

# Qiqin Wang

## List of Publications by Year in descending order

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56  
papers

962  
citations

394421

19  
h-index

552781

26  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Online screening of acetylcholinesterase inhibitors in natural products using monolith-based immobilized capillary enzyme reactors combined with liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1563, 135-143.	3.7	45
2	A headspace sorptive extraction method with magnetic mesoporous titanium dioxide@covalent organic frameworks composite coating for selective determination of trace polychlorinated biphenyls in soils. <i>Journal of Chromatography A</i> , 2018, 1572, 1-8.	3.7	43
3	A solid phase microextraction Arrow with zirconium metal-organic framework/molybdenum disulfide coating coupled with gas chromatography-mass spectrometer for the determination of polycyclic aromatic hydrocarbons in fish samples. <i>Journal of Chromatography A</i> , 2019, 1592, 9-18.	3.7	42
4	Enantioseparation of N-derivatized amino acids by micro-liquid chromatography using carbamoylated quinidine functionalized monolithic stationary phase. <i>Journal of Chromatography A</i> , 2014, 1363, 207-215.	3.7	35
5	Recent advances in preparation and applications of monolithic chiral stationary phases. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 123, 115774.	11.4	34
6	Ultra-high performance liquid chromatography tandem mass spectrometry for the determination of five glycopeptide antibiotics in food and biological samples using solid-phase extraction. <i>Journal of Chromatography A</i> , 2018, 1538, 54-59.	3.7	33
7	Biomimetic Polymer-Based Method for Selective Capture of C-Reactive Protein in Biological Fluids. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 41999-42008.	8.0	29
8	Early apoptosis real-time detection by label-free SERS based on externalized phosphatidylserine. <i>Analyst</i> , 2016, 141, 4293-4298.	3.5	27
9	Hydrophilic polymeric monoliths containing choline phosphate for separation science applications. <i>Analytica Chimica Acta</i> , 2018, 999, 184-189.	5.4	27
10	Magnetic beads-based neuraminidase enzyme microreactor as a drug discovery tool for screening inhibitors from compound libraries and fishing ligands from natural products. <i>Journal of Chromatography A</i> , 2018, 1568, 123-130.	3.7	27
11	Preparation of molecularly imprinted hybrid monoliths for the selective detection of fluoroquinolones in infant formula powders. <i>Journal of Chromatography A</i> , 2019, 1588, 33-40.	3.7	26
12	Rapid screening and identification of monoamine oxidase-A inhibitors from <i>Corydalis Rhizome</i> using enzyme-immobilized magnetic beads based method. <i>Journal of Chromatography A</i> , 2019, 1592, 1-8.	3.7	25
13	Simultaneously responsive microfluidic chip aptasensor for determination of kanamycin, aflatoxin M1, and 17 $\beta$ -estradiol based on magnetic tripartite DNA assembly nanostructure probes. <i>Mikrochimica Acta</i> , 2020, 187, 176.	5.0	25
14	Development of double chain phosphatidylcholine functionalized polymeric monoliths for immobilized artificial membrane chromatography. <i>Journal of Chromatography A</i> , 2017, 1479, 97-106.	3.7	24
15	Magnetic stir bars with hyperbranched aptamer as coating for selective, effective headspace extraction of trace polychlorinated biphenyls in soils. <i>Journal of Chromatography A</i> , 2020, 1614, 460715.	3.7	24
16	Biomimetic small peptide functionalized affinity monoliths for monoclonal antibody purification. <i>Analytica Chimica Acta</i> , 2018, 1017, 57-65.	5.4	23
17	Chiral separation of acidic compounds using an O-9-(tert-butylcarbamoyl)quinidine functionalized monolith in micro-liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1444, 64-73.	3.7	22
18	A facile and efficient single-step approach for the fabrication of vancomycin functionalized polymer-based monolith as chiral stationary phase for nano-liquid chromatography. <i>Journal of Chromatography A</i> , 2018, 1557, 43-50.	3.7	22

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19	Microfluidic chip electrophoresis for simultaneous fluorometric aptasensing of alpha-fetoprotein, carbohydrate antigen 125 and carcinoembryonic antigen by applying a catalytic hairpin assembly. <i>Mikrochimica Acta</i> , 2019, 186, 547.	5.0	22
20	Separation of N-derivatized di- and tri-peptide stereoisomers by micro-liquid chromatography using a quinidine-based monolithic column – Analysis of l-carnosine in dietary supplements. <i>Journal of Chromatography A</i> , 2016, 1428, 176-184.	3.7	20
21	A dual-mode aptasensor for foodborne pathogens detection using Pt, phenylboric acid and ferrocene modified Ti3C2 MXenes nanoprobe. <i>Sensors and Actuators B: Chemical</i> , 2022, 351, 130839.	7.8	20
22	A sandwich-type aptasensor for point-of-care measurements of low-density lipoprotein in plasma based on aptamer-modified MOF and magnetic silica composite probes. <i>Microchemical Journal</i> , 2020, 158, 105288.	4.5	19
23	Preparation and evaluation of a novel monolithic column containing double octadecyl chains for reverse-phase micro high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1345, 174-181.	3.7	18
24	Preparation of a biomimetic polyphosphorylcholine monolithic column for immobilized artificial membrane chromatography. <i>Journal of Chromatography A</i> , 2015, 1407, 176-183.	3.7	18
25	Enantioseparation of N -derivatized amino acids by micro-liquid chromatography/laser induced fluorescence detection using quinidine-based monolithic columns. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 121, 244-252.	2.8	18
26	Portable fluoride-selective electrode as signal transducer for sensitive and selective detection of trace antibiotics in complex samples. <i>Biosensors and Bioelectronics</i> , 2019, 128, 113-121.	10.1	18
27	Anti-fouling poly adenine coating combined with highly specific CD20 epitope mimetic peptide for rituximab detection in clinical patients' plasma. <i>Biosensors and Bioelectronics</i> , 2021, 171, 112678.	10.1	18
28	Preparation and evaluation of 400 $\mu$ m I.D. polymer-based hydrophilic interaction chromatography monolithic columns with high column efficiency. <i>Journal of Chromatography A</i> , 2017, 1509, 83-90.	3.7	17
29	Microchip electrophoresis based multiplexed assay for silver and mercury ions simultaneous detection in complex samples using a stirring bar modified with encoded hairpin probes for specific extraction. <i>Journal of Chromatography A</i> , 2019, 1589, 173-181.	3.7	17
30	Determination of phenolic acids in extra virgin olive oil using supercritical fluid chromatography coupled with single quadrupole mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 157, 217-225.	2.8	16
31	The effect of charged groups on hydrophilic monolithic stationary phases on their chromatographic properties. <i>Journal of Chromatography A</i> , 2016, 1469, 77-87.	3.7	15
32	Comprehensive comparison of ambient mass spectrometry with desorption electrospray ionization and direct analysis in real time for direct sample analysis. <i>Talanta</i> , 2019, 203, 140-146.	5.5	14
33	Fabrication and application of zwitterionic phosphorylcholine functionalized monoliths with different hydrophilic crosslinkers in hydrophilic interaction chromatography. <i>Analytica Chimica Acta</i> , 2020, 1101, 222-229.	5.4	14
34	Surface-enhanced resonance Raman scattering (SERRS) simulates PCR for sensitive DNA detection. <i>Analyst</i> , 2015, 140, 7518-7521.	3.5	13
35	A strategy for screening trypsin inhibitors from traditional Chinese medicine based on a monolithic capillary immobilized enzyme reactor coupled with offline liquid chromatography and mass spectrometry. <i>Journal of Separation Science</i> , 2019, 42, 1980-1989.	2.5	13
36	A universal assay strategy for sensitive and simultaneous quantitation of multiplex tumor markers based on the stirring rod-immobilized DNA-LaMnO <sub>3</sub> perovskite-metal ions encoded probes. <i>Talanta</i> , 2021, 222, 121456.	5.5	13

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37	A novel microfluidic chip and antibody-aptamer based multianalysis method for simultaneous determination of several tumor markers with polymerization nicking reactions for homogenous signal amplification. <i>Microchemical Journal</i> , 2019, 147, 454-462.	4.5	12
38	Rapid fabrication of versatile zwitterionic super-hydrophilic polymers by sole-monomer system for biomolecules separation. <i>Chemical Engineering Journal</i> , 2020, 396, 125121.	12.7	12
39	Phosphatidic acid-functionalized monolithic stationary phase for reversed-phase/cation-exchange mixed mode chromatography. <i>RSC Advances</i> , 2016, 6, 100891-100898.	3.6	10
40	Preparation of an O-[2-(methacryloyloxy)-ethylcarbamoyl]-10,11-dihydroquinidine-silica hybrid monolithic column for the enantioseparation of amino acids by nano-liquid chromatography. <i>Journal of Chromatography A</i> , 2019, 1593, 63-72.	3.7	9
41	Separation of deamidated peptides with mixed-mode chromatography using phospholipid-functionalized monolithic stationary phases. <i>Journal of Chromatography A</i> , 2019, 1603, 417-421.	3.7	9
42	Determination of l-norvaline and l-tryptophan in dietary supplements by nano-LC using an O-[2-(methacryloyloxy)-ethylcarbamoyl]-10,11-dihydroquinidine-silica hybrid monolithic column. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 70-77.	5.3	9
43	On-Site Biolayer Interferometry-Based Biosensing of Carbamazepine in Whole Blood of Epileptic Patients. <i>Biosensors</i> , 2021, 11, 516.	4.7	9
44	Comparison of bracketing calibration and classical calibration curve quantification methods in establishing a candidate reference measurement procedure for human serum $17\beta$ -estradiol by isotope dilution liquid chromatography tandem mass spectrometry. <i>Microchemical Journal</i> , 2020, 152, 104270.	4.5	6
45	Development of histidine-tagged cyclic peptide functionalized monolithic material for the affinity purification of antibodies in biological matrices. <i>Journal of Chromatography A</i> , 2021, 1635, 461707.	3.7	6
46	Multifunctional DNA mediated spatially confined assembly for antibody orientation: Surpassing sensitivity and accuracy for rituximab detection. <i>Chemical Engineering Journal</i> , 2021, 419, 129613.	12.7	6
47	A systematic investigation of the effect of sample solvent on peak shape in nano- and microflow hydrophilic interaction liquid chromatography columns. <i>Journal of Chromatography A</i> , 2021, 1655, 462498.	3.7	6
48	Evaluation of a bracketing calibration-based isotope dilution liquid chromatography-tandem mass spectrometry candidate reference measurement procedure for $17\beta$ -hydroxyprogesterone in human plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7095-7104.	3.7	5
49	Preparation and application of teicoplanin functionalized polymeric monolith for enantioseparation of chiral drugs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 182, 113129.	2.8	5
50	Rapid preparation of 1-vinylimidazole based non-affinity polymers for the highly-selective purification of antibodies from multiple biological sources. <i>Journal of Chromatography A</i> , 2020, 1632, 461607.	3.7	4
51	Phosphatidylethanolamine functionalized biomimetic monolith for immobilized artificial membrane chromatography. <i>Journal of Pharmaceutical Analysis</i> , 2022, 12, 332-338.	5.3	4
52	Preparation and evaluation of tert-leucine derivative functionalized polymeric monoliths for micro-liquid chromatography. <i>Electrophoresis</i> , 2017, 38, 3020-3028.	2.4	3
53	Synthesis and Application of Zwitterionic Magnetic Molecularly Imprinted Polymer for Selective Removal of Fluoroquinolones from Aqueous Solution. <i>Current Analytical Chemistry</i> , 2021, 17, 408-417.	1.2	3
54	Development of zirconium modified adenosine triphosphate functionalized monolith for specific enrichment of N-glycans. <i>Journal of Chromatography A</i> , 2021, 1644, 462090.	3.7	3

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55	Rapid fabrication of zwitterionic sulfobetaine vinylimidazole-based monoliths via photoinitiated copolymerization for hydrophilic interaction chromatography. <i>Journal of Pharmaceutical Analysis</i> , 2022, 12, 783-790.	5.3	3
56	Simultaneous quantification of urea and allantoin in cosmetic products by nano-HPLC using a highly hydrophilic monolith. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 780-785.	1.0	2