

Qionglin Liang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5626069/qionglin-liang-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

204
papers

5,515
citations

40
h-index

63
g-index

212
ext. papers

6,531
ext. citations

6.6
avg, IF

5.87
L-index

#	Paper	IF	Citations
204	Carbon nanotube-modified electrodes for the simultaneous determination of dopamine and ascorbic acid. <i>Analyst, The</i> , 2002 , 127, 653-8	5	395
203	Carbon nanotube-intercalated graphite electrodes for simultaneous determination of dopamine and serotonin in the presence of ascorbic acid. <i>Journal of Electroanalytical Chemistry</i> , 2003 , 540, 129-134	4.1	183
202	One-step synthesis of magnetic graphene oxide nanocomposite and its application in magnetic solid phase extraction of heavy metal ions from biological samples. <i>Talanta</i> , 2015 , 132, 557-63	6.2	147
201	Crystal structure of the <i>Caenorhabditis elegans</i> apoptosome reveals an octameric assembly of CED-4. <i>Cell</i> , 2010 , 141, 446-57	56.2	134
200	On-chip manipulation of continuous picoliter-volume superparamagnetic droplets using a magnetic force. <i>Lab on A Chip</i> , 2009 , 9, 2992-9	7.2	117
199	Multi-component HPLC fingerprinting of <i>Radix Salviae Miltiorrhizae</i> and its LC-MS-MS identification. <i>Chemical and Pharmaceutical Bulletin</i> , 2005 , 53, 677-83	1.9	116
198	Plasma esterified and non-esterified fatty acids metabolic profiling using gas chromatography-mass spectrometry and its application in the study of diabetic mellitus and diabetic nephropathy. <i>Analytica Chimica Acta</i> , 2011 , 689, 85-91	6.6	106
197	Simultaneous determination and quantification of seven major phospholipid classes in human blood using normal-phase liquid chromatography coupled with electrospray mass spectrometry and the application in diabetes nephropathy. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 869, 118-25	3.2	99
196	Rapid and reliable determination of illegal adulterant in herbal medicines and dietary supplements by LC/MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 40, 305-11	3.5	96
195	Metabonomic study of Chinese medicine Shuanglong formula as an effective treatment for myocardial infarction in rats. <i>Journal of Proteome Research</i> , 2011 , 10, 790-9	5.6	94
194	A graphene oxide-based label-free electrochemical aptasensor for the detection of alpha-fetoprotein. <i>Biosensors and Bioelectronics</i> , 2018 , 112, 186-192	11.8	88
193	Near-Infrared Organic Dye-Based Nanoagent for the Photothermal Therapy of Cancer. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 29899-29905	9.5	85
192	Design and fabrication of a liver-on-a-chip platform for convenient, highly efficient, and safe in situ perfusion culture of 3D hepatic spheroids. <i>Lab on A Chip</i> , 2018 , 18, 2547-2562	7.2	77
191	Anti-obesity and hypolipidemic effects of Fuzhuan brick tea water extract in high-fat diet-induced obese rats. <i>Journal of the Science of Food and Agriculture</i> , 2013 , 93, 1310-6	4.3	75
190	Bioinspired Microfibers with Embedded Perfusible Helical Channels. <i>Advanced Materials</i> , 2017 , 29, 1701664	6.4	74
189	Phospholipidomic identification of potential plasma biomarkers associated with type 2 diabetes mellitus and diabetic nephropathy. <i>Talanta</i> , 2011 , 85, 1711-20	6.2	73
188	Rapid qualitative and quantitative analyses of Asian ginseng in adulterated American ginseng preparations by UPLC/Q-TOF-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 52, 66-72	3.5	70

187	Metal-organic frameworks@graphene hybrid aerogels for solid-phase extraction of non-steroidal anti-inflammatory drugs and selective enrichment of proteins. <i>Analyst, The</i> , 2016 , 141, 4219-26	5	70
186	Steaming-induced chemical transformations and holistic quality assessment of red ginseng derived from Panax ginseng by means of HPLC-ESI-MS/MS(n)-based multicomponent quantification fingerprint. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 8213-24	5.7	69
185	HPLC-electrospray tandem mass spectrometry for simultaneous quantitation of eight plasma aminothiols: application to studies of diabetic nephropathy. <i>Talanta</i> , 2009 , 77, 1279-84	6.2	65
184	Porous silica-encapsulated and magnetically recoverable Rh NPs: a highly efficient, stable and green catalyst for catalytic transfer hydrogenation with slow-release of stoichiometric hydrazine in water. <i>Green Chemistry</i> , 2017 , 19, 3400-3407	10	64
183	Stretchable Multiresponsive Hydrogel with Actuable, Shape Memory, and Self-Healing Properties. <i>Advanced Science</i> , 2018 , 5, 1800450	13.6	63
182	Molecular determinants of caspase-9 activation by the Apaf-1 apoptosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 16254-61	11.5	63
181	Engineering of Hydrogel Materials with Perfusable Microchannels for Building Vascularized Tissues. <i>Small</i> , 2020 , 16, e1902838	11	63
180	On-demand microfluidic droplet manipulation using hydrophobic ferrofluid as a continuous-phase. <i>Lab on A Chip</i> , 2011 , 11, 1271-5	7.2	60
179	Necklace-Like Microfibers with Variable Knots and Perfusable Channels Fabricated by an Oil-Free Microfluidic Spinning Process. <i>Advanced Materials</i> , 2018 , 30, e1705082	24	58
178	A modified microfluidic chip for fabrication of paclitaxel-loaded poly(L-lactic acid) microspheres. <i>Microfluidics and Nanofluidics</i> , 2011 , 10, 1289-1298	2.8	56
177	Preparative isolation and purification of ginsenosides Rf, Re, Rd and Rb1 from the roots of Panax ginseng with a salt-containing solvent system and flow step-gradient by high performance counter-current chromatography coupled with an evaporative light scattering detector. <i>Journal of Chromatography A</i> , 2010 , 1217, 1995-2001	4.5	56
176	Microfluidics for Biosynthesizing: from Droplets and Vesicles to Artificial Cells. <i>Small</i> , 2020 , 16, e1903940	11	55
175	Ultraviolet and tandem mass spectrometry for simultaneous quantification of 21 pivotal metabolites in plasma from patients with diabetic nephropathy. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 1930-6	3.2	53
174	High-speed, whole-column fluorescence imaging detection for isoelectric focusing on a microchip using an organic light emitting diode as light source. <i>Analytical Chemistry</i> , 2006 , 78, 5845-50	7.8	50
173	Intrarenal metabolomics reveals the association of local organic toxins with the progression of diabetic kidney disease. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 60, 32-43	3.5	49
172	Graphene aerogel based monolith for effective solid-phase extraction of trace environmental pollutants from water samples. <i>Journal of Chromatography A</i> , 2016 , 1447, 39-46	4.5	49
171	Neural tube defects and disturbed maternal folate- and homocysteine-mediated one-carbon metabolism. <i>Experimental Neurology</i> , 2008 , 212, 515-21	5.7	47
170	Metabolomic profiling of rat serum associated with isoproterenol-induced myocardial infarction using ultra-performance liquid chromatography/time-of-flight mass spectrometry and multivariate analysis. <i>Talanta</i> , 2009 , 79, 254-9	6.2	46

169	Screening and identification of multi-component in Qingkailing injection using combination of liquid chromatography/time-of-flight mass spectrometry and liquid chromatography/ion trap mass spectrometry. <i>Analytica Chimica Acta</i> , 2006 , 577, 190-200	6.6	45
168	Three-dimensional hierarchical porous graphene aerogel for efficient adsorption and preconcentration of chemical warfare agents. <i>Carbon</i> , 2017 , 122, 556-563	10.4	44
167	Self-Polymerized Dopamine-Decorated Au NPs and Coordinated with Fe-MOF as a Dual Binding Sites and Dual Signal-Amplifying Electrochemical Aptasensor for the Detection of CEA. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 5500-5510	9.5	44
166	A metabonomic approach applied to predict patients with cerebral infarction. <i>Talanta</i> , 2011 , 84, 298-304	6.2	42
165	Screening and identification of glycosides in biological samples using energy-gradient neutral loss scan and liquid chromatography tandem mass spectrometry. <i>Analytical Chemistry</i> , 2004 , 76, 2239-47	7.8	42
164	Bismuth iron oxide nanocomposite supported on graphene oxides as the high efficient, stable and reusable catalysts for the reduction of nitroarenes under continuous flow conditions. <i>Chemical Engineering Journal</i> , 2017 , 314, 328-335	14.7	40
163	Correlations of six related purine metabolites and diabetic nephropathy in Chinese type 2 diabetic patients. <i>Clinical Biochemistry</i> , 2009 , 42, 215-20	3.5	40
162	Egg-like magnetically immobilized nanospheres: A long-lived catalyst model for the hydrogen transfer reaction in a continuous-flow reactor. <i>Nano Research</i> , 2018 , 11, 287-299	10	38
161	A three-dimensional graphene-based ratiometric signal amplification aptasensor for MUC1 detection. <i>Biosensors and Bioelectronics</i> , 2018 , 120, 85-92	11.8	38
160	A high-throughput device for size based separation of <i>C. elegans</i> developmental stages. <i>Lab on A Chip</i> , 2014 , 14, 1746-52	7.2	38
159	Antifungal activity in plants from Chinese traditional and folk medicine. <i>Journal of Ethnopharmacology</i> , 2012 , 143, 772-8	5	38
158	Pd-CuFe Catalyst for Transfer Hydrogenation of Nitriles: Controllable Selectivity to Primary Amines and Secondary Amines. <i>IScience</i> , 2018 , 8, 61-73	6.1	37
157	A porous graphene sorbent coated with titanium(IV)-functionalized polydopamine for selective lab-in-syringe extraction of phosphoproteins and phosphopeptides. <i>Mikrochimica Acta</i> , 2018 , 185, 316	5.8	36
156	Magnetically Hollow Pt Nanocages with Ultrathin Walls as a Highly Integrated Nanoreactor for Catalytic Transfer Hydrogenation Reaction. <i>Advanced Science</i> , 2019 , 6, 1802132	13.6	35
155	Integrating qualitative and quantitative characterization of traditional Chinese medicine injection by high-performance liquid chromatography with diode array detection and tandem mass spectrometry. <i>Journal of Separation Science</i> , 2014 , 37, 1438-47	3.4	34
154	Investigation on the interactions between pirarubicin and phospholipids. <i>Biophysical Chemistry</i> , 2009 , 143, 154-60	3.5	34
153	Application of Carbon Nanotube Modified Electrode in Bioelectroanalysis. <i>Chinese Journal of Analytical Chemistry</i> , 2008 , 36, 1011-1016	1.6	34
152	Double-Network Hydrogel with Tunable Mechanical Performance and Biocompatibility for the Fabrication of Stem Cells-Encapsulated Fibers and 3D Assemble. <i>Scientific Reports</i> , 2016 , 6, 33462	4.9	33

151	Two dimensional Rh/Fe ₃ O ₄ /g-C ₃ N ₄ -N enabled hydrazine mediated catalytic transfer hydrogenation of nitroaromatics: A predictable catalyst model with adjoining Rh. <i>Journal of Catalysis</i> , 2018 , 368, 20-30	7.3	32
150	Whole column fluorescence imaging on a microchip by using a programmed organic light emitting diode array as a spatial-scanning light source and a single photomultiplier tube as detector. <i>Lab on A Chip</i> , 2007 , 7, 1574-80	7.2	31
149	h-FIBER: Microfluidic Topographical Hollow Fiber for Studies of Glomerular Filtration Barrier. <i>ACS Central Science</i> , 2020 , 6, 903-912	16.8	30
148	In-syringe solid-phase extraction for on-site sampling of pyrethroids in environmental water samples. <i>Analytica Chimica Acta</i> , 2018 , 1009, 48-55	6.6	30
147	A Microfluidic Hydrogel Chip with Orthogonal Dual Gradients of Matrix Stiffness and Oxygen for Cytotoxicity Test. <i>Biochip Journal</i> , 2018 , 12, 93-101	4	28
146	Recent progress in lab-on-a-chip for pharmaceutical analysis and pharmacological/toxicological test. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 117, 215-230	14.6	28
145	5-Fluorouracil monodispersed chitosan microspheres: Microfluidic chip fabrication with crosslinking, characterization, drug release and anticancer activity. <i>Carbohydrate Polymers</i> , 2020 , 236, 116094	10.3	27
144	Biomarkers for early diagnosis of type 2 diabetic nephropathy: a study based on an integrated biomarker system. <i>Molecular BioSystems</i> , 2013 , 9, 2134-41		27
143	A simple way to configure on-line two-dimensional liquid chromatography for complex sample analysis: acquisition of four-dimensional data. <i>Talanta</i> , 2012 , 97, 150-6	6.2	27
142	An HPLC-ESI-MS method for simultaneous determination of fourteen metabolites of promethazine and caffeine and its application to pharmacokinetic study of the combination therapy against motion sickness. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 62, 119-28	3.5	26
141	Combination of normal-phase medium-pressure liquid chromatography and high-performance counter-current chromatography for preparation of ginsenoside-Ro from panax ginseng with high recovery and efficiency. <i>Separation and Purification Technology</i> , 2010 , 73, 397-402	8.3	26
140	Rapid and high-throughput purification of salvianolic acid B from <i>Salvia miltiorrhiza</i> Bunge by high-performance counter-current chromatography. <i>Journal of Chromatography A</i> , 2009 , 1216, 3869-73	4.5	25
139	Laminar flow used as "liquid etch mask" in wet chemical etching to generate glass microstructures with an improved aspect ratio. <i>Lab on A Chip</i> , 2009 , 9, 1994-6	7.2	25
138	Selectively modified microfluidic chip for solvent extraction of Radix <i>Salvia Miltiorrhiza</i> using three-phase laminar flow to provide double liquid-liquid interface area. <i>Microfluidics and Nanofluidics</i> , 2010 , 9, 365-373	2.8	25
137	Simultaneous determination of geniposide, baicalin, cholic acid and hyodeoxycholic acid in rat serum for the pharmacokinetic investigations by high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006 , 842, 22-7	3.2	25
136	Microwell Confined Iron Oxide Nanoparticles in Honeycomblike Carbon Spheres for the Adsorption of Sb(III) and Sequential Utilization as a Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 12925-12934	8.3	25
135	A novel solvent-free strategy for the synthesis of bismuth oxyhalides. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 13005-13011	13	24
134	Identification and analysis of absorbed components and their metabolites in rat plasma and tissues after oral administration of 'Ershiwuwei Shanhu' pill extracts by UPLC-DAD/Q-TOF-MS. <i>Journal of Ethnopharmacology</i> , 2013 , 150, 324-38	5	24

133	Amorphous Flowerlike Goethite FeOOH Hierarchical Supraparticles: Superior Capability for Catalytic Hydrogenation of Nitroaromatics in Water. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 32180-32191	9.5	24
132	A ppm level Rh-based composite as an ecofriendly catalyst for transfer hydrogenation of nitriles: triple guarantee of selectivity for primary amines. <i>Green Chemistry</i> , 2019 , 21, 1390-1395	10	23
131	Investigation into the hypoxia-dependent cytotoxicity of anticancer drugs under oxygen gradient in a microfluidic device. <i>Microfluidics and Nanofluidics</i> , 2015 , 19, 1271-1279	2.8	23
130	Study on Interactions of Phenolic Acid-Like Drug Candidates with Bovine Serum Albumin by Capillary Electrophoresis and Fluorescence Spectroscopy. <i>Journal of Solution Chemistry</i> , 2010 , 39, 1653-1664	1.8	23
129	Microfluidic fabrication of water-in-water droplets encapsulated in hydrogel microfibers. <i>Chinese Chemical Letters</i> , 2019 , 30, 457-460	8.1	23
128	Amino acid-modified graphene oxide magnetic nanocomposite for the magnetic separation of proteins. <i>RSC Advances</i> , 2017 , 7, 30109-30117	3.7	22
127	Comparative proteomic analysis using 2DE-LC-MS/MS reveals the mechanism of Fuzhuan brick tea extract against hepatic fat accumulation in rats with nonalcoholic fatty liver disease. <i>Electrophoresis</i> , 2015 , 36, 2002-16	3.6	22
126	Determination of main categories of components in corn steep liquor by near-infrared spectroscopy and partial least-squares regression. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 7830-5	5.7	22
125	Comprehensive two-dimensional manipulations of picoliter microfluidic droplets sampled from nanoliter samples. <i>Analytical Chemistry</i> , 2011 , 83, 8029-34	7.8	22
124	Recyclable Acid-Base Bifunctional Core-Shell Nanosphere Catalyzed Synthesis of 5-Aryl-1H-1,2,3-triazoles through the One-Pot Cyclization of Aldehydes, Nitromethane, and Sodium Azide. <i>ChemCatChem</i> , 2017 , 9, 3131-3137	5.2	21
123	Miniaturized high throughput detection system for capillary array electrophoresis on chip with integrated light emitting diode array as addressed ring-shaped light source. <i>Lab on A Chip</i> , 2009 , 9, 733-8	7.2	21
122	Purine metabolites in gout and asymptomatic hyperuricemia: analysis by HPLC-electrospray tandem mass spectrometry. <i>Clinical Chemistry</i> , 2005 , 51, 1742-4	5.5	21
121	Single-Cell-Arrayed Agarose Chip for in Situ Analysis of Cytotoxicity and Genotoxicity of DNA Cross-Linking Agents. <i>Analytical Chemistry</i> , 2016 , 88, 6734-42	7.8	20
120	Metallo-supramolecular polymer engineered porous carbon framework encapsulated stable ultra-small nanoparticles: a general approach to construct highly dispersed catalysts. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 16680-16689	13	20
119	Evidence for the involvement of JAK/STAT/SOCS pathway in the mechanism of Tangshen formula-treated diabetic nephropathy. <i>Planta Medica</i> , 2014 , 80, 614-21	3.1	20
118	Metabonomic study on the cumulative cardiotoxicity of a pirarubicin liposome powder. <i>Talanta</i> , 2012 , 89, 91-8	6.2	20
117	Noncovalently functionalized carbon nanotubes immobilized Fe-Bi bimetallic oxides as a heterogeneous nanocatalyst for reduction of nitroaromatics. <i>Nano Structures Nano Objects</i> , 2017 , 10, 116-124	5.6	19
116	3D Porous Carbon Framework Stabilized Ultra-Uniform Nano Fe ₃ O ₄ : A Useful Catalyst System. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 89-98	4.5	19

115	Preparation of magnetic microspheres functionalized by lanthanide oxides for selective isolation of bovine hemoglobin. <i>Talanta</i> , 2018 , 190, 210-218	6.2	19
114	A droplet-based microfluidic device for long-term culture and longitudinal observation of <i>Caenorhabditis elegans</i> . <i>Biochip Journal</i> , 2012 , 6, 197-205	4	19
113	Simultaneous Assay of Oxygen-Dependent Cytotoxicity and Genotoxicity of Anticancer Drugs on an Integrated Microchip. <i>Analytical Chemistry</i> , 2018 , 90, 11899-11907	7.8	18
112	Metabolism and pharmacokinetics of major polyphenol components in rat plasma after oral administration of total flavonoid tablet from <i>Anemarrhenae Rhizoma</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1026, 134-144	3.2	17
111	Hydrogel microfibers with perfusable folded channels for tissue constructs with folded morphology.. <i>RSC Advances</i> , 2018 , 8, 23475-23480	3.7	17
110	Simultaneous quantification of 11 pivotal metabolites in neural tube defects by HPLC-electrospray tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 863, 94-100	3.2	17
109	Rh Catalyzed Selective Hydrogenation of Nitroarenes under Mild Conditions: Understanding the Functional Groups Attached to the Nanoparticles. <i>ChemCatChem</i> , 2019 , 11, 5543-5552	5.2	16
108	Apolipoprotein A-I mimetic peptide inhibits atherosclerosis by altering plasma metabolites in hypercholesterolemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 303, E683-94	6	16
107	A gravity-actuated technique for flexible and portable microfluidic droplet manipulation. <i>Microfluidics and Nanofluidics</i> , 2010 , 9, 995-1001	2.8	16
106	Correlations of creatine and six related pyrimidine metabolites and diabetic nephropathy in Chinese type 2 diabetic patients. <i>Clinical Biochemistry</i> , 2010 , 43, 957-62	3.5	16
105	Study of the determination and pharmacokinetics of bufadienolides in dog's plasma after administration of Liu-Shen-Wan by high performance liquid chromatography time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 853, 227-33	3.2	16
104	Ultrafine FeCu Alloy Nanoparticles Magnetically Immobilized in Amine-Rich Silica Spheres for Dehalogenation-Proof Hydrogenation of Nitroarenes. <i>Chemistry - A European Journal</i> , 2018 , 24, 14418-14424	4.8	16
103	Fabrication of Yb-Immobilized Hydrophilic Phytic-Acid-Coated Magnetic Nanocomposites for the Selective Separation of Bovine Hemoglobin from Bovine Serum. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 2740-2749	5.5	15
102	Nickel-Catalyzed Synthesis of 3D Edge-Curled Graphene for High-Performance Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2020 , 30, 1904645	15.6	15
101	Recent Advances in Nanozymes: From Matters to Bioapplications. <i>Advanced Functional Materials</i> , 2022 , 32, 2110432	15.6	15
100	Selective separation of bovine hemoglobin using magnetic mesoporous rare-earth silicate microspheres. <i>Talanta</i> , 2019 , 204, 792-801	6.2	14
99	Magnetic metal-organic frameworks for selective enrichment and exclusion of proteins for MALDI-TOF MS analysis. <i>Analyst, The</i> , 2016 , 141, 4568-72	5	14
98	A microfluidic chip of multiple-channel array with various oxygen tensions for drug screening. <i>Microfluidics and Nanofluidics</i> , 2016 , 20, 1	2.8	14

97	Controlling gas/liquid exchange using microfluidics for real-time monitoring of flagellar length in living <i>Chlamydomonas</i> at the single-cell level. <i>Lab on A Chip</i> , 2012 , 12, 4516-22	7.2	14
96	Development of a strategy and process parameters for a green process in counter-current chromatography: purification of tanshinone IIA and cryptotanshinone from <i>Salvia miltiorrhiza</i> Bunge as a case study. <i>Journal of Chromatography A</i> , 2011 , 1218, 6031-7	4.5	14
95	Tangshen Formula Alleviates Hepatic Steatosis by Inducing Autophagy Through the AMPK/SIRT1 Pathway. <i>Frontiers in Physiology</i> , 2019 , 10, 494	4.6	13
94	A 3D construct of the intestinal canal with wrinkle morphology on a centrifugation configuring microfluidic chip. <i>Biofabrication</i> , 2019 , 11, 045001	10.5	13
93	Cost-efficient and process-efficient separation of geniposide from <i>Gardenia jasminoides</i> Ellis by high-performance counter-current chromatography. <i>Separation and Purification Technology</i> , 2012 , 89, 193-198	8.3	13
92	Effective components screening and anti-myocardial infarction mechanism study of the Chinese medicine NSLF6 based on "system to system" mode. <i>Journal of Translational Medicine</i> , 2012 , 10, 26	8.5	13
91	A metabonomic approach to the effect evaluation of treatment in patients infected with influenza A (H1N1). <i>Talanta</i> , 2012 , 100, 51-6	6.2	13
90	Metabonomic study on women of reproductive age treated with nutritional intervention: screening potential biomarkers related to neural tube defects occurrence. <i>Biomedical Chromatography</i> , 2011 , 25, 767-74	1.7	13
89	Simultaneous determination of 15 steroids in rat blood via gas chromatography-mass spectrometry to evaluate the impact of emasculation on adrenal. <i>Talanta</i> , 2009 , 80, 826-32	6.2	13
88	Recycling Antimony(III) by Magnetic Carbon Nanospheres: Turning Waste to Recoverable Catalytic for Synthesis of Esters and Triazoles. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 469-477	8.3	13
87	Composable microfluidic spinning platforms for facile production of biomimetic perfusable hydrogel microtubes. <i>Nature Protocols</i> , 2021 , 16, 937-964	18.8	13
86	Facile and Large-Scale Fabrication of Sub-3 nm PtNi Nanoparticles Supported on Porous Carbon Sheet: A Bifunctional Material for the Hydrogen Evolution Reaction and Hydrogenation. <i>Chemistry - A European Journal</i> , 2019 , 25, 7191-7200	4.8	12
85	Metabolomic and lipidomic study of the protective effect of Chaihuang-Yishen formula on rats with diabetic nephropathy. <i>Journal of Ethnopharmacology</i> , 2015 , 166, 31-41	5	12
84	Fragmentation pathway studies of several plant hormones using an electrospray ionization-quadrupole/time-of-flight mass spectrometer. <i>International Journal of Mass Spectrometry</i> , 2013 , 335, 7-15	1.9	12
83	Recent Trends in Strategies and Methodologies for Metabonomics. <i>Chinese Journal of Analytical Chemistry</i> , 2009 , 37, 136-143	1.6	12
82	Two-step preparation of ginsenoside-Re, Rb1, Rc and Rb2 from the root of <i>Panax ginseng</i> by high-performance counter-current chromatography. <i>Separation and Purification Technology</i> , 2011 , 77, 347-354	8.3	12
81	Direct process integration of extraction and expanded bed adsorption in the recovery of crocetin derivatives from <i>Fructus Gardenia</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 858, 220-6	3.2	12
80	A metabolomic study on early detection of steroid-induced avascular necrosis of the femoral head. <i>Oncotarget</i> , 2018 , 9, 7984-7995	3.3	12

79	Advances of Microfluidic Technologies Applied in Bio-analytical Chemistry. <i>Chinese Journal of Analytical Chemistry</i> , 2016 , 44, 1942-1949	1.6	12
78	Hydroxyl Assisted Rhodium Catalyst Supported on Goethite Nanoflower for Chemoselective Catalytic Transfer Hydrogenation of Fully Converted Nitrostyrenes. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 3146-3154	5.6	11
77	Dehydration-triggered shape morphing based on asymmetric bubble hydrogel microfibers. <i>Soft Matter</i> , 2018 , 14, 6623-6626	3.6	11
76	Correlations of six related pyrimidine metabolites and diabetic retinopathy in Chinese type 2 diabetic patients. <i>Clinica Chimica Acta</i> , 2011 , 412, 940-5	6.2	11
75	Simultaneous determination of sixteen metabolites related to neural tube defects in maternal serum by liquid chromatography coupling with electrospray tandem mass spectrometry. <i>Talanta</i> , 2009 , 78, 1246-52	6.2	11
74	Designed Fabrication of Polymer-Mediated MOF-Derived Magnetic Hollow Carbon Nanocages for Specific Isolation of Bovine Hemoglobin. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 1387-1396	5.5	10
73	Qualitative and quantitative analysis of glucosinolates and nucleosides in Radix Isatidis by HPLC and liquid chromatography tandem mass spectrometry. <i>Acta Pharmaceutica Sinica B</i> , 2013 , 3, 337-344	15.5	10
72	Transcriptional profiling analysis of HMP-treated rats with experimentally induced myocardial infarction. <i>Journal of Ethnopharmacology</i> , 2011 , 137, 199-204	5	10
71	Proteomic analysis of the inhibitory effect of epigallocatechin gallate on lipid accumulation in human HepG2 cells. <i>Proteome Science</i> , 2013 , 11, 32	2.6	9
70	Multi-shell nanocomposites based multienzyme mimetics for efficient intracellular antioxidation. <i>Nano Research</i> , 2021 , 14, 2644-2653	10	9
69	Identification and analysis of the constituents in an aqueous extract of Tricholoma matsutake by HPLC coupled with diode array detection/electrospray ionization mass spectrometry. <i>Journal of Food Science</i> , 2013 , 78, C1173-82	3.4	8
68	Recent Advances in Lipidomics. <i>Chinese Journal of Analytical Chemistry</i> , 2009 , 37, 1390-1396	1.6	8
67	Integrated Development of Metabonomics and Its New Progress. <i>Chinese Journal of Analytical Chemistry</i> , 2010 , 38, 1060-1068	1.6	8
66	Protection effect of nicotinamide on cardiomyoblast hypoxia/re-oxygenation injury: study of cellular mitochondrial metabolism. <i>Molecular BioSystems</i> , 2016 , 12, 2257-64		8
65	Dual Enzyme Mimics Based on MetalLigand Cross-Linking Strategy for Accelerating Ascorbate Oxidation and Enhancing Tumor Therapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2103581	15.6	8
64	A multi-step induced strategy to fabricate core-shell Pt-Ni alloy as symmetric electrocatalysts for overall water splitting. <i>Nano Research</i> , ¹	10	8
63	A new method to evaluate the dose-effect relationship of a TCM formula Gegen Qinlian Decoction: "Focus" mode of integrated biomarkers. <i>Acta Pharmacologica Sinica</i> , 2017 , 38, 1141-1149	8	7
62	A Predictable Catalyst Model for Highly Active and Selective Catalysis of Hydrogenation of Nitroarenes: Comprehension of Various Precious Metal Nanoparticles. <i>ChemistrySelect</i> , 2019 , 4, 8960-8967 ^{1,8}		7

61	Discrimination and quantification analysis of <i>Acorus calamus</i> L. and <i>Acorus tatarinowii</i> Schott with near-infrared reflection spectroscopy. <i>Analytical Methods</i> , 2014 , 6, 4212	3.2	7
60	Immobilizing Multifunctional Fe ₂ O ₃ -SnO ₂ Nanoparticles to Carbon Nanospheres: An Extremely Active and Selective Catalyst for Hydrogen Transfer Reaction. <i>ChemistrySelect</i> , 2017 , 2, 8288-8295	1.8	7
59	Insight into the selectivity of nano-catalytic nitroarenes reduction over other active groups by exploring hydrogen sources and metal components. <i>Applied Catalysis A: General</i> , 2021 , 626, 118339	5.1	7
58	Application of near-infrared spectroscopy for the rapid analysis of <i>Lonicerae Japonicae</i> Flossolution extracted by water. <i>Journal of Innovative Optical Health Sciences</i> , 2014 , 07, 1350063	1.2	6
57	Pharmacokinetic Comparative Study of Gastrodin and Rhynchophylline after Oral Administration of Different Prescriptions of Yizhi Tablets in Rats by an HPLC-ESI/MS Method. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014 , 2014, 167253	2.3	6
56	Simultaneous LC-UV-MS/MS Analysis of Nine Pivotal Metabolites in Human Serum: Application to Studies of Impaired Glucose Tolerance. <i>Chromatographia</i> , 2011 , 73, 149-155	2.1	6
55	LapRLSR for NIR spectral modeling and its application to online monitoring of the column separation of Salvianolate. <i>Chinese Chemical Letters</i> , 2007 , 18, 852-856	8.1	6
54	Ultimate Resourcization of Waste: Crab Shell-Derived Biochar for Antimony Removal and Sequential Utilization as an Anode for a Li-Ion Battery. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 8813-8823	8.3	6
53	Synthesis of tetrazoles, triazoles, and imidazolines catalyzed by magnetic silica spheres grafted acid. <i>Synthetic Communications</i> , 2018 , 48, 2652-2662	1.7	6
52	Stretchable and Anisotropic Conductive Composite Hydrogel as Therapeutic Cardiac Patches 2021 , 3, 1238-1248		6
51	Urinary metabolomics study on an induced-stress rat model using UPLC-QTOF/MS. <i>RSC Advances</i> , 2015 , 5, 75111-75120	3.7	5
50	Selective Synthesis of Symmetrical Secondary Amines from Nitriles with a Pt-CuFe/Fe O Catalyst and Ammonia Borane as Hydrogen Donor. <i>ChemPlusChem</i> , 2020 , 85, 1783-1788	2.8	5
49	Screening and evaluation of traditional Chinese medicine by microarray expression analysis. <i>Journal of Ethnopharmacology</i> , 2013 , 147, 564-9	5	5
48	One-Step Facile Synthesis of Aptamer-Modified Graphene Oxide for Highly Specific Enrichment of Human A-Thrombin in Plasma. <i>Sensors</i> , 2017 , 17,	3.8	5
47	Pathogenesis of neural tube defects: the story beyond methylation or one-carbon unit metabolism. <i>Metabolomics</i> , 2012 , 8, 919-929	4.7	5
46	Design and fabrication of an integrated 3D dynamic multicellular liver-on-a-chip and its application in hepatotoxicity screening.. <i>Talanta</i> , 2022 , 241, 123262	6.2	5
45	Ternary NiFeMnOx compounds for adsorption of antimony and subsequent application in energy storage to avoid secondary pollution. <i>Separation and Purification Technology</i> , 2021 , 276, 119237	8.3	5
44	Nitrogen-Doped Three Dimensional Graphene for Electrochemical Sensing. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 4900-7	1.3	4

43	Nitrite-Responsive Hydrogel: Smart Drug Release Depending on the Severity of the Nitric Oxide-Related Disease. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 51185-51197	9.5	4
42	Prototypical Nonelectrochemical Method for Surface Regeneration of an Integrated Electrode in a PDMS Microfluidic Chip. <i>Analytical Letters</i> , 2009 , 42, 1986-1996	2.2	4
41	A new metabonomics method for simultaneous determination of EFAs and NEFAs in plasma using GCMS and its application. <i>Chinese Chemical Letters</i> , 2009 , 20, 1103-1106	8.1	4
40	Single-cell metabolite analysis on a microfluidic chip. <i>Chinese Chemical Letters</i> , 2021 ,	8.1	4
39	Construction of copper (II) affinity- DTPA functionalized magnetic composite for efficient adsorption and specific separation of bovine hemoglobin from bovine serum. <i>Composites Part B: Engineering</i> , 2020 , 198, 108248	10	4
38	Metal-Organic Framework-Encapsulated CoCu Nanoparticles for the Selective Transfer Hydrogenation of Nitrobenzaldehydes: Engineering Active Armor by the Half-Way Injection Method. <i>Chemistry - A European Journal</i> , 2021 , 27, 1080-1087	4.8	4
37	A facile method to synthesize magnetic nanoparticles chelated with Copper(II) for selective adsorption of bovine hemoglobin. <i>Korean Journal of Chemical Engineering</i> , 2020 , 37, 1097-1106	2.8	3
36	Oil-water biphasic parallel flow for the precise patterning of metals and cells. <i>Biomedical Microdevices</i> , 2014 , 16, 245-53	3.7	3
35	CHARACTERIZATION OF THE INTERACTIONS BETWEEN NATURAL FLAVONOID COMPOUNDS AND BOVINE SERUM ALBUMIN BY CAPILLARY ELECTROPHORESIS AND FLUORESCENCE METHOD. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2010 , 33, 548-562	1.3	3
34	Fabrication of Biomaterials and Biostructures Based On Microfluidic Manipulation.. <i>Small</i> , 2022 , e2105867		3
33	Encapsulating Electron-Rich Pd NPs with Lewis Acidic MOF: Reconciling the Electron-Preference Conflict of the Catalyst for Cascade Condensation via Nitro Reduction.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	3
32	Polymer-Assisted Hierarchically Bulky Imprinted Microparticles for Enhancing the Selective Enrichment of Proteins.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 388-396	4.1	3
31	Therapeutic Effects of Tangshen Formula on Diabetic Nephropathy in Mice Using Cytokine Antibody Array. <i>Journal of Diabetes Research</i> , 2018 , 2018, 8237590	3.9	3
30	A cellular chip-MS system for investigation of Lactobacillus rhamnosus GG and irinotecan synergistic effects on colorectal cancer. <i>Chinese Chemical Letters</i> , 2021 ,	8.1	3
29	Mussel Inspired Trigger-Detachable Adhesive Hydrogel.. <i>Small</i> , 2022 , e2200336	11	3
28	Characterization of alkaloids in radix by UPLC-Q-TOF-MS/MS and its application in the comparison of two different habitats. <i>Natural Product Research</i> , 2020 , 1-3	2.3	2
27	Advance in Analysis and Detection Technologies for Phospholipidomics. <i>Chinese Journal of Analytical Chemistry</i> , 2016 , 44, 984-993	1.6	2
26	Tunable Assembly of Organic-Inorganic Molecules into Hierarchical Superstructures as Ligase Mimics for Enhancing Tumor Photothermal Therapy.. <i>Small</i> , 2022 , e2105304	11	2

25	Encapsulating UiO-66-NH ₂ @Pt with defective PCN-222 as an active armor to fabricate a sandwich-type nanocatalyst for the tandem synthesis via hydrogenation of nitroarenes. <i>Journal of Catalysis</i> , 2022 , 407, 253-253	7.3	2
24	Recent progress of microfluidic technology for pharmaceutical analysis.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 209, 114534	3.5	2
23	A Perspective on the Development of TCM Systems Biological Approachy. <i>Chinese Journal of Natural Medicines</i> , 2009 , 7, 242-248	2.8	2
22	Highly dispersed Rh prepared by the in-situ etching-growth strategy for energy-saving hydrogen evolution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021 ,	5.3	2
21	A Perspective on the Development of TCM Systems Biological Approachy. <i>Chinese Journal of Natural Medicines</i> , 2009 , 7, 242-248	2.8	2
20	Nitrite-responsive hydrogel for long-term and smart control of cyanobacteria bloom. <i>Journal of Hazardous Materials</i> , 2021 , 411, 125150	12.8	2
19	A hollow in hollow nanoreactor of H-PtCu@SiO ₂ for the selective transfer hydrogenation. <i>Chemical Engineering Journal</i> , 2021 , 425, 131417	14.7	2
18	Iron Catalyzed Cascade Construction of Molybdenum Carbide Heterointerfaces for Understanding Hydrogen Evolution.. <i>Small</i> , 2022 , e2200439	11	2
17	In-situ Construction of Graphite-Supported Magnetic Carbocatalysts from a Metallo-Supramolecular Polymer: High Performance for Catalytic Transfer Hydrogenation. <i>ChemNanoMat</i> , 2020 , 6, 629-638	3.5	1
16	Efficient water-mediated synthesis of bismuth oxyiodide with several distinct morphologies. <i>CrystEngComm</i> , 2020 , 22, 1754-1761	3.3	1
15	Microfibers: Bioinspired Microfibers with Embedded Perfusable Helical Channels (Adv. Mater. 34/2017). <i>Advanced Materials</i> , 2017 , 29,	24	1
14	Effective separation of Escarone and Escarone in TCM by covalent organic framework modified by magnetic solid phase extraction. <i>Microchemical Journal</i> , 2021 , 175, 107015	4.8	1
13	Bimetallic RhIn/ZIF-8 for the catalytic chemoselective hydrogenation of nitrostyrene: Exploration of natural selectivity of hydrogen sources and enhancing intrinsic selectivity. <i>Microporous and Mesoporous Materials</i> , 2022 , 332, 111693	5.3	1
12	An Insight of Skeletal Networks Analysis for Smart Hydrogels. <i>Advanced Functional Materials</i> , 2108489	15.6	1
11	Cobalt-promoted fabrication of 3D carbon with a nanotube-sheet mutual support structure: scalable preparation of a high-performance anode material for Li-ion batteries. <i>Nanotechnology</i> , 2019 , 31, 085402	3.4	1
10	A magnetic, luminescent and mesoporous nanocomposite as protein drug Carrier. <i>Microporous and Mesoporous Materials</i> , 2019 , 277, 261-266	5.3	1
9	Toxicity of transition metal nanoparticles: a review of different experimental models in the gastrointestinal tract.. <i>Journal of Applied Toxicology</i> , 2022 ,	4.1	1
8	Organophosphine ligand derived sandwich-structural electrocatalyst for oxygen evolution reaction. <i>Journal of Energy Chemistry</i> , 2022 , 70, 74-83	12	1

- 7 An Asymmetrical Cyanine Dye Nanoparticles for Small Vessel Photoacoustic Imaging In Vivo. *ChemNanoMat*, **2018**, 4, 626-630 3.5 ○
- 6 Oligo-layer graphene stabilized fully exposed Fe-sites for ultra-sensitivity electrochemical detection of dopamine. *Biosensors and Bioelectronics*, **2022**, 114367 11.8 ○
- 5 Study of Integrated Biomarker System of Diabetic Nephropathy 228-316
- 4 Application of Chemometrics and Bioinformatics in TCM Research 210-227
- 3 Application of Metabonomics in Research on TCM 191-209
- 2 Technological Platform of TCM Chemomics 66-130
- 1 Demonstrative Research on the Safety Evaluation of Liushen Pills 437-480