vinyl alcohol)â€“cationic cellulose copolymer encapsulated SiO₂ stationary phase for hydrophilic interaction liquid chromatography. RSC Advances, 2017, 7, 21336-21341.	3.6	9
33	A cation exchange resin bead-based microscale electrolytic suppressor for capillary ion chromatography. Talanta, 2011, 83, 1496-1500.	5.5	8
34	Determination of aristolochic acids in rat serum by high performance liquid chromatography-Q-TOF tandem mass spectrometry. Analytical Methods, 2013, 5, 718-721.	2.7	8
35	A magnetic restricted access material for rapid solid phase extraction of multiple macrolide antibiotics in honey. Analytical Methods, 2017, 9, 2990-2996.	2.7	8
36	Recent Advances of Stationary Phases for Hydrophilic Interaction Liquid Chromatography and Ion Chromatography. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 349-352.	1.0	7

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37	A two-membrane electrodialytic carbonate eluent generator for ion chromatography. Journal of Chromatography A, 2020, 1622, 461095.	3.7	7
38	Two-dimensional solid-phase extraction strategy for the selective enrichment of aminoglycosides in milk. Journal of Separation Science, 2017, 40, 1099-1106.	2.5	6
39	A bipolar membrane-based cation electrolytic membrane suppressor for ion chromatography. Journal of Chromatography A, 2019, 1603, 422-425.	3.7	6
40	Fabrication of a two-membrane configured electrodialytic methanesulfonic acid generator for ion chromatography. Analyst, The, 2019, 144, 2411-2415.	3.5	5
41	A hyperbranched polyglycerol-functionalized polymer polar stationary phase. Journal of Chromatography A, 2022, 1670, 462946.	3.7	5
42	Sulfonamide-Selective Ambient Mass Spectrometry Ion Source Obtained by Modification of an Iron Sheet with a Hydrophilic Molecularly Imprinted Polymer. Journal of Agricultural and Food Chemistry, 2021, 69, 15425-15433.	5.2	5
43	Preparation and evaluation of anion exchange open tubular column. Talanta, 2012, 101, 91-95.	5.5	4
44	Fabrication and evaluation of an electrodialytic carbonate eluent generator for ion chromatography. Talanta, 2016, 159, 143-147.	5.5	4
45	Fabrication of a novel cascade high-pressure electro-osmotic pump. Analyst, The, 2011, 136, 2689.	3.5	3
46	An integrated device of electrodialytic membrane suppressor and charge detector for ion chromatography. Analytica Chimica Acta, 2016, 943, 131-135.	5.4	3
47	A weak cation exchanger by encapsulating silica with maleic anhydrideâ€“modified polyvinyl alcohol. Journal of Separation Science, 2020, 43, 1474-1478.	2.5	3
48	Electrodialysis Pump Based on Enhanced Water Dissociation of Bipolar Membrane. Analytical Chemistry, 2020, 92, 6263-6268.	6.5	3
49	Recent development in capillary ion chromatography technology. Open Chemistry, 2012, 10, 472-479.	1.9	2
50	An electrodialytic potassium hydroxide eluent generator suited to small bore ion chromatography. Journal of Chromatography A, 2019, 1596, 54-58.	3.7	2
51	Preparation of a polymer-based weak cation exchanger for ion chromatography via atom transfer radical polymerization. Journal of Chromatography A, 2021, 1648, 462187.	3.7	1
52	A reagent-free acid-base titration method via an electrodialytic titrant generator. Talanta, 2022, 237, 122964.	5.5	1
53	A dissolved inorganic carbon measurement method featuring self-calibration function via an electrodialytic generator. Analyst, The, 2022, 147, 208-212.	3.5	1
54	A gas-free electrodialytic pH modifier for ion chromatography. Heliyon, 2021, 7, e06229.	3.2	0

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55	An integrated dual-functional electrodialytic membrane suppressor for ion chromatography. Journal of Chromatography A, 2022, 1666, 462857.	3.7	0
56	Gas-Free Continuously Regenerated Impurity Removal Device for Ion Chromatography. Analytical Chemistry, 2022, 94, 6924-6929.	6.5	0