

Lan Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Hollow zirconium-porphyrin-based metal-organic framework for efficient solid-phase microextraction of naphthols.. <i>Analytica Chimica Acta</i> , 2022 , 1200, 339586	6.6	2
163	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	6.2	1
162	In situ hydrothermal growth of metal-organic gels coating for efficient solid-phase microextraction of pesticide residues. <i>Talanta Open</i> , 2021 , 4, 100077	5.6	0
161	Phthalide and 1-Iodooctadecane Synergistic Optimization for Highly Efficient and Stable Perovskite Solar Cells. <i>Small</i> , 2021 , e2103336	11	4
160	Oxygenated carbon nanotubes cages coated solid-phase microextraction fiber for selective extraction of migrated aromatic amines from food contact materials. <i>Journal of Chromatography A</i> , 2021 , 1646, 462031	4.5	5
159	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	6.6	5
158	4D printing of PLA/PCL shape memory composites with controllable sequential deformation. <i>Bio-Design and Manufacturing</i> , 2021 , 4, 867-878	4.7	8
157	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	5.8	8
156	Enhanced photovoltage and stability of perovskite photovoltaics enabled by a cyclohexylmethylammonium iodide-based 2D perovskite passivation layer. <i>Nanoscale</i> , 2021 , 13, 14915-14924	7.7	6
155	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 Suppl 1, S157-S166	4.3	2
154	Genetic and pathogenic characterization of a novel recombinant avian infectious bronchitis virus derived from GI-1, GI-13, GI-28, and GI-19 strains in Southwestern China. <i>Poultry Science</i> , 2021 , 100, 101210	3.0	1
153	In situ fabrication of nitrogen doped graphitic carbon networks coating for high-performance extraction of pyrethroid pesticides. <i>Talanta</i> , 2021 , 233, 122542	6.2	6
152	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	6.6	4
151	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	6.6	5
150	Identification and analysis of long non-coding RNAs and mRNAs in chicken macrophages infected with avian infectious bronchitis coronavirus. <i>BMC Genomics</i> , 2021 , 22, 67	4.5	3
149	Establishing Interfacial Charge-Transfer Transitions on Ferroelectric Perovskites: An Efficient Route for Photoelectrochemical Bioanalysis. <i>ACS Sensors</i> , 2020 , 5, 3827-3832	9.2	8
148	Antimicrobial Resistance, Virulence Genes, and Biofilm Formation Capacity Among From Yaks in Abo Tibetan Autonomous Prefecture, China. <i>Frontiers in Microbiology</i> , 2020 , 11, 1250	5.7	12

147	Upregulation of long noncoding RNA promotes tumor metastasis and predicts poor prognosis in lung cancer. <i>Annals of Translational Medicine</i> , 2020 , 8, 582	3.2	3
146	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	7.9	19
145	A fish scale-like magnetic nanomaterial as a highly efficient sorbent for monitoring the changes in auxin levels under cadmium stress. <i>Analyst, The</i> , 2020 , 145, 5925-5932	5	2
144	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	4.5	5
143	Lack of AKAP3 disrupts integrity of the subcellular structure and proteome of mouse sperm and causes male sterility. <i>Development (Cambridge)</i> , 2020 , 147,	6.6	17
142	Upregulated LncZBTB39 in pre-eclampsia and its effects on trophoblast invasion and migration via antagonizing the inhibition of miR-210 on THSD7A expression. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2020 , 248, 164-171	2.4	3
141	Graphitic carbon nitride derivative with large mesopores as sorbent for solid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Talanta</i> , 2020 , 209, 120541	6.2	21
140	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	14.7	13
139	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	4.1	15
138	Effects of biogenic amines on the immune response and immunoregulation mechanism in hemocytes of <i>Litopenaeus vannamei</i> in vitro. <i>Molecular Immunology</i> , 2020 , 128, 1-9	4.3	6
137	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	6.6	28
136	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	16.4	133
135	Coordination mode engineering in stacked-nanosheet metal-organic frameworks to enhance catalytic reactivity and structural robustness. <i>Nature Communications</i> , 2019 , 10, 2779	17.4	52
134	Preparation and application of molecularly imprinted polymer solid-phase microextraction fiber for the selective analysis of auxins in tobacco. <i>Journal of Separation Science</i> , 2019 , 42, 2687-2695	3.4	4
133	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	3	13
132	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	4.5	15
131	Chemically Fueled Plasmon Switching of Gold Nanorods by Single-Base Pairing of Surface-Grafted DNA. <i>Langmuir</i> , 2019 , 35, 11710-11716	4	10
130	Surgical Resection plus Radiofrequency Ablation versus Radical Surgery for Hepatocellular Carcinoma: A Propensity Score Matching Analysis. <i>Journal of Cancer</i> , 2019 , 10, 3933-3940	4.5	3

129	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	4.5	12
128	Miniaturized photoacoustic probe for imaging of subcutaneous microvessels within human skin. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019 , 9, 807-814	3.6	14
127	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	6.6	10
126	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	5.8	5
125	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	6.6	23
124	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	7.8	38
123	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	4.5	50
122	Target-Induced Horseradish Peroxidase Deactivation for Multicolor Colorimetric Assay of Hydrogen Sulfide in Rat Brain Microdialysis. <i>Analytical Chemistry</i> , 2018 , 90, 6222-6228	7.8	91
121	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	4.3	37
120	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	5.8	21
119	Moisture stable Ni-Zn MOF/g-CN nanoflowers: A highly efficient adsorbent for solid-phase microextraction of PAHs. <i>Journal of Chromatography A</i> , 2018 , 1556, 37-46	4.5	49
118	Antiepileptic effect of uridine may be caused by regulating dopamine release and receptor expression in corpus striatum. <i>Brain Research</i> , 2018 , 1688, 47-53	3.7	2
117	Stimulus-response click chemistry based aptamer-functionalized mesoporous silica nanoparticles for fluorescence detection of thrombin. <i>Talanta</i> , 2018 , 178, 563-568	6.2	36
116	Metal-organic framework-coated stainless steel fiber for solid-phase microextraction of polychlorinated biphenyls. <i>Journal of Chromatography A</i> , 2018 , 1570, 10-18	4.5	37
115	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> , 2018 , 102, 7981-7995	5.7	16
114	In-situ mechanical test of dragonfly wing veins and their crack arrest behavior. <i>Micron</i> , 2018 , 110, 67-72	2.3	7
113	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	7.1	33
112	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> , 2018 , 83, 262-271	4.3	9

111	Long non-coding RNA UCA1 can predict tumor lymph node metastasis. <i>Tumor Biology</i> , 2017 , 39, 101042834-101042839	4.5	208
110	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	4.5	35
109	Design, synthesis and biological activities of N-(furan-2-ylmethyl)-1H-indole-3-carboxamide derivatives as epidermal growth factor receptor inhibitors and anticancer agents. <i>Chemical Research in Chinese Universities</i> , 2017 , 33, 365-372	2.2	3
108	A novel sensitive colorimetric sensor for Cu based on in situ formation of fluorescent quantum dots with photocatalytic activity. <i>Biosensors and Bioelectronics</i> , 2017 , 89, 866-870	11.8	26
107	Enhanced fluorescence of terbium with thiabendazole and application in determining trace amounts of terbium and thiabendazole. <i>Talanta</i> , 2017 , 162, 540-546	6.2	13
106	Hepatitis B surface antigen predicts recurrence after radiofrequency ablation in patients with low hepatitis B virus loads. <i>Medicine (United States)</i> , 2017 , 96, e9377	1.8	3
105	A Simple Assay for Ultrasensitive Colorimetric Detection of Ag ⁺ at Picomolar Levels Using Platinum Nanoparticles. <i>Sensors</i> , 2017 , 17,	3.8	16
104	Design, synthesis and cytotoxic evaluation of a novel series of benzo[d]thiazole-2-carboxamide derivatives as potential EGFR inhibitors. <i>Medicinal Chemistry Research</i> , 2017 , 26, 2180-2189	2.2	6
103	Stimulus-response mesoporous silica nanoparticle-based chemiluminescence biosensor for cocaine determination. <i>Biosensors and Bioelectronics</i> , 2016 , 75, 8-14	11.8	55
102	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> , 2016 , 45, 241-50	5.8	8
101	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, 122-31	6.6	44
100	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	4.5	78
99	Label free electrochemical sensor for Pb ²⁺ based on graphene oxide mediated deposition of silver nanoparticles. <i>Electrochimica Acta</i> , 2016 , 187, 286-292	6.7	32
98	Matrix stiffness-mediated effects on stemness characteristics occurring in HCC cells. <i>Oncotarget</i> , 2016 , 7, 32221-31	3.3	49
97	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	4.5	16
96	Genomic and transcriptome profiling identified both human and HBV genetic variations and their interactions in Chinese hepatocellular carcinoma. <i>Genomics Data</i> , 2015 , 6, 1-3		9
95	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> , 2015 , 72, 326-31	11.8	17
94	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	3.2	17

93	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, 241-8	11.8	28
92	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	3.7	31
91	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, 10-8	4.5	91
90	Enzyme-free amplified detection of microRNA using target-catalyzed hairpin assembly and magnesium ion-dependent deoxyribozyme. <i>Science China Chemistry</i> , 2015 , 58, 1906-1911	7.9	8
89	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	7.9	15
88	A novel fluorescent reagent for recognition of triplex DNA with high specificity and selectivity. <i>Analyst, The</i> , 2015 , 140, 7742-7	5	12
87	Analysis of nucleosides and nucleobases by microemulsion electrokinetic capillary chromatography coupled with field-amplified sample injection. <i>Analytical Methods</i> , 2015 , 7, 2603-2610	3.2	6
86	Highly sensitive fluorescent sensor for mercury based on hyperbranched rolling circle amplification. <i>Analyst, The</i> , 2015 , 140, 907-11	5	13
85	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, 152-8	11.8	63
84	Simultaneous determination of blockers and agonists by on-fiber derivatization in self-made solid-phase microextraction coating fiber. <i>Talanta</i> , 2015 , 132, 915-21	6.2	18
83	Simultaneous determination of nucleoside and purine compounds in human urine based on a hydrophobic monolithic column using capillary electrochromatography. <i>Electrophoresis</i> , 2015 , 36, 2727-2735	3.6	9
82	On-line concentration and pressurized capillary electrochromatography analysis of five β -agonists in human urine using a methacrylate monolithic column. <i>Electrophoresis</i> , 2015 , 36, 2720-2726	3.6	11
81	Identification of HBV-MLL4 Integration and Its Molecular Basis in Chinese Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2015 , 10, e0123175	3.7	37
80	Higher Matrix Stiffness Upregulates Osteopontin Expression in Hepatocellular Carcinoma Cells Mediated by Integrin $\alpha 1$ /GSK3 β / β -Catenin Signaling Pathway. <i>PLoS ONE</i> , 2015 , 10, e0134243	3.7	27
79	Polymorphisms of NFB1 and IBB and Their Synergistic Effect on Nasopharyngeal Carcinoma Susceptibility. <i>BioMed Research International</i> , 2015 , 2015, 362542	3	7
78	Oxaliplatin and 5-fluorouracil hepatic infusion with lipiodolized chemoembolization in large hepatocellular carcinoma. <i>World Journal of Gastroenterology</i> , 2015 , 21, 3970-7	5.6	17
77	Protonated mesoporous graphitic carbon nitride for rapid and highly efficient removal of microcystins. <i>RSC Advances</i> , 2015 , 5, 45368-45375	3.7	21
76	Preparation of magnetic metal-organic framework nanocomposites for highly specific separation of histidine-rich proteins. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 2185-2191	7.3	87

75	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	11.8	50
74	Determination of flumioxazin residue in food samples through a sensitive fluorescent sensor based on click chemistry. <i>Food Chemistry</i> , 2014 , 162, 242-6	8.5	7
73	One-pot synthesis of CuFeO magnetic nanocrystal clusters for highly specific separation of histidine-rich proteins. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 6207-6214	7.3	47
72	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	4.5	63
71	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> , 2014 , 1355, 228-37	4.5	44
70	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	4.5	57
69	A novel electrochemical sensor for lead ion based on cascade DNA and quantum dots amplification. <i>Electrochimica Acta</i> , 2014 , 134, 1-7	6.7	36
68	Maintenance of stemness in oxaliplatin-resistant hepatocellular carcinoma is associated with increased autocrine of IGF1. <i>PLoS ONE</i> , 2014 , 9, e89686	3.7	24
67	Prognostic significance of the neutrophil-to-lymphocyte ratio in primary liver cancer: a meta-analysis. <i>PLoS ONE</i> , 2014 , 9, e96072	3.7	83
66	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> , 2014 , 15, 17457-68	6.3	8
65	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, 10-6	6.6	31
64	Gooseoid promotes the metastasis of hepatocellular carcinoma by modulating the epithelial-mesenchymal transition. <i>PLoS ONE</i> , 2014 , 9, e109695	3.7	19
63	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	2.1	13
62	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	6.2	27
61	Ultrasensitive electrochemical detection of Pb ²⁺ based on rolling circle amplification and quantum dots tagging. <i>Biosensors and Bioelectronics</i> , 2013 , 42, 608-11	11.8	96
60	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, 115-23	4.5	27
59	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	4.5	49
58	Preparation and evaluation of a hydrophilic poly(2-hydroxyethyl methacrylate-co-N,N-methylene bisacrylamide) monolithic column for pressurized capillary electrochromatography. <i>Electrophoresis</i> , 2013 , 34, 1189-96	3.6	6

57	Double-probe signal enhancing strategy for toxin aptasensing based on rolling circle amplification. <i>Biosensors and Bioelectronics</i> , 2012 , 33, 146-51	11.8	78
56	HFM spread spectrum modulation scheme in shallow water acoustic channels 2012 ,		7
55	Analysis of plant hormones by microemulsion electrokinetic capillary chromatography coupled with on-line large volume sample stacking. <i>Analyst, The</i> , 2012 , 137, 1723-9	5	22
54	Novel multifunctional acceptor phase additive of water-miscible ionic liquid in hollow-fiber protected liquid phase microextraction. <i>Talanta</i> , 2012 , 88, 43-9	6.2	31
53	One-pot synthesis of phenylboronic acid-functionalized core-shell magnetic nanoparticles for selective enrichment of glycoproteins. <i>RSC Advances</i> , 2012 , 2, 5062	3.7	33
52	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	4.5	34
51	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		92
50	Capillary electrochromatography of three β_2 -agonists in human urine using a lauryl methacrylate-based monolithic column. <i>Journal of Separation Science</i> , 2012 , 35, 1138-45	3.4	5
49	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	4.5	34
48	Design and Application of dynamic coding in shallow water acoustic communications 2012 ,		4
47	Preparation and evaluation of a phenylboronate affinity monolith for selective capture of glycoproteins by capillary liquid chromatography. <i>Analyst, The</i> , 2011 , 136, 3281-8	5	61
46	Synthesis of magnetic nanoparticles with immobilized aminophenylboronic acid for selective capture of glycoproteins. <i>Journal of Materials Chemistry</i> , 2011 , 21, 518-524		117
45	Solid-Phase Microextraction Using Poly (1-hexadecene-co-trimethylolpropane trimethacrylate) Coating for Analysis of Pesticides in Tea Samples by High-Performance Liquid Chromatography. <i>Current Analytical Chemistry</i> , 2011 , 7, 341-348	1.7	2
44	Label-free immunosensing of microcystin-LR using a gold electrode modified with gold nanoparticles. <i>Mikrochimica Acta</i> , 2011 , 173, 299-305	5.8	33
43	Determination of stimulants and narcotics as well as their in vitro metabolites by online CE-ESI-MS. <i>Electrophoresis</i> , 2011 , 32, 472-8	3.6	11
42	De-Anonymizing Dynamic Social Networks 2011 ,		1
41	One-pot synthesis of an organic-inorganic hybrid affinity monolithic column for specific capture of glycoproteins. <i>Chemical Communications</i> , 2011 , 47, 9675-7	5.8	105
40	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> , 2010 , 81, 1655-61	6.2	13

39	Analysis of microcystins by capillary zone electrophoresis coupling with electrospray ionization mass spectrometry. <i>Talanta</i> , 2010 , 82, 1101-6	6.2	22
38	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, 1038-43	6.2	61
37	Analytical approaches for an important shellfish poisoning agent: domoic Acid. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 11525-33	5.7	37
36	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, 2763-70	5.7	90
35	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> , 2010 , 878, 2375-8	3.2	9
34	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, 7461-70	4.5	56
33	Separation of dipeptides with two chiral centers using 2-hydroxypropyl-beta-CD-modified MEKC. <i>Electrophoresis</i> , 2010 , 31, 1493-7	3.6	14
32	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> , 2010 , 31, 1991-7	3.6	8
31	Simultaneous analysis of endogenetic and ectogenic plant hormones by pressurized capillary electrochromatography. <i>Journal of Separation Science</i> , 2010 , 33, 651-7	3.4	10
30	Performance Analysis of IRA Codes for Underwater Acoustic OFDM Communication System 2009 ,		1
29	Assay of bradykinin metabolites in human body fluids by CE-LIF coupled with transient ITP preconcentration. <i>Electrophoresis</i> , 2009 , 30, 2300-6	3.6	11
28	Analysis of aliphatic amines using head-column field-enhanced sample stacking in MEKC with LIF detection. <i>Electrophoresis</i> , 2009 , 30, 674-81	3.6	10
27	Rapid analysis of peptides and amino acids by CE-ESI-MS using chemically modified fused-silica capillaries. <i>Electrophoresis</i> , 2009 , 30, 2273-9	3.6	13
26	Enantiomeric separation of chiral dipeptides by CE-ESI-MS employing a partial filling technique with chiral crown ether. <i>Electrophoresis</i> , 2009 , 30, 2837-44	3.6	29
25	Preparation and evaluation of the highly cross-linked poly(1-hexadecane-co-trimethylolpropane trimethacrylate) monolithic column for capillary electrochromatography. <i>Electrophoresis</i> , 2009 , 30, 3540-7	3.6	16
24	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, 4167-75	3.4	21
23	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	6.6	35
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21	A new mixed micellar electrokinetic chromatography method for analysis of natural and synthetic anabolic steroids. <i>Talanta</i> , 2009 , 77, 1002-8	6.2	12
20	A simple capillary electrophoresis with electrochemical detection method for determination of the hydrolysis rate constant of chlorogenic acid. <i>Talanta</i> , 2009 , 77, 1790-4	6.2	11
19	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	3.8	22
18	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	6.2	25
17	Determination of diuretics in human urine by hollow fiber-based liquid-liquid-liquid microextraction coupled to high performance liquid chromatography. <i>Analyst, The</i> , 2008 , 133, 1187-94	5	20
16	Identification and quantitation of auxins in plants by liquid chromatography/electrospray ionization trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 2565-72	2.2	26
15	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, 3719-26	2.2	15
14	Electrostacking online sample pre-concentration capillary electrophoresis with amperometric detection for beta2-agonists in human urine. <i>Journal of Separation Science</i> , 2008 , 31, 3556-64	3.4	12
13	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, 936-43	3.6	20
12	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	3.1	19
11	Rapid separation and sensitive detection method for beta-blockers by pressure-assisted capillary electrochromatography-electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1193, 156-63	4.5	30
10	A new method for screening and determination of diuretics by on-line CE-ESI-MS. <i>Electrophoresis</i> , 2007 , 28, 1461-71	3.6	24
9	Determination of peptide hormones of brain and intestine by CE with ESI-MS detection. <i>Electrophoresis</i> , 2007 , 28, 3268-76	3.6	6
8	Preparation and properties of dip-coated CeO ₂ -TiO ₂ thin golden glass film. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2007 , 22, 482-485	1	1
7	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, 194-8	4.5	12
6	Separation and determination of L-tryptophan and its metabolites by capillary micellar electrokinetic chromatography with amperometric detection. <i>Electrophoresis</i> , 2005 , 26, 903-10	3.6	18
5	Simultaneous determination of allantoin, choline and L-arginine in Rhizoma Dioscoreae by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2004 , 1043, 317-21	4.5	35
4	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	6.6	49

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2	Simultaneous determination of the active ingredients in composite pseudoephedrine hydrochloride tablets by capillary electrophoresis. <i>Analytica Chimica Acta</i> , 2000 , 424, 257-262	6.6	21
1	Chemical Redox-Modulated Etching of Plasmonic Nanoparticles for Nitrite Detection: Comparison Among Gold Nanosphere, Nanorod, and Nanotriangle. <i>Journal of Analysis and Testing</i> , 1	3.2	3