Qinhua Chen

List of Publications by Year
in descending order

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		331670	377865
71	1,463	21	34
papers	citations	h-index	g-index

76	76	76	1762
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CRISPR/Cas12a-based electrochemical biosensor for highly sensitive detection of cTnI. Bioelectrochemistry, 2022, 146, 108167.	4.6	22
2	Systematic Qualitative and Quantitative Analyses of Wenxin Granule via Ultra-High Performance Liquid Chromatography Coupled with Ion Mobility Quadrupole Time-of-Flight Mass Spectrometry and Triple Quadrupoleâ€“Linear Ion Trap Mass Spectrometry. Molecules, 2022, 27, 3647.	3.8	4
3	Immunoassay-aptasensor for the determination of tumor-derived exosomes based on the combination of magnetic nanoparticles and hybridization chain reaction. RSC Advances, 2021, 11, 4983-4990.	3.6	13
4	Insight Into Bioactive Hydrogels for Wound Healing and Drug Delivery Systems. Current Medicinal Chemistry, 2021, 28, 8692-8710.	2.4	5
5	Utilizing DNase I and graphene oxide modified magnetic nanoparticles for sensing PD-L1 in human plasma. Sensor Review, 2021, 41, 229-234.	1.8	4
6	Recent advances in, and challenges of, anti-angiogenesis agents for tumor chemotherapy based on vascular normalization. Drug Discovery Today, 2021, 26, 2743-2753.	6.4	25
7	Research Progress and Application of Bioorthogonal Reactions in Biomolecular Analysis and Disease Diagnosis. Topics in Current Chemistry, 2021, 379, 39.	5.8	5
8	Determination of miRNA derived from exosomes of prostate cancer via toehold-aided cyclic amplification combined with HRP enzyme catalysis and magnetic nanoparticles. Analytical Biochemistry, 2021, 630, 114336.	2.4	11
9	A highly sensitive electrochemical aptasensor for vascular endothelial growth factor detection based on toehold-mediated strand displacement reaction. Analytical Methods, 2021, 13, 4934-4940.	2.7	4
10	Activity-based proteomic profiling: application of releasable linker in photoaffinity probes. Drug Discovery Today, 2020, 25, 133-140.	6.4	11
11	Rhopaladins' analogue (E)-2-aroyl-4-(4-fluorobenzylidene)-5-oxopyrrolidines inhibit proliferation, promote apoptosis and down-regulation of E6/E7 mRNA in cervical cancer. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127554.	2.2	8
12	An ultrasensitive electrochemical sensing platform for the detection of cTnI based on aptamer recognition and signal amplification assisted by TdT. RSC Advances, 2020, 10, 36396-36403.	3.6	26
13	Construction of electrochemical aptasensor of carcinoembryonic antigen based on toehold-aided DNA recycling signal amplification. Bioelectrochemistry, 2020, 133, 107492.	4.6	14
14	Large-scale lipid analysis with C=C location and sn-position isomer resolving power. Nature Communications, 2020, 11, 375.	12.8	117
15	Immunoassay-type biosensor based on magnetic nanoparticle capture and the fluorescence signal formed by horseradish peroxidase catalysis for tumor-related exosome determination. Mikrochimica Acta, 2020, 187, 282.	5.0	27
16	Monogenic, Polygenic, and MicroRNA Markers for Ischemic Stroke. Molecular Neurobiology, 2019, 56, 1330-1343.	4.0	16
17	Assembly and Annotation of a Draft Genome of the Medicinal Plant Polygonum cuspidatum. Frontiers in Plant Science, 2019, 10, 1274.	3.6	36
18	An electrochemical aptasensing platform for carbohydrate antigen 125 based on the use of flower-like gold nanostructures and target-triggered strand displacement amplification. Mikrochimica Acta, 2019, 186, 388.	5.0	28

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19	Comprehensive expression analysis of Arabidopsis GA2-oxidase genes and their functional insights. Plant Science, 2019, 285, 1-13.	3.6	68
20	Ultrasensitive fluorescent aptasensor for CRP detection based on the RNase H assisted DNA recycling signal amplification strategy. RSC Advances, 2019, 9, 11960-11967.	3.6	13
21	A Polymer Coating Transfer Enrichment Method for Direct Mass Spectrometry Analysis of Lipids in Biofluid Samples. Angewandte Chemie, 2019, 131, 6125-6130.	2.0	4
22	Activity-based proteomic profiling: The application of photoaffinity probes in the target identification of bioactive molecules. TrAC - Trends in Analytical Chemistry, 2019, 115, 110-120.	11.4	8
23	A Polymer Coating Transfer Enrichment Method for Direct Mass Spectrometry Analysis of Lipids in Biofluid Samples. Angewandte Chemie - International Edition, 2019, 58, 6064-6069.	13.8	30
24	A fluorescent biosensor for cardiac biomarker myoglobin detection based on carbon dots and deoxyribonuclease I-aided target recycling signal amplification. RSC Advances, 2019, 9, 4463-4468.	3.6	38
25	A lipidomic workflow capable of resolving sn- and Cî€€ location isomers of phosphatidylcholines. Chemical Science, 2019, 10, 10740-10748.	7.4	55
26	Online photochemical derivatization enables comprehensive mass spectrometric analysis of unsaturated phospholipid isomers. Nature Communications, 2019, 10, 79.	12.8	133
27	Discovery of novel anti-angiogenesis agents. Part 9: Multiplex inhibitors suppressing compensatory activations of RTKs. European Journal of Medicinal Chemistry, 2019, 164, 440-447.	5.5	10
28	Ultrasensitive amperometric aptasensor for the epithelial cell adhesion molecule by using target-driven toehold-mediated DNA recycling amplification. Mikrochimica Acta, 2018, 185, 202.	5.0	18
29	Identification and Quantification of Four Anthraquinones in Rhubarb and its Preparations by Gas Chromatographyâ€“Mass Spectrometry. Journal of Chromatographic Science, 2018, 56, 195-201.	1.4	9
30	Enzyme-free ultrasensitive fluorescence detection of epithelial cell adhesion molecules based on a toehold-aided DNA recycling amplification strategy. RSC Advances, 2018, 8, 14798-14805.	3.6	11
31	Shotgun Analysis of Diacylglycerols Enabled by Thiolâ€“ene Click Chemistry. Analytical Chemistry, 2018, 90, 5239-5246.	6.5	10
32	Ultrasensitive fluorescent aptasensor for MUC1 detection based on deoxyribonuclease I-aided target recycling signal amplification. RSC Advances, 2018, 8, 32009-32015.	3.6	15
33	Ultrasensitive enzyme-free fluorescent detection of VEGF₁₆₅ based on target-triggered hybridization chain reaction amplification. RSC Advances, 2018, 8, 25955-25960.	3.6	11
34	Sensitive determination of yohimbine in plasma by micropipette tip-based poly(methacrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 T Chromatography and Related Technologies, 2017, 40, 428-434.	1.0	0
35	PEEK tubeâ€based online solidâ€phase microextractionâ€“highâ€performance liquid chromatography for the determination of yohimbine in rat plasma and its application in pharmacokinetics study. Biomedical Chromatography, 2017, 31, e3866.	1.7	8
36	Highly sensitive exonuclease III-assisted fluorometric determination of silver(I) based on graphene oxide and self-hybridization of cytosine-rich ss-DNA. Mikrochimica Acta, 2016, 183, 1659-1665.	5.0	10

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37	Simultaneous determination of camptothecin and 10â€hydroxycamptothecine in the Camptotheca acuminate, its medicinal preparation and in rat plasma by liquid chromatography with fluorescence detection. Biomedical Chromatography, 2015, 29, 1522-1526.	1.7	2
38	Sensitive determination of four camptothecins by solid-phase microextraction-HPLC based on a boronic acid contained polymer monolithic layer. Analytica Chimica Acta, 2015, 879, 41-47.	5.4	16
39	Comparative Validations of Capillary Electrophoresis and High-Performance Liquid Chromatography Methods for the Simultaneous Determination of Five Anthraquinones in Compound Rhubarb Enema. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 942-947.	1.0	7
40	RAPID AND SIMPLE QUANTITATIVE DETERMINATION OF ATRACTYLENOLIDE I AND ATRACTYLENOLIDE III IN ATRACTYLODES MACROCEPHALA AND ITS DIFFERENT PROCESSED PRODUCTS BY CAPILLARY ZONE ELECTROPHORESIS. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 221-229.	1.0	2
41	A novel GCâ€“MS method for determination of chrysophanol in rat plasma and tissues: Application to the pharmacokinetics, tissue distribution and plasma protein binding studies. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 973, 76-83.	2.3	22
42	The inhibitory effect of piperine from Fructus piperis extract on the degranulation of RBL-2H3 cells. FÃ¬toterapÃ¬Ã¢, 2014, 99, 218-226.	2.2	20
43	Preclinical pharmacokinetic analysis of armillarisin succinate ester in mouse plasma and tissues by LCâ€“MS/MS. Biomedical Chromatography, 2013, 27, 130-136.	1.7	6
44	Simple and fast determination of reserpine and yohimbine from Rauvolfia yunnanensis by nonaqueous capillary electrophoresis. Analytical Methods, 2013, 5, 3347.	2.7	6
45	Characterization and quantification of 10â€hydroxycamptothecine in Camptotheca acuminate and its medicinal preparation by liquid chromatographyâ€“ion trap mass spectrometry. Biomedical Chromatography, 2013, 27, 1615-1620.	1.7	6
46	Analysis of active alkaloids in the Menispermaceae family by nonaqueous capillary electrophoresisâ€ion trap mass spectrometry. Journal of Separation Science, 2013, 36, 341-349.	2.5	24
47	Identification and quantification of active alkaloids in Catharanthus roseus by liquid chromatographyâ€“ion trap mass spectrometry. Food Chemistry, 2013, 139, 845-852.	8.2	28
48	Identification and quantification of atractylenolide I and atractylenolide III in Rhizoma Atractylodes Macrocephala by liquid chromatographyâ€“ion trap mass spectrometry. Biomedical Chromatography, 2013, 27, 699-707.	1.7	31
49	CHARACTERIZATION AND QUANTIFICATION OF PRIM-O-GLUCOSYLCIMIFUGIN IN THE ROOTS OF SAPOSHNIKOVIA DIVARICATA AND ITS MEDICINAL PREPARATIONS BY LIQUID CHROMATOGRAPHYâ€“ION TRAP MASS SPECTROMETRY. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 1586-1596.	1.0	3
50	Separation, identification, and quantification of active constituents in Fructus Psoraleae by high-performance liquid chromatography with UV, ion trap mass spectrometry, and electrochemical detection. Journal of Pharmaceutical Analysis, 2012, 2, 143-151.	5.3	34
51	Enhancing sensitivity of liquid chromatographic/ion-trap mass spectrometric determination of jasmonic acid by derivatization with N,Nâ€²-dicyclohexylcarbodiimide. Analyst, The, 2012, 137, 5436.	3.5	8
52	A Silica Monolithic Column with Chemically Bonded l-Pipecolic Acid as Chiral Stationary Phase for Enantiomeric Separation of Dansyl Amino Acids by CECâ€“MS. Chromatographia, 2012, 75, 289-296.	1.3	13
53	Development of a liquid chromatographyâ€“mass spectrometry method for the determination of ursolic acid in rat plasma and tissue: Application to the pharmacokinetic and tissue distribution study. Analytical and Bioanalytical Chemistry, 2011, 399, 2877-2884.	3.7	80
54	Validated Method for the Quantification of Atractylenolide III in Different Processed Products of Rhizoma Atractylodes Macrocephalae. Phytochemical Analysis, 2011, 22, 10-13.	2.4	6

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55	Simultaneous determination of vinblastine and its monomeric precursors vindoline and catharanthine in Catharanthus roseus by capillary electrophoresisâ€“mass spectrometry. Journal of Separation Science, 2011, 34, 2885-2892.	2.5	30
56	Identification and quantification of oleanolic acid and ursolic acid in Chinese herbs by liquid chromatography-ion trap mass spectrometry. Biomedical Chromatography, 2011, 25, 1381-1388.	1.7	48
57	Development of a method for comprehensive and quantitative analysis of armillarisin succinate ester in its medicinal preparations by liquid chromatography-ion trap mass spectrometry. Die Pharmazie, 2011, 66, 648-53.	0.5	4
58	Identification of Sinomenine from Sinomenium actum and Its Simultaneous Quantitation by GCâ€“MS and Non-Aqueous CE. Chromatographia, 2010, 71, 447-454.	1.3	11
59	A GCâ€“MS-SIM Simultaneous Determination of Ligustilide and Butylidenephthalide from Ligusticum chuanxiong Using SFE. Chromatographia, 2010, 72, 963-967.	1.3	8
60	Nonaqueous capillary electrophoresis conditions for the simultaneous separation of eight alpha-adrenergic blocking agents. Analytical and Bioanalytical Chemistry, 2010, 398, 937-942.	3.7	11
61	Simultaneous determination of five anti-epilepsy drugs in human plasma using liquid chromatography-mass spectrometry. Science China Chemistry, 2010, 53, 2373-2378.	8.2	3
62	Sensitive Capillary GC-MS-SIM Determination of Atractylenolide I and Atractylenolide III inatractylodes macrocephala. Analytical Letters, 2009, 42, 2547-2555.	1.8	14
63	Identification and quantification of the volatile constituents in Cnidium monnieri using supercritical fluid extraction followed by GCâ€MS. Journal of Separation Science, 2009, 32, 252-257.	2.5	18
64	Identification of volatile compounds of Atractylode lancea Rhizoma using supercritical fluid extraction and GCâ€“MS. Journal of Separation Science, 2009, 32, 3152-3156.	2.5	21
65	Nonaqueous CE for Rapid and Sensitive Determination of Matrine and Oxymatrine in Sophora flavescens and Its Medicinal Preparations. Chromatographia, 2009, 69, 1443-1446.	1.3	15
66	Analysis of yohimbine alkaloid from Pausinystalia yohimbe by nonâ€aqueous capillary electrophoresis and gas chromatographyâ€mass spectrometry. Journal of Separation Science, 2008, 31, 2211-2218.	2.5	34
67	Supercritical fluid extraction for identification and determination of volatile metabolites from Angelica dahurica by GCâ€MS. Journal of Separation Science, 2008, 31, 3218-3224.	2.5	29
68	A capillary gas chromatography-selected ion monitoring mass spectrometry method for the analysis of atractylenolide I in rat plasma and tissues, and application in a pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 863, 215-222.	2.3	28
69	A GC-SIM-MS Method for the Determination of Butylidenephthalide in Rat Plasma and Tissue: Application to the Pharmacokinetic and Tissue Distribution Study. Analytical Letters, 2008, 41, 1975-1987.	1.8	2
70	Development and validation of a gas chromatographyâ€mass spectrometry method for the determination of phenazopyridine in rat plasma: application to the pharmacokinetic study. Biopharmaceutics and Drug Disposition, 2007, 28, 439-444.	1.9	19
71	Development and validation of a gas chromatographyâ€“mass spectrometry method for the determination of isoimperatorin in rat plasma and tissue: Application to the pharmacokinetic and tissue distribution study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 852, 473-478.	2.3	23