

# Zilin Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2310535/publications.pdf>

Version: 2024-02-01

200  
papers

5,167  
citations

94415

37  
h-index

149686

56  
g-index

201  
all docs

201  
docs citations

201  
times ranked

4611  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical glucose sensor based on one-step construction of gold nanoparticle-chitosan composite film. <i>Sensors and Actuators B: Chemical</i> , 2009, 138, 539-544.	7.8	206
2	Chemically L-Phenylalaninamide-Modified Monolithic Silica Column Prepared by a Sol-gel Process for Enantioseparation of Dansyl Amino Acids by Ligand Exchange-Capillary Electrochromatography. <i>Analytical Chemistry</i> , 2001, 73, 3348-3357.	6.5	136
3	Metal-organic frameworks as stationary phase for application in chromatographic separation. <i>Journal of Chromatography A</i> , 2017, 1530, 1-18.	3.7	125
4	Chemically L-prolinamide-modified monolithic silica column for enantiomeric separation of dansyl amino acids and hydroxy acids by capillary electrochromatography and HPLC-high performance liquid chromatography. <i>Electrophoresis</i> , 2001, 22, 3339-3346.	2.4	110
5	Solid phase microextraction with poly(deep eutectic solvent) monolithic column online coupled to HPLC for determination of non-steroidal anti-inflammatory drugs. <i>Analytica Chimica Acta</i> , 2018, 1018, 111-118.	5.4	109
6	Polydopamine-supported immobilization of covalent-organic framework-5 in capillary as stationary phase for electrochromatographic separation. <i>Journal of Chromatography A</i> , 2016, 1445, 140-148.	3.7	94
7	Universal Multilayer Assemblies of Graphene in Chemically Resistant Microtubes for Microextraction. <i>Analytical Chemistry</i> , 2013, 85, 6846-6854.	6.5	87
8	A covalent organic framework-based magnetic sorbent for solid phase extraction of polycyclic aromatic hydrocarbons, and its hyphenation to HPLC for quantitation. <i>Mikrochimica Acta</i> , 2017, 184, 3867-3874.	5.0	85
9	COF-1-modified magnetic nanoparticles for highly selective and efficient solid-phase microextraction of paclitaxel. <i>Talanta</i> , 2017, 165, 188-193.	5.5	84
10	Polydopamine-based immobilization of zeolitic imidazolate framework-8 for in-tube solid-phase microextraction. <i>Journal of Chromatography A</i> , 2015, 1388, 9-16.	3.7	83
11	Development of a liquid chromatography-mass spectrometry method for the determination of ursolic acid in rat plasma and tissue: Application to the pharmacokinetic and tissue distribution study. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 2877-2884.	3.7	80
12	Aptamer-based electrochemical biosensor for label-free voltammetric detection of thrombin and adenosine. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 1380-1385.	7.8	78
13	Growth of metal-organic framework HKUST-1 in capillary using liquid-phase epitaxy for open-tubular capillary electrochromatography and capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2015, 1381, 239-246.	3.7	74
14	In situ synthesis of the imine-based covalent organic framework LZU1 on the inner walls of capillaries for electrochromatographic separation of nonsteroidal drugs and amino acids. <i>Mikrochimica Acta</i> , 2017, 184, 1169-1176.	5.0	70
15	Mussel inspired polydopamine functionalized poly(ether ether ketone) tube for online solid-phase microextraction-high performance liquid chromatography and its application in analysis of protoberberine alkaloids in rat plasma. <i>Journal of Chromatography A</i> , 2013, 1278, 29-36.	3.7	69
16	An electropolymerized Nile Blue sensing film-based nitrite sensor and application in food analysis. <i>Analytica Chimica Acta</i> , 2008, 623, 213-220.	5.4	67
17	Chemically modified chiral monolithic silica column prepared by a sol-gel process for enantiomeric separation by micro high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2002, 942, 83-91.	3.7	63
18	An electro-osmotic micro-pump based on monolithic silica for micro-flow analyses and electro-sprays. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 817-824.	3.7	63

#	ARTICLE	IF	CITATIONS
19	Preparation of micropipette tip-based molecularly imprinted monolith for selective micro-solid phase extraction of berberine in plasma and urine samples. <i>Talanta</i> , 2013, 103, 103-109.	5.5	63
20	Comparison of enantioseparations using Cu(II) complexes with L-amino acid amides as chiral selectors or chiral stationary phases by capillary electrophoresis, capillary electrochromatography and micro liquid chromatography. <i>Journal of Chromatography A</i> , 2003, 990, 75-82.	3.7	53
21	Screening of neuraminidase inhibitors from traditional Chinese medicines by integrating capillary electrophoresis with immobilized enzyme microreactor. <i>Journal of Chromatography A</i> , 2014, 1340, 139-145.	3.7	53
22	Determination of polycyclic aromatic hydrocarbons in water samples using online microextraction by packed sorbent coupled with gas chromatography-mass spectrometry. <i>Talanta</i> , 2012, 94, 152-157.	5.5	51
23	Fabrication and application of a novel plant hormone sensor for the determination of methyl jasmonate based on self-assembling of phosphotungstic acid-graphene oxide nanohybrid on graphite electrode. <i>Sensors and Actuators B: Chemical</i> , 2010, 151, 8-14.	7.8	50
24	Analysis of four alkaloids of <i>Coptis chinensis</i> in rat plasma by high performance liquid chromatography with electrochemical detection. <i>Analytica Chimica Acta</i> , 2012, 737, 99-104.	5.4	50
25	Advances in capillary electro-chromatography. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 227-237.	5.3	49
26	Identification and quantification of oleanolic acid and ursolic acid in Chinese herbs by liquid chromatography-ion trap mass spectrometry. <i>Biomedical Chromatography</i> , 2011, 25, 1381-1388.	1.7	48
27	Covalent immobilization of graphene onto stainless steel wire for jacket-free stir bar sorptive extraction. <i>Journal of Chromatography A</i> , 2014, 1351, 12-20.	3.7	48
28	Screening of tyrosinase inhibitors by capillary electrophoresis with immobilized enzyme microreactor and molecular docking. <i>Electrophoresis</i> , 2017, 38, 486-493.	2.4	46
29	An immobilized carboxyl containing metal-organic framework-5 stationary phase for open-tubular capillary electrochromatography. <i>Talanta</i> , 2016, 154, 360-366.	5.5	44
30	Cotton fiber-supported layered double hydroxides for the highly efficient adsorption of anionic organic pollutants in water. <i>New Journal of Chemistry</i> , 2018, 42, 9463-9471.	2.8	44
31	Mussel-inspired polydopamine-assisted hydroxyapatite as the stationary phase for capillary electrochromatography. <i>Analyst</i> , 2014, 139, 242-250.	3.5	43
32	Enhancement of capillary electrochromatographic separation performance by conductive polymer in a layer-by-layer fabricated graphene stationary phase. <i>Journal of Chromatography A</i> , 2014, 1339, 192-199.	3.7	42
33	Covalent immobilization of metal organic frameworks onto chemical resistant poly(ether ether) Tj ETQq1 1 0.784314 rgBT / Overlock 10 5,4 42		
34	Reversal Behaviors of the Enantiomer Migration Order and the Stereo-selectivity of Cu(II) Complex with Amino Acid Enantiomers in Ligand Exchange-Micellar Electrokinetic Chromatography.. <i>Analytical Sciences</i> , 2000, 16, 131-137.	1.6	41
35	In situ immobilization of layered double hydroxides onto cotton fiber for solid phase extraction of fluoroquinolone drugs. <i>Talanta</i> , 2018, 186, 545-553.	5.5	40
36	High sensitive determination of zinc with novel water-soluble small molecular fluorescent sensor. <i>Analytica Chimica Acta</i> , 2009, 647, 215-218.	5.4	38

#	ARTICLE	IF	CITATIONS
37	Biocompatible Ag <sub>2</sub> S quantum dots for highly sensitive detection of copper ions. <i>Analyst</i> , 2019, 144, 2604-2610.	3.5	38
38	β-Cyclodextrin metal-organic framework supported by polydopamine as stationary phases for electrochromatographic enantioseparation. <i>Talanta</i> , 2020, 218, 121160.	5.5	38
39	A novel electrochemical sensor based on nano-structured film electrode for monitoring nitric oxide in living tissues. <i>Talanta</i> , 2010, 82, 1218-1224.	5.5	37
40	Simultaneous determination of three curcuminoids in <i>Curcuma longa</i> L. by high performance liquid chromatography coupled with electrochemical detection. <i>Journal of Pharmaceutical Analysis</i> , 2014, 4, 325-330.	5.3	37
41	Tuning C sp <sup>2</sup> /sp <sup>3</sup> ratio of DLC films in FCVA system for biomedical application. <i>Bioactive Materials</i> , 2020, 5, 192-200.	15.6	37
42	Polydopamine-assisted immobilization of zeolitic imidazolate framework for open-tubular capillary electrochromatography. <i>Journal of Separation Science</i> , 2017, 40, 954-961.	2.5	36
43	Metabolic Profiles of Ginger, A Functional Food, and Its Representative Pungent Compounds in Rats by Ultraperformance Liquid Chromatography Coupled with Quadrupole Time-of-Flight Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 9010-9033.	5.2	36
44	Novel molecularly imprinted magnetic nanoparticles for the selective extraction of protoberberine alkaloids in herbs and rat plasma. <i>Journal of Separation Science</i> , 2015, 38, 2117-2125.	2.5	35
45	Advances in capillary electrophoresis-mass spectrometry for cell analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 117, 316-330.	11.4	35
46	Separation, identification, and quantification of active constituents in <i>Fructus Psoraleae</i> by high-performance liquid chromatography with UV, ion trap mass spectrometry, and electrochemical detection. <i>Journal of Pharmaceutical Analysis</i> , 2012, 2, 143-151.	5.3	34
47	An etched polyether ether ketone tube covered with immobilized graphene oxide for online solid phase microextraction of quaternary alkaloids prior to their quantitation by HPLC-MS/MS. <i>Mikrochimica Acta</i> , 2017, 184, 2715-2721.	5.0	34
48	Zr-based metal-organic framework-modified cotton for solid phase micro-extraction of non-steroidal anti-inflammatory drugs. <i>Journal of Chromatography A</i> , 2018, 1576, 19-25.	3.7	34
49	Recent advances in screening of enzymes inhibitors based on capillary electrophoresis. <i>Journal of Pharmaceutical Analysis</i> , 2018, 8, 226-233.	5.3	34
50	Open-tubular capillary electrochromatography-mass spectrometry with sheathless nanoflow electrospray ionization for analysis of amino acids and peptides. <i>Journal of Mass Spectrometry</i> , 2007, 42, 244-253.	1.6	32
51	Trypsin inhibitor screening in traditional Chinese medicine by using an immobilized enzyme microreactor in capillary and molecular docking study. <i>Journal of Separation Science</i> , 2017, 40, 3168-3174.	2.5	32
52	In-situ growth of a spherical vinyl-functionalized covalent organic framework as stationary phase for capillary electrochromatography-mass spectrometry analysis. <i>Talanta</i> , 2021, 230, 122330.	5.5	32
53	Capture and release of viruses using amino-functionalized silica particles. <i>Analytica Chimica Acta</i> , 2006, 569, 76-82.	5.4	31
54	Immobilization of zeolitic imidazolate frameworks with assist of electrodeposited zinc oxide layer and application in online solid-phase microextraction of Sudan dyes. <i>Talanta</i> , 2019, 192, 142-146.	5.5	31

#	ARTICLE	IF	CITATIONS
55	Simultaneous determination of vinblastine and its monomeric precursors vindoline and catharanthine in <i>Catharanthus roseus</i> by capillary electrophoresis–mass spectrometry. <i>Journal of Separation Science</i> , 2011, 34, 2885-2892.	2.5	30
56	Graphene/polydopamine–modified polytetrafluoroethylene microtube for the sensitive determination of three active components in <i>Fructus Psoraleae</i> by online solid–phase microextraction with high–performance liquid chromatography. <i>Journal of Separation Science</i> , 2014, 37, 3110-3116.	2.5	30
57	Electrochemically modified carbon fiber bundles as selective sorbent for online solid-phase microextraction of sulfonamides. <i>Mikrochimica Acta</i> , 2016, 183, 813-820.	5.0	30
58	Separation behavior of amino acid enantiomers in ligand exchange micellar electrokinetic chromatography. <i>Journal of Separation Science</i> , 1999, 11, 534-540.	1.0	29
59	Tyrosinase inhibitor screening in traditional Chinese medicines by electrophoretically mediated microanalysis. <i>Journal of Separation Science</i> , 2015, 38, 2887-2892.	2.5	29
60	Novel Zn–based MOFs stationary phase with large pores for capillary electrochromatography. <i>Electrophoresis</i> , 2016, 37, 2181-2189.	2.4	29
61	Estimation of Formation Constants of Ternary Cu(II) Complexes with Mixed Amino Acid Enantiomers Based on Ligand Exchange by Capillary Electrophoresis.. <i>Analytical Sciences</i> , 2000, 16, 837-841.	1.6	28
62	Identification and quantification of active alkaloids in <i>Catharanthus roseus</i> by liquid chromatography–ion trap mass spectrometry. <i>Food Chemistry</i> , 2013, 139, 845-852.	8.2	28
63	Thiol-based non-injection synthesis of near-infrared Ag <sub>2</sub> S/ZnS core/shell quantum dots. <i>RSC Advances</i> , 2015, 5, 56789-56793.	3.6	28
64	Monolithic column modified with bifunctional ionic liquid and styrene stationary phases for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2017, 1480, 99-105.	3.7	28
65	Enhanced amperometric response of a glucose oxidase and horseradish peroxidase based bienzyme glucose biosensor modified with a film of polymerized toluidine blue containing reduced graphene oxide. <i>Mikrochimica Acta</i> , 2015, 182, 1949-1956.	5.0	27
66	Layered double hydroxides based ion exchange extraction for high sensitive analysis of non-steroidal anti-inflammatory drugs. <i>Journal of Chromatography A</i> , 2017, 1515, 23-29.	3.7	27
67	In-situ growth of a metal organic framework composed of zinc(II), adeninate and biphenyldicarboxylate as a stationary phase for open-tubular capillary electrochromatography. <i>Mikrochimica Acta</i> , 2019, 186, 53.	5.0	27
68	Facile synthesis of novel multifunctional $\beta$ -cyclodextrin microporous organic network and application in efficient removal of bisphenol A from water. <i>Carbohydrate Polymers</i> , 2022, 276, 118786.	10.2	27
69	Universal biomimetic preparation and immobilization of layered double hydroxide films and adsorption behavior. <i>Applied Surface Science</i> , 2017, 392, 153-161.	6.1	26
70	In situ growth of Zn–based metal–organic framework UiO–66–NH <sub>2</sub> for open–tubular capillary electrochromatography. <i>Electrophoresis</i> , 2018, 39, 2619-2625.	2.4	26
71	Capillary electrochromatography using knitted aromatic polymer as the stationary phase for the separation of small biomolecules and drugs. <i>Talanta</i> , 2018, 178, 650-655.	5.5	26
72	Monolithic column with polymeric deep eutectic solvent as stationary phase for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2018, 1577, 66-71.	3.7	26

#	ARTICLE	IF	CITATIONS
73	Polydopamine-functionalized poly(ether ether ketone) tube for capillary electrophoresis-mass spectrometry. <i>Analytica Chimica Acta</i> , 2017, 987, 64-71.	5.4	25
74	Metal-organic framework-1210(zirconium/cuprum) modified magnetic nanoparticles for solid phase extraction of benzophenones in soil samples. <i>Journal of Chromatography A</i> , 2019, 1607, 460403.	3.7	25
75	Polydopamine-assisted immobilization of a zinc(II)-derived metal-organic cage as a stationary phase for open-tubular capillary electrochromatography. <i>Mikrochimica Acta</i> , 2019, 186, 449.	5.0	25
76	Incorporation of homochiral metal-organic cage into ionic liquid based monolithic column for capillary electrochromatography. <i>Analytica Chimica Acta</i> , 2020, 1094, 160-167.	5.4	25
77	An integrated micropump and electrospray emitter system based on porous silica monoliths. <i>Electrophoresis</i> , 2006, 27, 3964-3970.	2.4	24
78	Analysis of active alkaloids in the Menispermaceae family by nonaqueous capillary electrophoresis-ion trap mass spectrometry. <i>Journal of Separation Science</i> , 2013, 36, 341-349.	2.5	24
79	Nonaqueous CE ESI-IT-MS analysis of Amaryllidaceae alkaloids. <i>Journal of Separation Science</i> , 2013, 36, 1078-1084.	2.5	24
80	Determination of Chiral Jasmonates in Flowers by GC/MS after Monolithic Material Sorptive Extraction. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 6288-6292.	5.2	24
81	Screening of aromatase inhibitors in traditional Chinese medicines by electrophoretically mediated microanalysis in a partially filled capillary. <i>Journal of Separation Science</i> , 2013, 36, 2691-2697.	2.5	24
82	In situ immobilization of layered double hydroxides as stationary phase for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2017, 1530, 219-225.	3.7	24
83	Identification and Quantitation of the Bioactive Components in <i>Osmanthus fragrans</i> Fruits by HPLC-ESI-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 359-367.	5.2	24
84	Determination of tryptophan and kynurenine in human plasma by liquid chromatography-electrochemical detection with multi-wall carbon nanotube-modified glassy carbon electrode. <i>Biomedical Chromatography</i> , 2011, 25, 938-942.	1.7	23
85	Adsorptive behavior and solid-phase microextraction of bare stainless steel sample loop in high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1365, 19-28.	3.7	23
86	Identification and quantification of the bioactive components in <i>Osmanthus fragrans</i> roots by HPLC-MS/MS. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 299-307.	5.3	22
87	Jacket-free stir bar sorptive extraction with bio-inspired polydopamine-functionalized immobilization of cross-linked polymer on stainless steel wire. <i>Journal of Chromatography A</i> , 2015, 1407, 1-10.	3.7	21
88	Etched poly(ether ether ketone) jacket stir bar with detachable dumbbell-shaped structure for stir bar sorptive extraction. <i>Journal of Chromatography A</i> , 2018, 1553, 43-50.	3.7	21
89	Schiff base network-1 incorporated monolithic column for in-tube solid phase microextraction of antiepileptic drugs in human plasma. <i>Talanta</i> , 2021, 226, 122098.	5.5	21
90	Separation of isomeric bavachin and isobavachalcone in the <i>Furcraea</i> <i>prostrata</i> by capillary electrophoresis-mass spectrometry. <i>Journal of Separation Science</i> , 2012, 35, 1644-1650.	2.5	20

#	ARTICLE	IF	CITATIONS
91	Sensitive determination of the potential biomarker sarcosine for prostate cancer by LC-MS with N,N- $\alpha$ -dicyclohexylcarbodiimide derivatization. <i>Journal of Separation Science</i> , 2014, 37, 14-19.	2.5	20
92	Simultaneous determination of doxorubicin and its dipeptide prodrug in mice plasma by HPLC with fluorescence detection. <i>Journal of Pharmaceutical Analysis</i> , 2016, 6, 199-202.	5.3	20
93	Ionic liquid-copolymerized monolith incorporated with zeolitic imidazolate framework-8 as stationary phases for enhancing reversed phase selectivity in capillary electrochromatography. <i>Journal of Chromatography A</i> , 2018, 1578, 99-105.	3.7	20
94	Cotton thread modified with ionic liquid copolymerized polymer for online in-tube solid-phase microextraction and HPLC analysis of nonsteroidal anti-inflammatory drugs. <i>Journal of Separation Science</i> , 2020, 43, 2827-2833.	2.5	20
95	Electrochemical detection of DNA methylation using a glassy carbon electrode modified with a composite made from carbon nanotubes and $\beta$ -cyclodextrin. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 1263-1270.	2.5	19
96	A reversed-phase/hydrophilic bifunctional interaction mixed-mode monolithic column with biphenyl and quaternary ammonium stationary phases for capillary electrochromatography. <i>Analyst</i> , The, 2019, 144, 4386-4394.	3.5	19
97	In situ room-temperature preparation of a covalent organic framework as stationary phase for high-efficiency capillary electrochromatographic separation. <i>Journal of Chromatography A</i> , 2021, 1649, 462239.	3.7	19
98	Determination of bavachin and isobavachalcone in <i>Fructus Psoraleae</i> by high-performance liquid chromatography with electrochemical detection. <i>Journal of Separation Science</i> , 2011, 34, 514-519.	2.5	18
99	Study on pharmacokinetic and tissue distribution of lycorine in mice plasma and tissues by liquid chromatography-mass spectrometry. <i>Talanta</i> , 2014, 119, 401-406.	5.5	18
100	Selective recognition of d-tryptophan from d/l-tryptophan mixtures in the presence of Cu(II) by electropolymerized l-lysine film. <i>Analytical Biochemistry</i> , 2016, 492, 30-33.	2.4	18
101	A poly (4-vinylpyridine-co-ethylene glycol dimethacrylate) monolithic concentrator for online concentration-capillary electrophoresis analysis of phenols in water samples. <i>Electrophoresis</i> , 2012, 33, 2911-2919.	2.4	17
102	Boronate affinity monolithic column incorporated with graphene oxide for the in-tube solid-phase microextraction of glycoproteins. <i>Journal of Separation Science</i> , 2018, 41, 2767-2773.	2.5	17
103	Covalent organic framework TpPa-1 as stationary phase for capillary electrochromatographic separation of drugs and food additives. <i>Electrophoresis</i> , 2018, 39, 2912-2918.	2.4	17
104	Stir bar sorptive extraction with a graphene oxide framework-functionalized stainless-steel wire for the determination of Sudan dyes in water samples. <i>Analytical Methods</i> , 2019, 11, 2050-2056.	2.7	17
105	Ionic liquid-copolymerized monolith based porous layer open tubular column for CEC-MS analysis. <i>Talanta</i> , 2020, 209, 120556.	5.5	17
106	Determination of bioactive components in the fruits of <i>Cercis chinensis</i> Bunge by HPLC-MS/MS and quality evaluation by principal components and hierarchical cluster analyses. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 465-471.	5.3	17
107	Metal organic framework-801 based magnetic solid-phase extraction and its application in analysis of preterm labor treatment drugs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 199, 114049.	2.8	17
108	A lipase-based chiral stationary phase for direct chiral separation in capillary electrochromatography. <i>Talanta</i> , 2021, 233, 122488.	5.5	17

#	ARTICLE	IF	CITATIONS
109	Polymer Monolith Microextraction Coupled with HPLC for Determination of Jasmonates in Wintersweet Flowers. <i>Analytical Letters</i> , 2013, 46, 74-86.	1.8	16
110	Rapid proteolytic digestion and peptide separation using monolithic enzyme microreactor coupled with capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 129-134.	2.8	16
111	Flower-like layered double hydroxide-modified stainless steel fibers for online in-tube solid-phase microextraction of Sudan dyes. <i>Journal of Separation Science</i> , 2020, 43, 1316-1322.	2.5	16
112	Surface area expansion by flower-like nanoscale layered double hydroxides for high efficient stir bar sorptive extraction. <i>Analytica Chimica Acta</i> , 2020, 1116, 45-52.	5.4	16
113	Simultaneous and highly sensitive quantification of five bioactive components in Fructus Psoraleae and in rat plasma by HPLC with fluorescence detection. <i>Analytical Methods</i> , 2014, 6, 269-275.	2.7	15
114	Analysis of Evodiae Fructus by capillary electrochromatography-mass spectrometry with methyl-vinylimidazole functionalized organic polymer monolith as stationary phases. <i>Journal of Chromatography A</i> , 2019, 1602, 474-480.	3.7	15
115	Electrodeposited nickel oxide on a film of carbon nanotubes for monitoring nitric oxide release from rat kidney and drug samples. <i>Mikrochimica Acta</i> , 2011, 173, 65-72.	5.0	14
116	Determination of polycyclic aromatic hydrocarbons on SMA-EGDMA polymeric monolith column by capillary electrochromatography. <i>Analytical Methods</i> , 2012, 4, 4140.	2.7	14
117	Determination of Matrine and Oxymatrine in <i>Sophora Flavescens</i> by Nonaqueous Capillary Electrophoresis-Electrospray Ionization-Ion Trap-Mass Spectrometry. <i>Analytical Letters</i> , 2013, 46, 651-662.	1.8	14
118	Screening of neuraminidase inhibitors from traditional Chinese medicine by transverse diffusion mediated capillary microanalysis. <i>Biomicrofluidics</i> , 2014, 8, 052003.	2.4	14
119	Selective and sensitive determination of protoberberines by capillary electrophoresis coupled with molecularly imprinted microextraction. <i>Journal of Separation Science</i> , 2015, 38, 3969-3975.	2.5	14
120	Open-tubular capillary electrochromatography using carboxylatopillar[5]arene as stationary phase. <i>Electrophoresis</i> , 2018, 39, 363-369.	2.4	14
121	Screening and characterization of potential $\alpha$ -glucosidase inhibitors from <i>Cercis chinensis</i> Bunge fruits using ultrafiltration coupled with HPLC-ESI-MS/MS. <i>Food Chemistry</i> , 2022, 372, 131316.	8.2	14
122	A Silica Monolithic Column with Chemically Bonded L-Pipecolic Acid as Chiral Stationary Phase for Enantiomeric Separation of Dansyl Amino Acids by CE-MS. <i>Chromatographia</i> , 2012, 75, 289-296.	1.3	13
123	Simultaneous determination of tetrandrine and fangchinoline in herbal medicine <i>Stephania tetrandra</i> S. Moore by liquid chromatography with electrochemical detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 61, 252-255.	2.8	13
124	Development of $\beta$ -cyclodextrin-Modified Silica and Polyporous Polymer Particles for Solid-Phase Extraction of Methyl Jasmonate in Aqueous and Plant Samples. <i>Analytical Letters</i> , 2013, 46, 900-911.	1.8	13
125	Novel polymeric monolith materials with a $\beta$ -cyclodextrin-graphene composite for the highly selective extraction of methyl jasmonate. <i>Journal of Separation Science</i> , 2017, 40, 1556-1563.	2.5	13
126	Electrochemically deposited conductive composite sorbent for highly efficient online solid-phase microextraction of jasmonates in plant samples. <i>Talanta</i> , 2017, 170, 337-342.	5.5	13

#	ARTICLE	IF	CITATIONS
127	Analysis of six active components in <i>Radix tinosporae</i> by nonaqueous capillary electrophoresis with mass spectrometry. <i>Journal of Separation Science</i> , 2017, 40, 4628-4635.	2.5	13
128	Boronate affinity solid-phase extraction of cis-diol compounds by a one-step electrochemically synthesized selective polymer sorbent. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 501-508.	3.7	13
129	Nitric oxide measurement in biological and pharmaceutical samples by an electrochemical sensor. <i>Journal of Solid State Electrochemistry</i> , 2011, 15, 829-836.	2.5	12
130	Preparation of a novel molecularly imprinted polymer for the highly selective extraction of baicalin. <i>Journal of Separation Science</i> , 2015, 38, 4233-4239.	2.5	12
131	Simultaneous detection of eight active components in <i>Radix Tinosporae</i> by ultra high performance liquid chromatography coupled with electrospray tandem mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 2036-2042.	2.5	12
132	A HPLC-MS method for profiling triterpenoid acids and triterpenoid esters in <i>Osmanthus fragrans</i> fruits. <i>Analyst</i> , 2019, 144, 6981-6988.	3.5	12
133	Room-temperature growth of covalent organic frameworks as the stationary phase for open-tubular capillary electrochromatography. <i>Analyst</i> , 2021, 146, 6643-6649.	3.5	12
134	Design and synthesis of a novel mitochondria-targeted osteosarcoma theranostic agent based on a PIM1 kinase inhibitor. <i>Journal of Controlled Release</i> , 2021, 332, 434-447.	9.9	12
135	Facile preparation of ethanediamine- $\beta$ -cyclodextrin modified capillary column for electrochromatographic enantioseparation of Dansyl amino acids. <i>Journal of Chromatography A</i> , 2021, 1643, 462082.	3.7	12
136	In situ synthesis of a spherical covalent organic framework as a stationary phase for capillary electrochromatography. <i>Journal of Pharmaceutical Analysis</i> , 2022, 12, 610-616.	5.3	12
137	Interaction between 18-crown-6-tetracarboxylic acid and positional substituents of enantiomers and simultaneous separation of positional enantiomers of methyl-DL-tryptophans by capillary electrophoresis. <i>Electrophoresis</i> , 2001, 22, 2136-2142.	2.4	11
138	Electrokinetic separation of peptides and proteins using a polyvinylamine-coated capillary with UV and ESI-MS detection. <i>Journal of Separation Science</i> , 2008, 31, 814-823.	2.5	11
139	Ligand effect on the synthesis of emission-tunable near-infrared $Ag_2S$ quantum dots. <i>New Journal of Chemistry</i> , 2017, 41, 5707-5712.	2.8	11
140	Screening of cathepsin B inhibitors in traditional Chinese medicine by capillary electrophoresis with immobilized enzyme microreactor. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 176, 112811.	2.8	11
141	Rapid Analysis of Biological Samples Using Monolithic Polymer-Based In-Tube Solid-Phase Microextraction with Direct Mass Spectrometry. <i>ACS Applied Bio Materials</i> , 2021, 4, 6236-6243.	4.6	11
142	An HPLC-ESI-MS method for analysis of loureirin A and B in dragon's blood and application in pharmacokinetics and tissue distribution in rats. <i>FÄ-toterapÄ-t</i> , 2013, 86, 149-158.	2.2	10
143	Monolithic column functionalized with quinine derivative for anion-exchange capillary electrochromatography. <i>Electrophoresis</i> , 2018, 39, 3006-3012.	2.4	10
144	Screening of lactate dehydrogenase inhibitor from bioactive compounds in natural products by electrophoretically mediated microanalysis. <i>Journal of Chromatography A</i> , 2021, 1656, 462554.	3.7	10

#	ARTICLE	IF	CITATIONS
145	Separation of small molecular peptides with same amino acid composition but different sequences by capillary electrophoresis. <i>Journal of Separation Science</i> , 2009, 32, 437-440.	2.5	9
146	Cathepsin B inhibitor screening in traditional Chinese medicines by electrophoretically mediated microanalysis. <i>Analytical Methods</i> , 2016, 8, 8528-8533.	2.7	9
147	Covalent immobilization of ionic liquid-based porous polymer onto poly(ether ether ketone) for stir bar sorptive extraction and its application in analysis of chlorophenoxy acid herbicides in soil. <i>Talanta</i> , 2020, 208, 120442.	5.5	9
148	Fluoro-functionalized stationary phases for electrochromatographic separation of organic fluorides. <i>Journal of Chromatography A</i> , 2020, 1625, 461269.	3.7	9
149	Porous layer open-tubular column with styrene and itaconic acid copolymerized polymer as stationary phase for capillary electrochromatography-mass spectrometry. <i>Electrophoresis</i> , 2021, 42, 2664-2671.	2.4	9
150	Synthesis of crystalline covalent organic framework as stationary phase for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2022, 1673, 463070.	3.7	9
151	Electrochemically deposition of metal-organic framework onto carbon fibers for online in-tube solid-phase microextraction of non-steroidal anti-inflammatory drugs. <i>Journal of Chromatography A</i> , 2022, 1673, 463129.	3.7	9
152	Enhancing sensitivity of liquid chromatographic/ion-trap mass spectrometric determination of jasmonic acid by derivatization with N,N-dicyclohexylcarbodiimide. <i>Analyst</i> , The, 2012, 137, 5436.	3.5	8
153	Determination of endogenous jasmonic acid in plant samples by liquid chromatography-electrochemical detection based on derivatization with dopamine. <i>Analyst</i> , The, 2013, 138, 1226.	3.5	8
154	Fabrication of electrochemical NO sensor based on nanostructured film and its application in drug screening. <i>Biosensors and Bioelectronics</i> , 2013, 50, 57-61.	10.1	8
155	Electroosmotic pump-supported molecularly imprinted monolithic column for capillary chromatographic separation of nitrophenol isomers. <i>Electrophoresis</i> , 2015, 36, 2881-2887.	2.4	8
156	Polytetrafluoroethylene-jacketed stirrer modified with graphene oxide and polydopamine for the efficient extraction of polycyclic aromatic hydrocarbons. <i>Journal of Separation Science</i> , 2016, 39, 4011-4018.	2.5	8
157	Estrogen conjugated fluorescent silica nanoparticles as optical probes for breast cancer cells imaging. <i>Biomicrofluidics</i> , 2019, 13, 044113.	2.4	8
158	Fast determination of isomeric triterpenic acids in <i>Osmanthus fragrans</i> (Thunb.) Lour. fruits by UHPLC coupled with triple quadrupole mass spectrometry. <i>Food Chemistry</i> , 2020, 322, 126781.	8.2	8
159	Fluorescein-core piperazine as a fluorescent labeling reagent for highly sensitive determination of jasmonic acid by high-performance liquid chromatography. <i>Analytical Methods</i> , 2013, 5, 1733.	2.7	7
160	Highly selective extraction of baicalin in natural herbs and medicinal preparations by molecularly imprinted polymer. <i>Journal of Applied Polymer Science</i> , 2013, 130, 1873-1878.	2.6	7
161	Polymeric monolith column composited with multiwalled carbon nanotubes- $\beta$ -cyclodextrin for the selective extraction of psoralen and isopsoralen. <i>Journal of Separation Science</i> , 2017, 40, 3718-3724.	2.5	7
162	Determination of three phenylethanoid glycosides in <i>Osmanthus fragrans</i> fruits by high-performance liquid chromatography with fluorescence detection. <i>Journal of Separation Science</i> , 2018, 41, 3995-4000.	2.5	7

#	ARTICLE	IF	CITATIONS
163	Capillary electrophoresis-mass spectrometry using robust poly(ether ether ketone) capillary for tolerance to high content of organic solvents. <i>Journal of Chromatography A</i> , 2019, 1593, 156-163.	3.7	7
164	Labeling nitrogen species with the stable isotope <sup>15</sup> N for their measurement by separative methods coupled with mass spectrometry: A review. <i>Talanta</i> , 2019, 191, 491-503.	5.5	7
165	Glycine-modified organic polymer monolith featuring zwitterionic functionalities for hydrophilic capillary electrochromatography. <i>Journal of Chromatography A</i> , 2020, 1629, 461497.	3.7	7
166	Fluorescence assay based on the thioflavin T-induced conformation switch of G-quadruplexes for TET1 detection. <i>Analyst, The</i> , 2021, 146, 2126-2130.	3.5	7
167	Benzoic acid-modified monolithic column for separation of hydrophilic compounds by capillary electrochromatography with high content of water in mobile phase. <i>Journal of Chromatography A</i> , 2021, 1647, 462166.	3.7	7
168	Screening carbonic anhydrase IX inhibitors in traditional Chinese medicine based on electrophoretically mediated microanalysis. <i>Talanta</i> , 2021, 232, 122444.	5.5	7
169	Electrochemical behavior and the determination of methyl jasmonate. <i>Science Bulletin</i> , 2010, 55, 2225-2230.	1.7	6
170	Direct Evaluation of Ligand-Receptor Interaction by a Novel Imaging Model Based on Fluorescent Silica Nanoparticle as Ligand Probe and Molecular Imprinting Polymer as Artificial Receptor. <i>Analytical Letters</i> , 2011, 44, 687-697.	1.8	6
171	Diagnostic ion-oriented identification and simultaneous quantification of chemical components in <i>Allium chinense</i> G. Don. <i>Journal of Separation Science</i> , 2018, 41, 4253-4271.	2.5	6
172	Novel label-free electrochemical strategy for sensitive determination of ten-eleven translocation protein 1. <i>Analytica Chimica Acta</i> , 2021, 1146, 140-145.	5.4	6
173	Assay for TET1 activity and its inhibitors screening with signal amplification by both nanoparticles and Ru(III) redox recycling. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 203, 114228.	2.8	6
174	Synthesis of multifunctional crown ether covalent organic nanospheres as stationary phase for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2022, 1677, 463323.	3.7	6
175	Ligand exchange-micellar electrokinetic chromatography and its applications. <i>Bunseki Kagaku</i> , 2000, 49, 713-714.	0.2	5
176	Thermodynamic Approaches to Intermolecular Interaction and Retention Behavior in Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 2809-2838.	1.0	5
177	Determination of Kynurenine and Tryptophan in Human Plasma by Stacking-Micellar Electrokinetic Chromatography. <i>Analytical Letters</i> , 2013, 46, 2503-2513.	1.8	5
178	Evaluation of the interaction between hydroxyapatite and bisphosphonate by nonlinear capillary electrochromatography. <i>Journal of Separation Science</i> , 2017, 40, 2030-2036.	2.5	5
179	A bifunctional electrochemical aptasensor based on AuNPs-coated ERGO nanosheets for sensitive detection of adenosine and thrombin. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 1383-1391.	2.5	5
180	End-labeling-based electrochemical strategy for detection of adenine methylation in nucleic acid by differential pulse voltammetry. <i>Mikrochimica Acta</i> , 2021, 188, 250.	5.0	5

#	ARTICLE	IF	CITATIONS
181	Covalent organic framework-V modified porous polypropylene hollow fiber with detachable dumbbell-shaped structure for stir bar sorptive extraction of benzophenones. <i>Journal of Chromatography A</i> , 2022, 1664, 462798.	3.7	5
182	A novel method for D-arabinitol determination based on a nano-structured sensing film by one-step electrodeposition. <i>Mikrochimica Acta</i> , 2010, 170, 9-15.	5.0	4
183	Simultaneous separation of jasmonic acid conjugates with amino acids by <scp>MEKC</scp>. <i>Journal of Separation Science</i> , 2013, 36, 892-897.	2.5	4
184	Interaction with Deoxyribonucleic Acid and Determination of Orientin in <i>Lophatherum gracile</i> Brongn by High-Performance Liquid Chromatography with Amperometric Detection. <i>Electrochimica Acta</i> , 2015, 178, 829-837.	5.2	4
185	Highly Selective Electrochemical Detection of 5-Formyluracil Relying on (2-Benzimidazolyl) Acetonitrile Labeling. <i>Analytical Chemistry</i> , 2021, 93, 16439-16446.	6.5	4
186	Novel electrochemical immunosensor for O6-methylguanine-DNA methyltransferase gene methylation based on graphene oxide-magnetic nanoparticles-I <sup>2</sup> -cyclodextrin nanocomposite. <i>Bioelectrochemistry</i> , 2022, 146, 108111.	4.6	4
187	Simultaneous determination of five anti-epilepsy drugs in human plasma using liquid chromatography-mass spectrometry. <i>Science China Chemistry</i> , 2010, 53, 2373-2378.	8.2	3
188	Sensitive determination of psoralen and isopsoralen in <i>Fructus Psoraleae</i> by online solid phase microextraction with a porphyrin-based porous organic polymer modified capillary. <i>Analytical Methods</i> , 2019, 11, 29-35.	2.7	3
189	Strong hydrophilic monolithic column functionalized with amphiphilic benzyl quinine for capillary electrochromatography and application in pharmaceutical analysis. <i>Journal of Chromatography A</i> , 2020, 1621, 461031.	3.7	3
190	Analysis of fluorinated compounds by micellar electrokinetic chromatography - mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1645, 462123.	3.7	3
191	Synthesis of carbon dots-based covalent organic nanomaterial as stationary phase for open tubular capillary electrochromatography. <i>Journal of Chromatography A</i> , 2022, 1678, 463343.	3.7	3
192	Application of Monolithic Silica for Microfluidic Analysis. <i>Bunseki Kagaku</i> , 2005, 54, 583-592.	0.2	2
193	Simultaneous Separation of Four Metal Ions by CE Using Bis(2-Pyridylmethyl) (8-Pyridylmethoxy-Quinoline-2-Methyl)Amine as Chelating Agent. <i>Chromatographia</i> , 2010, 72, 1201-1205.	1.3	2
194	Sensitive and simultaneous determination of active components in <i>Lycoris radiata</i> and rat plasma by HPLC with fluorescence detection. <i>Analytical Methods</i> , 2014, 6, 8979-8985.	2.7	2
195	A new diamide-type chiral stationary phase for chiral resolution by normal and reversed phase HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 2103-2117.	1.0	1
196	Separation of small molecular peptides with the same amino acid composition but different sequences by high performance liquid chromatography-electrospray ionization-mass spectrometry. <i>Science in China Series B: Chemistry</i> , 2009, 52, 2264-2268.	0.8	1
197	Analysis of Catharanthus Alkaloids. , 2013, , 1121-1132.		1
198	Covalent organic nanospheres modified magnetic nanoparticles for extraction of blood lipid regulators in water samples. <i>Journal of Separation Science</i> , 2021, 44, 2301-2309.	2.5	1

#	ARTICLE	IF	CITATIONS
199	Preface for Advances in Pharmaceutical Analysis 2017. Journal of Pharmaceutical Analysis, 2018, 8, 209.	5.3	0
200	Capillary Electrochromatography-Electrospray Ionization-Mass Spectrometry: An Integrated Electrokinetic Analytical Technique. , 2014, , 1-13.		0