

Lan Zhang

List of Publications by Year in descending order

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169
papers

5,522
citations

76196

40
h-index

118652

62
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178
all docs

178
docs citations

178
times ranked

6444
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2019, 141, 18271-18277.	6.6	305
2	Synthesis of magnetic nanoparticles with immobilized aminophenylboronic acid for selective capture of glycoproteins. <i>Journal of Materials Chemistry</i> , 2011, 21, 518-524.	6.7	122
3	Target-Induced Horseradish Peroxidase Deactivation for Multicolor Colorimetric Assay of Hydrogen Sulfide in Rat Brain Microdialysis. <i>Analytical Chemistry</i> , 2018, 90, 6222-6228.	3.2	120
4	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> , 2015, 1400, 10-18.	1.8	109
5	One-pot synthesis of an organic-inorganic hybrid affinity monolithic column for specific capture of glycoproteins. <i>Chemical Communications</i> , 2011, 47, 9675.	2.2	108
6	Ultrasensitive electrochemical detection of Pb ²⁺ based on rolling circle amplification and quantum dot tagging. <i>Biosensors and Bioelectronics</i> , 2013, 42, 608-611.	5.3	104
7	Prognostic Significance of the Neutrophil-to-Lymphocyte Ratio in Primary Liver Cancer: A Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e96072.	1.1	101
8	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> , 2010, 58, 2763-2770.	2.4	100
9	Preparation of metal-organic framework nanocomposites for highly specific separation of histidine-rich proteins. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2185-2191.	2.9	100
10	Synthesis of uniformly sized molecularly imprinted polymer-coated silica nanoparticles for selective recognition and enrichment of lysozyme. <i>Journal of Materials Chemistry</i> , 2012, 22, 17914.	6.7	99
11	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> , 2016, 1436, 1-8.	1.8	91
12	Double-probe signal enhancing strategy for toxin aptasensing based on rolling circle amplification. <i>Biosensors and Bioelectronics</i> , 2012, 33, 146-151.	5.3	89
13	Coordination mode engineering in stacked-nanosheet metal-organic frameworks to enhance catalytic reactivity and structural robustness. <i>Nature Communications</i> , 2019, 10, 2779.	5.8	89
14	Matrix stiffness-mediated effects on stemness characteristics occurring in HCC cells. <i>Oncotarget</i> , 2016, 7, 32221-32231.	0.8	81
15	Preparation and evaluation of silica-UiO-66 composite as liquid chromatographic stationary phase for fast and efficient separation. <i>Journal of Chromatography A</i> , 2014, 1366, 45-53.	1.8	77
16	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> , 2018, 1542, 19-27.	1.8	76
17	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> , 2015, 65, 152-158.	5.3	70
18	Stimulus-response mesoporous silica nanoparticle-based chemiluminescence biosensor for cocaine determination. <i>Biosensors and Bioelectronics</i> , 2016, 75, 8-14.	5.3	69

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19	Analysis of β -agonists and β -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> , 2009, 1216, 5340-5346.	1.8	67
20	Single-walled carbon nanotubes coated fibers for solid-phase microextraction and gas chromatography-mass spectrometric determination of pesticides in Tea samples. <i>Talanta</i> , 2010, 82, 1038-1043.	2.9	67
21	Moisture stable Ni-Zn MOF/g-C ₃ N ₄ nanoflowers: A highly efficient adsorbent for solid-phase microextraction of PAHs. <i>Journal of Chromatography A</i> , 2018, 1556, 37-46.	1.8	66
22	Separation and determination of levodopa and carbidopa in composite tablets by capillary zone electrophoresis with amperometric detection. <i>Analytica Chimica Acta</i> , 2001, 431, 287-292.	2.6	63
23	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> , 2010, 1217, 7461-7470.	1.8	61
24	Preparation and evaluation of a phenylboronate affinity monolith for selective capture of glycoproteins by capillary liquid chromatography. <i>Analyst</i> , The, 2011, 136, 3281.	1.7	61
25	Click synthesis of glucose-functionalized hydrophilic magnetic mesoporous nanoparticles for highly selective enrichment of glycopeptides and glycans. <i>Journal of Chromatography A</i> , 2014, 1358, 29-38.	1.8	59
26	In situ hydrothermal growth of ZnO/g-C ₃ N ₄ nanoflowers coated solid-phase microextraction fibers coupled with GC-MS for determination of pesticides residues. <i>Analytica Chimica Acta</i> , 2016, 934, 122-131.	2.6	59
27	One-pot synthesis of CuFe ₂ O ₄ magnetic nanocrystal clusters for highly specific separation of histidine-rich proteins. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6207-6214.	2.9	57
28	Identification of HBV-MLL4 Integration and Its Molecular Basis in Chinese Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2015, 10, e0123175.	1.1	57
29	A novel label-free electrochemical sensor for Hg ²⁺ based on the catalytic formation of metal nanoparticle. <i>Biosensors and Bioelectronics</i> , 2014, 59, 1-5.	5.3	55
30	Effective Extraction of Domoic Acid from Seafood Based on Postsynthetic-Modified Magnetic Zeolite Imidazolate Framework-8 Particles. <i>Analytical Chemistry</i> , 2019, 91, 2418-2424.	3.2	53
31	Metal-organic framework-coated stainless steel fiber for solid-phase microextraction of polychlorinated biphenyls. <i>Journal of Chromatography A</i> , 2018, 1570, 10-18.	1.8	52
32	One-pot preparation of a molecularly imprinted hybrid monolithic capillary column for selective recognition and capture of lysozyme. <i>Journal of Chromatography A</i> , 2013, 1284, 8-16.	1.8	51
33	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> , 2018, 75, 48-57.	1.6	50
34	One-pot preparation of glutathione-silica hybrid monolith for mixed-mode capillary liquid chromatography based on α -thiol-ene-click chemistry. <i>Journal of Chromatography A</i> , 2014, 1355, 228-237.	1.8	48
35	4D printing of PLA/PCL shape memory composites with controllable sequential deformation. <i>Bio-Design and Manufacturing</i> , 2021, 4, 867-878.	3.9	47
36	Metal-organic framework-derived nitrogen-doped carbon nanotube cages as efficient adsorbents for solid-phase microextraction of polychlorinated biphenyls. <i>Analytica Chimica Acta</i> , 2020, 1095, 99-108.	2.6	46

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37	Stimulus-response click chemistry based aptamer-functionalized mesoporous silica nanoparticles for fluorescence detection of thrombin. <i>Talanta</i> , 2018, 178, 563-568.	2.9	45
38	Simultaneous determination of allantoin, choline and l-arginine in <i>Rhizoma Dioscoreae</i> by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2004, 1043, 317-321.	1.8	42
39	Higher Matrix Stiffness Upregulates Osteopontin Expression in Hepatocellular Carcinoma Cells Mediated by Integrin $\beta 1$ /GSK3 β / β -Catenin Signaling Pathway. <i>PLoS ONE</i> , 2015, 10, e0134243.	1.1	42
40	Analytical Approaches for an Important Shellfish Poisoning Agent: Domoic Acid. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 11525-11533.	2.4	41
41	Magnetic porous β -cyclodextrin polymer for magnetic solid-phase extraction of microcystins from environmental water samples. <i>Journal of Chromatography A</i> , 2017, 1503, 1-11.	1.8	41
42	Lack of AKAP3 disrupts integrity of the subcellular structure and proteome of mouse sperm and causes male sterility. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	41
43	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> , 2009, 631, 47-53.	2.6	40
44	Label free electrochemical sensor for Pb ²⁺ based on graphene oxide mediated deposition of silver nanoparticles. <i>Electrochimica Acta</i> , 2016, 187, 286-292.	2.6	40
45	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> , 2012, 1233, 1-7.	1.8	39
46	Reverse-phase high performance liquid chromatography separation of positional isomers on a MIL-53(Fe) packed column. <i>RSC Advances</i> , 2015, 5, 40094-40102.	1.7	39
47	A novel electrochemical sensor for lead ion based on cascade DNA and quantum dots amplification. <i>Electrochimica Acta</i> , 2014, 134, 1-7.	2.6	38
48	Label-free immunosensing of microcystin-LR using a gold electrode modified with gold nanoparticles. <i>Mikrochimica Acta</i> , 2011, 173, 299-305.	2.5	37
49	Dual interfacial modification engineering with p-type NiO nanocrystals for preparing efficient planar perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2018, 6, 13034-13042.	2.7	37
50	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> , 2012, 1251, 82-90.	1.8	36
51	Rapid separation and sensitive detection method for β -blockers by pressure-assisted capillary electrochromatography-electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1193, 156-163.	1.8	34
52	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> , 2014, 810, 10-16.	2.6	34
53	Room-temperature controllable synthesis of hierarchically flower-like hollow covalent organic frameworks for brain natriuretic peptide enrichment. <i>Chemical Communications</i> , 2021, 57, 7362-7365.	2.2	34
54	Separation and determination of protocatechuic aldehyde and protocatechuic acid in <i>Salvia miltorrhrza</i> by capillary electrophoresis with amperometric detection. <i>Analyst, The</i> , 2001, 126, 1519-1523.	1.7	33

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55	One-pot synthesis of phenylboronic acid-functionalized core-shell magnetic nanoparticles for selective enrichment of glycoproteins. <i>RSC Advances</i> , 2012, 2, 5062.	1.7	33
56	Maintenance of Stemness in Oxaliplatin-Resistant Hepatocellular Carcinoma Is Associated with Increased Autocrine of IGF1. <i>PLoS ONE</i> , 2014, 9, e89686.	1.1	33
57	Novel multifunctional acceptor phase additive of water-miscible ionic liquid in hollow-fiber protected liquid phase microextraction. <i>Talanta</i> , 2012, 88, 43-49.	2.9	32
58	Magnetic β -cyclodextrin polymer with compatible cavity promote the magnetic solid-phase extraction of microcystins in water samples. <i>Analytica Chimica Acta</i> , 2019, 1054, 38-46.	2.6	32
59	Simultaneous determination of the active ingredients in composite pseudoephedrine hydrochloride tablets by capillary electrophoresis. <i>Analytica Chimica Acta</i> , 2000, 424, 257-262.	2.6	31
60	Enantiomeric separation of chiral dipeptides by CE-ESI-MS employing a partial filling technique with chiral crown ether. <i>Electrophoresis</i> , 2009, 30, 2837-2844.	1.3	31
61	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> , 2015, 69, 241-248.	5.3	31
62	Guanidyl-functionalized polyhedral oligomeric silsesquioxane porous hybrid polymer coating for specific solid phase microextraction of phthalate esters in foodstuff. <i>Chemical Engineering Journal</i> , 2020, 386, 124003.	6.6	31
63	Activatable nanoscale metal-organic framework for ratiometric photoacoustic imaging of hydrogen sulfide and orthotopic colorectal cancer in vivo. <i>Science China Chemistry</i> , 2020, 63, 1315-1322.	4.2	31
64	Identification and quantitation of auxins in plants by liquid chromatography/electrospray ionization ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 2565-2572.	0.7	30
65	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> , 2018, 185, 273.	2.5	30
66	Antimicrobial Resistance, Virulence Genes, and Biofilm Formation Capacity Among <i>Enterococcus</i> species From Yaks in Aba Tibetan Autonomous Prefecture, China. <i>Frontiers in Microbiology</i> , 2020, 11, 1250.	1.5	30
67	An online field-amplification sample stacking method for the determination of diuretics in urine by capillary electrophoresis-amperometric detection. <i>Talanta</i> , 2008, 76, 15-20.	2.9	29
68	An online field-amplification sample stacking method for the determination of β -agonists in human urine by CE-ESI/MS. <i>Talanta</i> , 2013, 104, 97-102.	2.9	29
69	Preparation of phenylboronic acid-silica hybrid monolithic column with one-pot approach for capillary liquid chromatography of biomolecules. <i>Journal of Chromatography A</i> , 2013, 1271, 115-123.	1.8	29
70	A novel sensitive colorimetric sensor for Cu ²⁺ based on in situ formation of fluorescent quantum dots with photocatalytic activity. <i>Biosensors and Bioelectronics</i> , 2017, 89, 866-870.	5.3	29
71	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> , 2020, 3, 7003-7010.	2.3	29
72	A new method for screening and determination of diuretics by on-line CE-ESI-MS. <i>Electrophoresis</i> , 2007, 28, 1461-1471.	1.3	28

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73	Functional analysis of the mitochondrial alternative oxidase gene (<i>aox1</i>) from <i>Aspergillus niger</i> CGMCC 10142 and its effects on citric acid production. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7981-7995.	1.7	28
74	Graphitic carbon nitride derivative with large mesopores as sorbent for solid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Talanta</i> , 2020, 209, 120541.	2.9	28
75	Electrochemiluminescent Behavior of Tris(2,2-bipyridine) Ruthenium(II)/Triethylamine in Ionic Liquid Solution. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15570-15575.	1.5	27
76	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> , 2019, 1608, 460404.	1.8	27
77	Goosecoid Promotes the Metastasis of Hepatocellular Carcinoma by Modulating the Epithelial-Mesenchymal Transition. <i>PLoS ONE</i> , 2014, 9, e109695.	1.1	27
78	An improved facile method for extraction and determination of steroidal saponins in <i>Tribulus terrestris</i> by focused microwave-assisted extraction coupled with GC-MS. <i>Journal of Separation Science</i> , 2009, 32, 4167-4175.	1.3	26
79	Analysis of microcystins by capillary zone electrophoresis coupling with electrospray ionization mass spectrometry. <i>Talanta</i> , 2010, 82, 1101-1106.	2.9	26
80	Pressure-assisted capillary electrochromatography with electrospray ionization-mass spectrometry based on silica-based monolithic column for rapid analysis of narcotics. <i>Electrophoresis</i> , 2008, 29, 936-943.	1.3	25
81	Determination of diuretics in human urine by hollow fiber-based liquid-liquid microextraction coupled to high performance liquid chromatography. <i>Analyst, The</i> , 2008, 133, 1187.	1.7	23
82	Analysis of plant hormones by microemulsion electrokinetic capillary chromatography coupled with on-line large volume sample stacking. <i>Analyst, The</i> , 2012, 137, 1723.	1.7	23
83	Protonated mesoporous graphitic carbon nitride for rapid and highly efficient removal of microcystins. <i>RSC Advances</i> , 2015, 5, 45368-45375.	1.7	23
84	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> , 2015, 992, 8-13.	1.2	23
85	Enhanced fluorescence of terbium with thiabendazole and application in determining trace amounts of terbium and thiabendazole. <i>Talanta</i> , 2017, 162, 540-546.	2.9	23
86	A Simple Assay for Ultrasensitive Colorimetric Detection of Ag ⁺ at Picomolar Levels Using Platinum Nanoparticles. <i>Sensors</i> , 2017, 17, 2521.	2.1	23
87	Phthalide and 1-octadecane Synergistic Optimization for Highly Efficient and Stable Perovskite Solar Cells. <i>Small</i> , 2021, 17, e2103336.	5.2	23
88	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> , 2016, 1443, 54-61.	1.8	22
89	In situ fabrication of nitrogen doped graphitic carbon networks coating for high-performance extraction of pyrethroid pesticides. <i>Talanta</i> , 2021, 233, 122542.	2.9	22
90	Simultaneous determination of blockers and agonists by on-fiber derivatization in self-made solid-phase microextraction coating fiber. <i>Talanta</i> , 2015, 132, 915-921.	2.9	21

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91	In-situ fabrication of a chlorine-functionalized covalent organic framework coating for solid-phase microextraction of polychlorinated biphenyls in surface water. <i>Analytica Chimica Acta</i> , 2021, 1186, 339120.	2.6	21
92	Separation and determination of L-tryptophan and its metabolites by capillary micellar electrokinetic chromatography with amperometric detection. <i>Electrophoresis</i> , 2005, 26, 903-910.	1.3	20
93	Miniaturized photoacoustic probe for in vivo imaging of subcutaneous microvessels within human skin. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 807-807.	1.1	20
94	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> , 2019, 1598, 49-57.	1.8	20
95	Facile mechanochemistry synthesis of magnetic covalent organic framework composites for efficient extraction of microcystins in lake water samples. <i>Analytica Chimica Acta</i> , 2021, 1166, 338539.	2.6	20
96	In situ room-temperature rapidly fabricated imine-linked covalent organic framework coated fibers for efficient solid-phase microextraction of pyrethroids. <i>Analytica Chimica Acta</i> , 2021, 1181, 338886.	2.6	20
97	Separation and determination of peptide hormones by capillary electrophoresis with laser-induced fluorescence coupled with transient pseudo-isotachopheresis preconcentration. <i>Analytical Biochemistry</i> , 2008, 380, 297-302.	1.1	19
98	Oxaliplatin and 5-fluorouracil hepatic infusion with lipiodolized chemoembolization in large hepatocellular carcinoma. <i>World Journal of Gastroenterology</i> , 2015, 21, 3970.	1.4	19
99	Chemical bonding of oxygenated carbon nitride nanosheets onto stainless steel fiber for solid-phase microextraction of phthalic acid esters. <i>Analytica Chimica Acta</i> , 2019, 1084, 43-52.	2.6	19
100	Rapidly covalent immobilization of β -ketoenamine-linked covalent organic framework on fibers for efficient solid-phase microextraction of phthalic acid esters. <i>Talanta</i> , 2022, 243, 123380.	2.9	19
101	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> , 2008, 22, 3719-3726.	0.7	18
102	Separation of dipeptides with two chiral centers using 2-hydroxypropyl- β -CD-modified MEKC. <i>Electrophoresis</i> , 2010, 31, 1493-1497.	1.3	18
103	Preparation and evaluation of the highly cross-linked poly(1-hexadecane-co-trimethylolpropane) Tj ETQq1 1 0.784314 rgBT /O 3540-3547.	1.3	17
104	A label-free fluorescent biosensor for ultratrace detection of terbium (Tb^{3+}) based on structural conversion of G-quadruplex DNA mediated by ThT and terbium (Tb^{3+}). <i>Biosensors and Bioelectronics</i> , 2015, 72, 326-331.	5.3	17
105	Rapid analysis of peptides and amino acids by CE-ESI-MS using chemically modified fused-silica capillaries. <i>Electrophoresis</i> , 2009, 30, 2273-2279.	1.3	16
106	A simple capillary electrophoresis with electrochemical detection method for determination of the hydrolysis rate constant of chlorogenic acid. <i>Talanta</i> , 2009, 77, 1790-1794.	2.9	16
107	Enhancing photovoltaic performance of photoelectrochemical solar cells with nano-sized ultra thin Sb ₂ S ₃ -sensitized layers in photoactive electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 1970-1975.	1.1	16
108	Polydopamine-mediated immobilization of phenylboronic acid on magnetic microspheres for selective enrichment of glycoproteins and glycopeptides. <i>Science China Chemistry</i> , 2015, 58, 1056-1064.	4.2	16

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109	In-situ mechanical test of dragonfly wing veins and their crack arrest behavior. <i>Micron</i> , 2018, 110, 67-72.	1.1	16
110	Chemically Fueled Plasmon Switching of Gold Nanorods by Single-Base Pairing of Surface-Grafted DNA. <i>Langmuir</i> , 2019, 35, 11710-11716.	1.6	16
111	IDO and intra-tumoral neutrophils were independent prognostic factors for overall survival for hepatocellular carcinoma. <i>Journal of Clinical Laboratory Analysis</i> , 2019, 33, e22872.	0.9	16
112	Enhanced photovoltage and stability of perovskite photovoltaics enabled by a cyclohexylmethylammonium iodide-based 2D perovskite passivation layer. <i>Nanoscale</i> , 2021, 13, 14915-14924.	2.8	16
113	Hepatic Arterial Infusion Chemotherapy with Modified FOLFOX as an Alternative Treatment Option in Advanced Hepatocellular Carcinoma Patients with Failed or Unsuitability for Transarterial Chemoembolization. <i>Academic Radiology</i> , 2021, 28, S157-S166.	1.3	16
114	Determination of the hydrolysis rate constants and activation energy of aesculin with capillary electrophoresis end-column amperometric detection. <i>Journal of Chromatography A</i> , 2005, 1098, 194-198.	1.8	15
115	A new mixed micellar electrokinetic chromatography method for analysis of natural and synthetic anabolic steroids. <i>Talanta</i> , 2009, 77, 1002-1008.	2.9	15
116	HFM spread spectrum modulation scheme in shallow water acoustic channels. , 2012, , .		15
117	Highly sensitive fluorescent sensor for mercury based on hyperbranched rolling circle amplification. <i>Analyst</i> , The, 2015, 140, 907-911.	1.7	15
118	Establishing Interfacial Charge-Transfer Transitions on Ferroelectric Perovskites: An Efficient Route for Photoelectrochemical Bioanalysis. <i>ACS Sensors</i> , 2020, 5, 3827-3832.	4.0	15
119	Chemical Redox-Modulated Etching of Plasmonic Nanoparticles for Nitrite Detection: Comparison Among Gold Nanosphere, Nanorod, and Nanotriangle. <i>Journal of Analysis and Testing</i> , 2021, 5, 350-359.	2.5	15
120	A new method for the analysis of β -agonists in human urine by pressure-assisted capillary electrochromatography coupled with electrospray ionization-mass spectrometry using a silica-based monolithic column. <i>Talanta</i> , 2010, 81, 1655-1661.	2.9	14
121	A novel fluorescent reagent for recognition of triplex DNA with high specificity and selectivity. <i>Analyst</i> , The, 2015, 140, 7742-7747.	1.7	14
122	Colorimetric determination of mercury(II) ion based on DNA-assisted amalgamation: a comparison study on gold, silver and Ag@Au Nanoplates. <i>Mikrochimica Acta</i> , 2019, 186, 713.	2.5	14
123	Long noncoding RNA PANDAR inhibits the development of lung cancer by regulating autophagy and apoptosis pathways. <i>Journal of Cancer</i> , 2020, 11, 4783-4790.	1.2	14
124	Copper(II) ions-immobilized virus-like hollow covalent organic frameworks for highly efficient capture and sensitive analysis of amyloid beta-peptide 1-42 by MALDI-MS. <i>Chinese Chemical Letters</i> , 2022, 33, 5174-5179.	4.8	14
125	Electrostacking online sample pre-concentration capillary electrophoresis with amperometric detection for β -agonists in human urine. <i>Journal of Separation Science</i> , 2008, 31, 3556-3564.	1.3	12
126	Assay of bradykinin metabolites in human body fluids by CE-LIF coupled with transient ITP preconcentration. <i>Electrophoresis</i> , 2009, 30, 2300-2306.	1.3	12

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127	Determination of stimulants and narcotics as well as their in vitro metabolites by online CE-ESI-MS. Electrophoresis, 2011, 32, 472-478.	1.3	12
128	Genomic and transcriptome profiling identified both human and HBV genetic variations and their interactions in Chinese hepatocellular carcinoma. Genomics Data, 2015, 6, 1-3.	1.3	12
129	Oxygenated carbon nanotubes cages coated solid-phase microextraction fiber for selective extraction of migrated aromatic amines from food contact materials. Journal of Chromatography A, 2021, 1646, 462031.	1.8	12
130	A Functional Polymorphism in the 3'-UTR of PXR Interacts with Smoking to Increase Lung Cancer Risk in Southern and Eastern Chinese Smoker. International Journal of Molecular Sciences, 2014, 15, 17457-17468.	1.8	11
131	Online concentration and pressurized capillary electrochromatography analysis of five agonists in human urine using a methacrylate monolithic column. Electrophoresis, 2015, 36, 2720-2726.	1.3	11
132	Enzyme-free amplified detection of microRNA using target-catalyzed hairpin assembly and magnesium ion-dependent deoxyribozyme. Science China Chemistry, 2015, 58, 1906-1911.	4.2	11
133	Aldehyde dehydrogenase 1A1 up-regulates stem cell markers in benzo[a]pyrene-induced malignant transformation of BEAS-2B cells. Environmental Toxicology and Pharmacology, 2016, 45, 241-250.	2.0	11
134	Independent and simultaneous effect of crustacean hyperglycemic hormone and dopamine on the hemocyte intracellular signaling pathways and immune responses in white shrimp Litopenaeus vannamei. Fish and Shellfish Immunology, 2018, 83, 262-271.	1.6	11
135	Preparation and application of molecularly imprinted polymer solid-phase microextraction fiber for the selective analysis of auxins in tobacco 1. Journal of Separation Science, 2019, 42, 2687-2695.	1.3	11
136	Effects of biogenic amines on the immune response and immunoregulation mechanism in hemocytes of Litopenaeus vannamei in vitro. Molecular Immunology, 2020, 128, 1-9.	1.0	11
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