

# Lan Zhang

## List of Publications by Citations

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164  
papers

4,150  
citations

36  
h-index

54  
g-index

178  
ext. papers

4,854  
ext. citations

5  
avg, IF

5.64  
L-index

#	Paper	IF	Citations
164	Size-Controllable Synthesis of Uniform Spherical Covalent Organic Frameworks at Room Temperature for Highly Efficient and Selective Enrichment of Hydrophobic Peptides. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 18271-18277	16.4	133
163	Synthesis of magnetic nanoparticles with immobilized aminophenylboronic acid for selective capture of glycoproteins. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 518-524		117
162	One-pot synthesis of an organic-inorganic hybrid affinity monolithic column for specific capture of glycoproteins. <i>Chemical Communications</i> , <b>2011</b> , 47, 9675-7	5.8	105
161	Ultrasensitive electrochemical detection of Pb <sup>2+</sup> based on rolling circle amplification and quantum dots tagging. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 42, 608-11	11.8	96
160	Synthesis of uniformly sized molecularly imprinted polymer-coated silica nanoparticles for selective recognition and enrichment of lysozyme. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 17914		92
159	Metal-organic framework UiO-66 modified magnetite@silica core-shell magnetic microspheres for magnetic solid-phase extraction of domoic acid from shellfish samples. <i>Journal of Chromatography A</i> , <b>2015</b> , 1400, 10-8	4.5	91
158	Target-Induced Horseradish Peroxidase Deactivation for Multicolor Colorimetric Assay of Hydrogen Sulfide in Rat Brain Microdialysis. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 6222-6228	7.8	91
157	Extraction and analysis of auxins in plants using dispersive liquid-liquid microextraction followed by high-performance liquid chromatography with fluorescence detection. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 2763-70	5.7	90
156	Preparation of magnetic metal-organic framework nanocomposites for highly specific separation of histidine-rich proteins. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 2185-2191	7.3	87
155	Prognostic significance of the neutrophil-to-lymphocyte ratio in primary liver cancer: a meta-analysis. <i>PLoS ONE</i> , <b>2014</b> , 9, e96072	3.7	83
154	In situ solvothermal synthesis of metal-organic framework coated fiber for highly sensitive solid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , <b>2016</b> , 1436, 1-8	4.5	78
153	Double-probe signal enhancing strategy for toxin aptasensing based on rolling circle amplification. <i>Biosensors and Bioelectronics</i> , <b>2012</b> , 33, 146-51	11.8	78
152	Analysis of beta-agonists and beta-blockers in urine using hollow fibre-protected liquid-phase microextraction with in situ derivatization followed by gas chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 5340-6	4.5	65
151	Detection of microRNA in clinical tumor samples by isothermal enzyme-free amplification and label-free graphene oxide-based SYBR Green I fluorescence platform. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 65, 152-8	11.8	63
150	Preparation and evaluation of silica-UiO-66 composite as liquid chromatographic stationary phase for fast and efficient separation. <i>Journal of Chromatography A</i> , <b>2014</b> , 1366, 45-53	4.5	63
149	Preparation and evaluation of a phenylboronate affinity monolith for selective capture of glycoproteins by capillary liquid chromatography. <i>Analyst, The</i> , <b>2011</b> , 136, 3281-8	5	61
148	Single-walled carbon nanotubes coated fibers for solid-phase microextraction and gas chromatography-mass spectrometric determination of pesticides in Tea samples. <i>Talanta</i> , <b>2010</b> , 82, 1038-43	6.2	61

147	Click synthesis of glucose-functionalized hydrophilic magnetic mesoporous nanoparticles for highly selective enrichment of glycopeptides and glycans. <i>Journal of Chromatography A</i> , <b>2014</b> , 1358, 29-38	4.5	57
146	Preparation and application of solid-phase microextraction fiber based on molecularly imprinted polymer for determination of anabolic steroids in complicated samples. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 7461-70	4.5	56
145	Stimulus-response mesoporous silica nanoparticle-based chemiluminescence biosensor for cocaine determination. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 75, 8-14	11.8	55
144	Coordination mode engineering in stacked-nanosheet metal-organic frameworks to enhance catalytic reactivity and structural robustness. <i>Nature Communications</i> , <b>2019</b> , 10, 2779	17.4	52
143	Electrospun UiO-66/polyacrylonitrile nanofibers as efficient sorbent for pipette tip solid phase extraction of phytohormones in vegetable samples. <i>Journal of Chromatography A</i> , <b>2018</b> , 1542, 19-27	4.5	50
142	A novel label-free electrochemical sensor for Hg <sup>2+</sup> based on the catalytic formation of metal nanoparticle. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 59, 1-5	11.8	50
141	Moisture stable Ni-Zn MOF/g-CN nanoflowers: A highly efficient adsorbent for solid-phase microextraction of PAHs. <i>Journal of Chromatography A</i> , <b>2018</b> , 1556, 37-46	4.5	49
140	One-pot preparation of a molecularly imprinted hybrid monolithic capillary column for selective recognition and capture of lysozyme. <i>Journal of Chromatography A</i> , <b>2013</b> , 1284, 8-16	4.5	49
139	Separation and determination of levodopa and carbidopa in composite tablets by capillary zone electrophoresis with amperometric detection. <i>Analytica Chimica Acta</i> , <b>2001</b> , 431, 287-292	6.6	49
138	Matrix stiffness-mediated effects on stemness characteristics occurring in HCC cells. <i>Oncotarget</i> , <b>2016</b> , 7, 32221-31	3.3	49
137	One-pot synthesis of CuFeO magnetic nanocrystal clusters for highly specific separation of histidine-rich proteins. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 6207-6214	7.3	47
136	In situ hydrothermal growth of ZnO/g-C <sub>3</sub> N <sub>4</sub> nanoflowers coated solid-phase microextraction fibers coupled with GC-MS for determination of pesticides residues. <i>Analytica Chimica Acta</i> , <b>2016</b> , 934, 122-31	6.6	44
135	One-pot preparation of glutathione-silica hybrid monolith for mixed-mode capillary liquid chromatography based on "thiol-ene" click chemistry. <i>Journal of Chromatography A</i> , <b>2014</b> , 1355, 228-37	4.5	44
134	Effective Extraction of Domoic Acid from Seafood Based on Postsynthetic-Modified Magnetic Zeolite Imidazolate Framework-8 Particles. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 2418-2424	7.8	38
133	Effects of ammonia-N exposure on the concentrations of neurotransmitters, hemocyte intracellular signaling pathways and immune responses in white shrimp <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , <b>2018</b> , 75, 48-57	4.3	37
132	Metal-organic framework-coated stainless steel fiber for solid-phase microextraction of polychlorinated biphenyls. <i>Journal of Chromatography A</i> , <b>2018</b> , 1570, 10-18	4.5	37
131	Identification of HBV-MLL4 Integration and Its Molecular Basis in Chinese Hepatocellular Carcinoma. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123175	3.7	37
130	Analytical approaches for an important shellfish poisoning agent: domoic Acid. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 11525-33	5.7	37

129	Stimulus-response click chemistry based aptamer-functionalized mesoporous silica nanoparticles for fluorescence detection of thrombin. <i>Talanta</i> , <b>2018</b> , 178, 563-568	6.2	36
128	A novel electrochemical sensor for lead ion based on cascade DNA and quantum dots amplification. <i>Electrochimica Acta</i> , <b>2014</b> , 134, 1-7	6.7	36
127	Magnetic porous $\beta$ -cyclodextrin polymer for magnetic solid-phase extraction of microcystins from environmental water samples. <i>Journal of Chromatography A</i> , <b>2017</b> , 1503, 1-11	4.5	35
126	A method by homemade OH/TSO-PMHS fibre solid-phase microextraction coupling with gas chromatography-mass spectrometry for analysis of antiestrogens in biological matrices. <i>Analytica Chimica Acta</i> , <b>2009</b> , 631, 47-53	6.6	35
125	Simultaneous determination of allantoin, choline and L-arginine in Rhizoma Dioscoreae by capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>2004</b> , 1043, 317-21	4.5	35
124	Preparation and evaluation of poly(4-vinylphenylboronic acid-co-pentaerythritol triacrylate) monolithic column for capillary liquid chromatography of small molecules and proteins. <i>Journal of Chromatography A</i> , <b>2012</b> , 1251, 82-90	4.5	34
123	An improved hollow fiber solvent-stir bar microextraction for the preconcentration of anabolic steroids in biological matrix with determination by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1233, 1-7	4.5	34
122	One-pot synthesis of phenylboronic acid-functionalized core-shell magnetic nanoparticles for selective enrichment of glycoproteins. <i>RSC Advances</i> , <b>2012</b> , 2, 5062	3.7	33
121	Label-free immunosensing of microcystin-LR using a gold electrode modified with gold nanoparticles. <i>Mikrochimica Acta</i> , <b>2011</b> , 173, 299-305	5.8	33
120	Dual interfacial modification engineering with p-type NiO nanocrystals for preparing efficient planar perovskite solar cells. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 13034-13042	7.1	33
119	Label free electrochemical sensor for Pb <sup>2+</sup> based on graphene oxide mediated deposition of silver nanoparticles. <i>Electrochimica Acta</i> , <b>2016</b> , 187, 286-292	6.7	32
118	Reverse-phase high performance liquid chromatography separation of positional isomers on a MIL-53(Fe) packed column. <i>RSC Advances</i> , <b>2015</b> , 5, 40094-40102	3.7	31
117	Target-induced formation of gold amalgamation on DNA-based sensing platform for electrochemical monitoring of mercury ion coupling with cycling signal amplification strategy. <i>Analytica Chimica Acta</i> , <b>2014</b> , 810, 10-6	6.6	31
116	Novel multifunctional acceptor phase additive of water-miscible ionic liquid in hollow-fiber protected liquid phase microextraction. <i>Talanta</i> , <b>2012</b> , 88, 43-9	6.2	31
115	Rapid separation and sensitive detection method for beta-blockers by pressure-assisted capillary electrochromatography-electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , <b>2008</b> , 1193, 156-63	4.5	30
114	Enantiomeric separation of chiral dipeptides by CE-ESI-MS employing a partial filling technique with chiral crown ether. <i>Electrophoresis</i> , <b>2009</b> , 30, 2837-44	3.6	29
113	Target-regulated proximity hybridization with three-way DNA junction for in situ enhanced electronic detection of marine biotoxin based on isothermal cycling signal amplification strategy. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 69, 241-8	11.8	28
112	Metal-organic framework-derived nitrogen-doped carbon nanotube cages as efficient adsorbents for solid-phase microextraction of polychlorinated biphenyls. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1095, 99-108	6.6	28

111	An online field-amplification sample stacking method for the determination of $\beta$ -agonists in human urine by CE-ESI/MS. <i>Talanta</i> , <b>2013</b> , 104, 97-102	6.2	27
110	Preparation of phenylboronic acid-silica hybrid monolithic column with one-pot approach for capillary liquid chromatography of biomolecules. <i>Journal of Chromatography A</i> , <b>2013</b> , 1271, 115-23	4.5	27
109	Higher Matrix Stiffness Upregulates Osteopontin Expression in Hepatocellular Carcinoma Cells Mediated by Integrin $\alpha$ 1/GSK3 $\beta$ / $\beta$ -Catenin Signaling Pathway. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134243	3.7	27
108	Separation and determination of protocatechuic aldehyde and protocatechuic acid in Salvia miltorrhrza by capillary electrophoresis with amperometric detection. <i>Analyst, The</i> , <b>2001</b> , 126, 1519-23	5	27
107	A novel sensitive colorimetric sensor for Cu based on in situ formation of fluorescent quantum dots with photocatalytic activity. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 89, 866-870	11.8	26
106	Identification and quantitation of auxins in plants by liquid chromatography/electrospray ionization ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2008</b> , 22, 2565-72	2.2	26
105	An online field-amplification sample stacking method for the determination of diuretics in urine by capillary electrophoresis-amperometric detection. <i>Talanta</i> , <b>2008</b> , 76, 15-20	6.2	25
104	Maintenance of stemness in oxaliplatin-resistant hepatocellular carcinoma is associated with increased autocrine of IGF1. <i>PLoS ONE</i> , <b>2014</b> , 9, e89686	3.7	24
103	A new method for screening and determination of diuretics by on-line CE-ESI-MS. <i>Electrophoresis</i> , <b>2007</b> , 28, 1461-71	3.6	24
102	Magnetic $\beta$ -cyclodextrin polymer with compatible cavity promote the magnetic solid-phase extraction of microcystins in water samples. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1054, 38-46	6.6	23
101	Analysis of plant hormones by microemulsion electrokinetic capillary chromatography coupled with on-line large volume sample stacking. <i>Analyst, The</i> , <b>2012</b> , 137, 1723-9	5	22
100	Analysis of microcystins by capillary zone electrophoresis coupling with electrospray ionization mass spectrometry. <i>Talanta</i> , <b>2010</b> , 82, 1101-6	6.2	22
99	Electrochemiluminescent Behavior of Tris(2,2-bipyridine) Ruthenium(II)/Triethylamine in Ionic Liquid Solution. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 15570-15575	3.8	22
98	Ultrasensitive colorimetric determination of silver(I) based on the peroxidase mimicking activity of a hybrid material composed of graphitic carbon nitride and platinum nanoparticles. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 273	5.8	21
97	Protonated mesoporous graphitic carbon nitride for rapid and highly efficient removal of microcystins. <i>RSC Advances</i> , <b>2015</b> , 5, 45368-45375	3.7	21
96	An improved facile method for extraction and determination of steroidal saponins in Tribulus terrestris by focused microwave-assisted extraction coupled with GC-MS. <i>Journal of Separation Science</i> , <b>2009</b> , 32, 4167-75	3.4	21
95	Simultaneous determination of the active ingredients in composite pseudoephedrine hydrochloride tablets by capillary electrophoresis. <i>Analytica Chimica Acta</i> , <b>2000</b> , 424, 257-262	6.6	21
94	Graphitic carbon nitride derivative with large mesopores as sorbent for solid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Talanta</i> , <b>2020</b> , 209, 120541	6.2	21

93	Determination of diuretics in human urine by hollow fiber-based liquid-liquid-liquid microextraction coupled to high performance liquid chromatography. <i>Analyst, The</i> , <b>2008</b> , 133, 1187-94	5	20
92	Pressure-assisted capillary electrochromatography with electrospray ionization-mass spectrometry based on silica-based monolithic column for rapid analysis of narcotics. <i>Electrophoresis</i> , <b>2008</b> , 29, 936-43 <sup>3,6</sup>	3.6	20
91	Activatable nanoscale metal-organic framework for ratiometric photoacoustic imaging of hydrogen sulfide and orthotopic colorectal cancer in vivo. <i>Science China Chemistry</i> , <b>2020</b> , 63, 1315-1322	7.9	19
90	Separation and determination of peptide hormones by capillary electrophoresis with laser-induced fluorescence coupled with transient pseudo-isotachopheresis preconcentration. <i>Analytical Biochemistry</i> , <b>2008</b> , 380, 297-302	3.1	19
89	Gooseoid promotes the metastasis of hepatocellular carcinoma by modulating the epithelial-mesenchymal transition. <i>PLoS ONE</i> , <b>2014</b> , 9, e109695	3.7	19
88	Simultaneous determination of blockers and agonists by on-fiber derivatization in self-made solid-phase microextraction coating fiber. <i>Talanta</i> , <b>2015</b> , 132, 915-21	6.2	18
87	Separation and determination of L-tryptophan and its metabolites by capillary micellar electrokinetic chromatography with amperometric detection. <i>Electrophoresis</i> , <b>2005</b> , 26, 903-10	3.6	18
86	A label-free fluorescent biosensor for ultratrace detection of terbium (III) based on structural conversion of G-quadruplex DNA mediated by ThT and terbium (III). <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 72, 326-31	11.8	17
85	Simultaneous determination of plant hormones in peach based on dispersive liquid-liquid microextraction coupled with liquid chromatography-ion trap mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2015</b> , 992, 8-13	3.2	17
84	Oxaliplatin and 5-fluorouracil hepatic infusion with lipiodolized chemoembolization in large hepatocellular carcinoma. <i>World Journal of Gastroenterology</i> , <b>2015</b> , 21, 3970-7	5.6	17
83	Lack of AKAP3 disrupts integrity of the subcellular structure and proteome of mouse sperm and causes male sterility. <i>Development (Cambridge)</i> , <b>2020</b> , 147,	6.6	17
82	Functional analysis of the mitochondrial alternative oxidase gene (aox1) from <i>Aspergillus niger</i> CGMCC 10142 and its effects on citric acid production. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 7981-7995	5.7	16
81	A Simple Assay for Ultrasensitive Colorimetric Detection of Ag <sup>+</sup> at Picomolar Levels Using Platinum Nanoparticles. <i>Sensors</i> , <b>2017</b> , 17,	3.8	16
80	Preparation and evaluation of the highly cross-linked poly(1-hexadecane-co-trimethylolpropane trimethacrylate) monolithic column for capillary electrochromatography. <i>Electrophoresis</i> , <b>2009</b> , 30, 3540-7 <sup>6</sup>	3.7	16
79	Ferrite nanospheres-based magnetic solid-phase extraction for determination of domoic acid in seawater samples using high-performance liquid chromatography with tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2016</b> , 1443, 54-61	4.5	16
78	Task-specific solid-phase microextraction based on ionic liquid/polyhedral oligomeric silsesquioxane hybrid coating for sensitive analysis of polycyclic aromatic hydrocarbons by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2019</b> , 1598, 49-57	4.5	15
77	Polydopamine-mediated immobilization of phenylboronic acid on magnetic microspheres for selective enrichment of glycoproteins and glycopeptides. <i>Science China Chemistry</i> , <b>2015</b> , 58, 1056-1064	7.9	15
76	On-line preconcentration and quantitative analysis of peptide hormone of brain and intestine using on-column transient isotachopheresis coupled with capillary electrophoresis/electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2008</b> , 22, 3719-26	2.2	15

75	Opposite Effects of Flexible Single-Stranded DNA Regions and Rigid Loops in DNAzyme on Colloidal Nanoparticle Stability for "Turn-On" Plasmonic Detection of Lead Ions.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 7003-7010	4.1	15
74	Miniaturized photoacoustic probe for imaging of subcutaneous microvessels within human skin. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2019</b> , 9, 807-814	3.6	14
73	Separation of dipeptides with two chiral centers using 2-hydroxypropyl-beta-CD-modified MEKC. <i>Electrophoresis</i> , <b>2010</b> , 31, 1493-7	3.6	14
72	IDO and intra-tumoral neutrophils were independent prognostic factors for overall survival for hepatocellular carcinoma. <i>Journal of Clinical Laboratory Analysis</i> , <b>2019</b> , 33, e22872	3	13
71	Highly sensitive fluorescent sensor for mercury based on hyperbranched rolling circle amplification. <i>Analyst, The</i> , <b>2015</b> , 140, 907-11	5	13
70	Enhancing photovoltaic performance of photoelectrochemical solar cells with nano-sized ultra thin Sb2S3-sensitized layers in photoactive electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2013</b> , 24, 1970-1975	2.1	13
69	Enhanced fluorescence of terbium with thiabendazole and application in determining trace amounts of terbium and thiabendazole. <i>Talanta</i> , <b>2017</b> , 162, 540-546	6.2	13
68	A new method for the analysis of beta(2)-agonists in human urine by pressure-assisted capillary electrochromatography coupled with electrospray ionization-mass spectrometry using a silica-based monolithic column. <i>Talanta</i> , <b>2010</b> , 81, 1655-61	6.2	13
67	Rapid analysis of peptides and amino acids by CE-ESI-MS using chemically modified fused-silica capillaries. <i>Electrophoresis</i> , <b>2009</b> , 30, 2273-9	3.6	13
66	Guanidyl-functionalized polyhedral oligomeric silsesquioxane porous hybrid polymer coating for specific solid phase microextraction of phthalate esters in foodstuff. <i>Chemical Engineering Journal</i> , <b>2020</b> , 386, 124003	14.7	13
65	A novel fluorescent reagent for recognition of triplex DNA with high specificity and selectivity. <i>Analyst, The</i> , <b>2015</b> , 140, 7742-7	5	12
64	Antimicrobial Resistance, Virulence Genes, and Biofilm Formation Capacity Among From Yaks in Aba Tibetan Autonomous Prefecture, China. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 1250	5.7	12
63	Ultrastable nitrogen-doped carbon nanotube encapsulated cobalt nanoparticles for magnetic solid-phase extraction of okadaic acid from aquatic samples. <i>Journal of Chromatography A</i> , <b>2019</b> , 1608, 460404	4.5	12
62	A new mixed micellar electrokinetic chromatography method for analysis of natural and synthetic anabolic steroids. <i>Talanta</i> , <b>2009</b> , 77, 1002-8	6.2	12
61	Electrostacking online sample pre-concentration capillary electrophoresis with amperometric detection for beta2-agonists in human urine. <i>Journal of Separation Science</i> , <b>2008</b> , 31, 3556-64	3.4	12
60	Determination of the hydrolysis rate constants and activation energy of aesculin with capillary electrophoresis end-column amperometric detection. <i>Journal of Chromatography A</i> , <b>2005</b> , 1098, 194-8	4.5	12
59	On-line concentration and pressurized capillary electrochromatography analysis of five $\beta$ -agonists in human urine using a methacrylate monolithic column. <i>Electrophoresis</i> , <b>2015</b> , 36, 2720-2726	3.6	11
58	Determination of stimulants and narcotics as well as their in vitro metabolites by online CE-ESI-MS. <i>Electrophoresis</i> , <b>2011</b> , 32, 472-8	3.6	11

57	Assay of bradykinin metabolites in human body fluids by CE-LIF coupled with transient ITP preconcentration. <i>Electrophoresis</i> , <b>2009</b> , 30, 2300-6	3.6	11
56	A simple capillary electrophoresis with electrochemical detection method for determination of the hydrolysis rate constant of chlorogenic acid. <i>Talanta</i> , <b>2009</b> , 77, 1790-4	6.2	11
55	Chemically Fueled Plasmon Switching of Gold Nanorods by Single-Base Pairing of Surface-Grafted DNA. <i>Langmuir</i> , <b>2019</b> , 35, 11710-11716	4	10
54	Chemical bonding of oxygenated carbon nitride nanosheets onto stainless steel fiber for solid-phase microextraction of phthalic acid esters. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1084, 43-52	6.6	10
53	Analysis of aliphatic amines using head-column field-enhanced sample stacking in MEKC with LIF detection. <i>Electrophoresis</i> , <b>2009</b> , 30, 674-81	3.6	10
52	Simultaneous analysis of endogenetic and ectogenic plant hormones by pressurized capillary electrochromatography. <i>Journal of Separation Science</i> , <b>2010</b> , 33, 651-7	3.4	10
51	Genomic and transcriptome profiling identified both human and HBV genetic variations and their interactions in Chinese hepatocellular carcinoma. <i>Genomics Data</i> , <b>2015</b> , 6, 1-3		9
50	Simultaneous determination of nucleoside and purine compounds in human urine based on a hydrophobic monolithic column using capillary electrochromatography. <i>Electrophoresis</i> , <b>2015</b> , 36, 2727-2735	3.6	9
49	Electrochromatographic characterization of methacrylate ester-based monolith and capillary electrochromatography separation of flavonoids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2010</b> , 878, 2375-8	3.2	9
48	Independent and simultaneous effect of crustacean hyperglycemic hormone and dopamine on the hemocyte intracellular signaling pathways and immune responses in white shrimp <i>Litopenaeus vannamei</i> . <i>Fish and Shellfish Immunology</i> , <b>2018</b> , 83, 262-271	4.3	9
47	Enzyme-free amplified detection of microRNA using target-catalyzed hairpin assembly and magnesium ion-dependent deoxyribozyme. <i>Science China Chemistry</i> , <b>2015</b> , 58, 1906-1911	7.9	8
46	Establishing Interfacial Charge-Transfer Transitions on Ferroelectric Perovskites: An Efficient Route for Photoelectrochemical Bioanalysis. <i>ACS Sensors</i> , <b>2020</b> , 5, 3827-3832	9.2	8
45	Aldehyde dehydrogenase 1A1 up-regulates stem cell markers in benzo[a]pyrene-induced malignant transformation of BEAS-2B cells. <i>Environmental Toxicology and Pharmacology</i> , <b>2016</b> , 45, 241-50	5.8	8
44	A functional polymorphism in the 3SUTR of PXR interacts with smoking to increase lung cancer risk in southern and eastern Chinese smoker. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 17457-68	6.3	8
43	pCEC coupling with ESI-MS for the analysis of beta(2)-agonists and narcotics using a poly-(1-hexadecene-co-TMPTMA) monolithic column. <i>Electrophoresis</i> , <b>2010</b> , 31, 1991-7	3.6	8
42	4D printing of PLA/PCL shape memory composites with controllable sequential deformation. <i>Bio-Design and Manufacturing</i> , <b>2021</b> , 4, 867-878	4.7	8
41	Room-temperature controllable synthesis of hierarchically flower-like hollow covalent organic frameworks for brain natriuretic peptide enrichment. <i>Chemical Communications</i> , <b>2021</b> , 57, 7362-7365	5.8	8
40	In-situ mechanical test of dragonfly wing veins and their crack arrest behavior. <i>Micron</i> , <b>2018</b> , 110, 67-72	2.3	7



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38	Polymorphisms of NFB1 and IB1 and Their Synergistic Effect on Nasopharyngeal Carcinoma Susceptibility. <i>BioMed Research International</i> , <b>2015</b> , 2015, 362542	3	7
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36	Analysis of nucleosides and nucleobases by microemulsion electrokinetic capillary chromatography coupled with field-amplified sample injection. <i>Analytical Methods</i> , <b>2015</b> , 7, 2603-2610	3.2	6
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25	Facile mechanochemistry synthesis of magnetic covalent organic framework composites for efficient extraction of microcystins in lake water samples. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1166, 338539	6.6	5
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17	Upregulation of long noncoding RNA promotes tumor metastasis and predicts poor prognosis in lung cancer. <i>Annals of Translational Medicine</i> , <b>2020</b> , 8, 582	3.2	3
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15	Hepatitis B surface antigen predicts recurrence after radiofrequency ablation in patients with low hepatitis B virus loads. <i>Medicine (United States)</i> , <b>2017</b> , 96, e9377	1.8	3
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