

# Qionglin Liang

## 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.

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	Fabrication of Biomaterials and Biostructures Based On Microfluidic Manipulation.. <i>Small</i> , <b>2022</b> , e2105867	6.7	3
203	Tunable Assembly of Organic-Inorganic Molecules into Hierarchical Superstructures as Ligase Mimics for Enhancing Tumor Photothermal Therapy.. <i>Small</i> , <b>2022</b> , e2105304	11	2
202	Design and fabrication of an integrated 3D dynamic multicellular liver-on-a-chip and its application in hepatotoxicity screening.. <i>Talanta</i> , <b>2022</b> , 241, 123262	6.2	5
201	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 &amp; Interfaces</i> , <b>2022</b> ,	9.5	3
200	Encapsulating UiO-66-NH <sub>2</sub> @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> , <b>2022</b> , 407, 253-253	7.3	2
199	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> , <b>2022</b> , 332, 111693	5.3	1
198	Iron Catalyzed Cascade Construction of Molybdenum Carbide Heterointerfaces for Understanding Hydrogen Evolution.. <i>Small</i> , <b>2022</b> , e2200439	11	2
197	Toxicity of transition metal nanoparticles: a review of different experimental models in the gastrointestinal tract.. <i>Journal of Applied Toxicology</i> , <b>2022</b> ,	4.1	1
196	Organophosphine ligand derived sandwich-structural electrocatalyst for oxygen evolution reaction. <i>Journal of Energy Chemistry</i> , <b>2022</b> , 70, 74-83	12	1
195	Recent Advances in Nanozymes: From Matters to Bioapplications. <i>Advanced Functional Materials</i> , <b>2022</b> , 32, 2110432	15.6	15
194	Mussel Inspired Trigger-Detachable Adhesive Hydrogel.. <i>Small</i> , <b>2022</b> , e2200336	11	3
193	Oligo-layer graphene stabilized fully exposed Fe-sites for ultra-sensitivity electrochemical detection of dopamine. <i>Biosensors and Bioelectronics</i> , <b>2022</b> , 114367	11.8	0
192	Effective separation of Esarone and Esarone in TCM by covalent organic framework modified by magnetic solid phase extraction. <i>Microchemical Journal</i> , <b>2021</b> , 175, 107015	4.8	1
191	Recent progress of microfluidic technology for pharmaceutical analysis.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 209, 114534	3.5	2
190	Single-cell metabolite analysis on a microfluidic chip. <i>Chinese Chemical Letters</i> , <b>2021</b> ,	8.1	4
189	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> , <b>2021</b> ,	5.3	2
188	Nitrite-responsive hydrogel for long-term and smart control of cyanobacteria bloom. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 411, 125150	12.8	2

187	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> , <b>2021</b> , 9, 8813-8823	8.3	6
186	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> , <b>2021</b> , 27, 1080-1087	4.8	4
185	Composable microfluidic spinning platforms for facile production of biomimetic perfusable hydrogel microtubes. <i>Nature Protocols</i> , <b>2021</b> , 16, 937-964	18.8	13
184	Multi-shell nanocomposites based multienzyme mimetics for efficient intracellular antioxidation. <i>Nano Research</i> , <b>2021</b> , 14, 2644-2653	10	9
183	Dual Enzyme Mimics Based on Metal-Ligand Cross-Linking Strategy for Accelerating Ascorbate Oxidation and Enhancing Tumor Therapy. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2103581	15.6	8
182	Stretchable and Anisotropic Conductive Composite Hydrogel as Therapeutic Cardiac Patches <b>2021</b> , 3, 1238-1248		6
181	A cellular chip-MS system for investigation of Lactobacillus rhamnosus GG and irinotecan synergistic effects on colorectal cancer. <i>Chinese Chemical Letters</i> , <b>2021</b> ,	8.1	3
180	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> , <b>2021</b> , 626, 118339	5.1	7
179	A hollow in hollow nanoreactor of H-PtCu@SiO <sub>2</sub> for the selective transfer hydrogenation. <i>Chemical Engineering Journal</i> , <b>2021</b> , 425, 131417	14.7	2
178	Ternary NiFeMnOx compounds for adsorption of antimony and subsequent application in energy storage to avoid secondary pollution. <i>Separation and Purification Technology</i> , <b>2021</b> , 276, 119237	8.3	5
177	Nitrite-Responsive Hydrogel: Smart Drug Release Depending on the Severity of the Nitric Oxide-Related Disease. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 51185-51197	9.5	4
176	h-FIBER: Microfluidic Topographical Hollow Fiber for Studies of Glomerular Filtration Barrier. <i>ACS Central Science</i> , <b>2020</b> , 6, 903-912	16.8	30
175	Selective Synthesis of Symmetrical Secondary Amines from Nitriles with a Pt-CuFe/Fe O Catalyst and Ammonia Borane as Hydrogen Donor. <i>ChemPlusChem</i> , <b>2020</b> , 85, 1783-1788	2.8	5
174	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> , <b>2020</b> , 1-3	2.3	2
173	A facile method to synthesize magnetic nanoparticles chelated with Copper(II) for selective adsorption of bovine hemoglobin. <i>Korean Journal of Chemical Engineering</i> , <b>2020</b> , 37, 1097-1106	2.8	3
172	In-situ Construction of Graphite-Supported Magnetic Carbocatalysts from a Metallo-Supramolecular Polymer: High Performance for Catalytic Transfer Hydrogenation. <i>ChemNanoMat</i> , <b>2020</b> , 6, 629-638	3.5	1
171	5-Fluorouracil monodispersed chitosan microspheres: Microfluidic chip fabrication with crosslinking, characterization, drug release and anticancer activity. <i>Carbohydrate Polymers</i> , <b>2020</b> , 236, 116094	10.3	27
170	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 &amp; Interfaces</i> , <b>2020</b> , 12, 5500-5510	9.5	44

169	Efficient water-mediated synthesis of bismuth oxyiodide with several distinct morphologies. <i>CrystEngComm</i> , <b>2020</b> , 22, 1754-1761	3.3	1
168	Designed Fabrication of Polymer-Mediated MOF-Derived Magnetic Hollow Carbon Nanocages for Specific Isolation of Bovine Hemoglobin. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 1387-1396	5.5	10
167	Engineering of Hydrogel Materials with Perfusable Microchannels for Building Vascularized Tissues. <i>Small</i> , <b>2020</b> , 16, e1902838	11	63
166	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> , <b>2020</b> , 8, 469-477	8.3	13
165	Nickel-Catalyzed Synthesis of 3D Edge-Curled Graphene for High-Performance Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1904645	15.6	15
164	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> , <b>2020</b> , 198, 108248	10	4
163	Microfluidics for Biosynthesizing: from Droplets and Vesicles to Artificial Cells. <i>Small</i> , <b>2020</b> , 16, e19039401	10	55
162	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> , <b>2019</b> , 21, 1390-1395	10	23
161	Selective separation of bovine hemoglobin using magnetic mesoporous rare-earth silicate microspheres. <i>Talanta</i> , <b>2019</b> , 204, 792-801	6.2	14
160	Tangshen Formula Alleviates Hepatic Steatosis by Inducing Autophagy Through the AMPK/SIRT1 Pathway. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 494	4.6	13
159	A 3D construct of the intestinal canal with wrinkle morphology on a centrifugation configuring microfluidic chip. <i>Biofabrication</i> , <b>2019</b> , 11, 045001	10.5	13
158	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> , <b>2019</b> , 5, 2740-2749	5.5	15
157	Hydroxyl Assisted Rhodium Catalyst Supported on Goethite Nanoflower for Chemoselective Catalytic Transfer Hydrogenation of Fully Converted Nitrostyrenes. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 3146-3154	5.6	11
156	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> , <b>2019</b> , 25, 7191-7200	4.8	12
155	Magnetically Hollow Pt Nanocages with Ultrathin Walls as a Highly Integrated Nanoreactor for Catalytic Transfer Hydrogenation Reaction. <i>Advanced Science</i> , <b>2019</b> , 6, 1802132	13.6	35
154	A Predictable Catalyst Model for Highly Active and Selective Catalysis of Hydrogenation of Nitroarenes: Comprehension of Various Precious Metal Nanoparticles. <i>ChemistrySelect</i> , <b>2019</b> , 4, 8960-8967	1.8	7
153	Recent progress in lab-on-a-chip for pharmaceutical analysis and pharmacological/toxicological test. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 117, 215-230	14.6	28
152	Rh Catalyzed Selective Hydrogenation of Nitroarenes under Mild Conditions: Understanding the Functional Groups Attached to the Nanoparticles. <i>ChemCatChem</i> , <b>2019</b> , 11, 5543-5552	5.2	16

151	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> , <b>2019</b> , 31, 085402	3.4	1
150	Microfluidic fabrication of water-in-water droplets encapsulated in hydrogel microfibers. <i>Chinese Chemical Letters</i> , <b>2019</b> , 30, 457-460	8.1	23
149	Polymer-Assisted Hierarchically Bulky Imprinted Microparticles for Enhancing the Selective Enrichment of Proteins.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 388-396	4.1	3
148	A magnetic, luminescent and mesoporous nanocomposite as protein drug Carrier. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 277, 261-266	5.3	1
147	Necklace-Like Microfibers with Variable Knots and Perfusable Channels Fabricated by an Oil-Free Microfluidic Spinning Process. <i>Advanced Materials</i> , <b>2018</b> , 30, e1705082	24	58
146	A graphene oxide-based label-free electrochemical aptasensor for the detection of alpha-fetoprotein. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 112, 186-192	11.8	88
145	In-syringe solid-phase extraction for on-site sampling of pyrethroids in environmental water samples. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1009, 48-55	6.6	30
144	A Microfluidic Hydrogel Chip with Orthogonal Dual Gradients of Matrix Stiffness and Oxygen for Cytotoxicity Test. <i>Biochip Journal</i> , <b>2018</b> , 12, 93-101	4	28
143	3D Porous Carbon Framework Stabilized Ultra-Uniform Nano Fe O : A Useful Catalyst System. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 89-98	4.5	19
142	Egg-like magnetically immobilized nanospheres: A long-lived catalyst model for the hydrogen transfer reaction in a continuous-flow reactor. <i>Nano Research</i> , <b>2018</b> , 11, 287-299	10	38
141	Hydrogel microfibers with perfusable folded channels for tissue constructs with folded morphology.. <i>RSC Advances</i> , <b>2018</b> , 8, 23475-23480	3.7	17
140	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> , <b>2018</b> , 6, 16680-16689	13	20
139	Preparation of magnetic microspheres functionalized by lanthanide oxides for selective isolation of bovine hemoglobin. <i>Talanta</i> , <b>2018</b> , 190, 210-218	6.2	19
138	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> , <b>2018</b> , 18, 2547-2562	7.2	77
137	A three-dimensional graphene-based ratiometric signal amplification aptasensor for MUC1 detection. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 120, 85-92	11.8	38
136	A porous graphene sorbent coated with titanium(IV)-functionalized polydopamine for selective lab-in-syringe extraction of phosphoproteins and phosphopeptides. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 316	5.8	36
135	Stretchable Multiresponsive Hydrogel with Actuatable, Shape Memory, and Self-Healing Properties. <i>Advanced Science</i> , <b>2018</b> , 5, 1800450	13.6	63
134	Dehydration-triggered shape morphing based on asymmetric bubble hydrogel microfibers. <i>Soft Matter</i> , <b>2018</b> , 14, 6623-6626	3.6	11

133	A novel solvent-free strategy for the synthesis of bismuth oxyhalides. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 13005-13011	13	24
132	A metabolomic study on early detection of steroid-induced avascular necrosis of the femoral head. <i>Oncotarget</i> , <b>2018</b> , 9, 7984-7995	3.3	12
131	Synthesis of tetrazoles, triazoles, and imidazolines catalyzed by magnetic silica spheres grafted acid. <i>Synthetic Communications</i> , <b>2018</b> , 48, 2652-2662	1.7	6
130	Pd-CuFe Catalyst for Transfer Hydrogenation of Nitriles: Controllable Selectivity to Primary Amines and Secondary Amines. <i>IScience</i> , <b>2018</b> , 8, 61-73	6.1	37
129	Two dimensional Rh/Fe <sub>3</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> -N enabled hydrazine mediated catalytic transfer hydrogenation of nitroaromatics: A predictable catalyst model with adjoining Rh. <i>Journal of Catalysis</i> , <b>2018</b> , 368, 20-30	7.3	32
128	Amorphous Flowerlike Goethite FeOOH Hierarchical Supraparticles: Superior Capability for Catalytic Hydrogenation of Nitroaromatics in Water. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 32180-32191	9.5	24
127	Simultaneous Assay of Oxygen-Dependent Cytotoxicity and Genotoxicity of Anticancer Drugs on an Integrated Microchip. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 11899-11907	7.8	18
126	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> , <b>2018</b> , 6, 12925-12934	8.3	25
125	An Asymmetrical Cyanine Dye Nanoparticles for Small Vessel Photoacoustic Imaging In Vivo. <i>ChemNanoMat</i> , <b>2018</b> , 4, 626-630	3.5	0
124	Therapeutic Effects of Tangshen Formula on Diabetic Nephropathy in Mice Using Cytokine Antibody Array. <i>Journal of Diabetes Research</i> , <b>2018</b> , 2018, 8237590	3.9	3
123	Ultrafine FeCu Alloy Nanoparticles Magnetically Immobilized in Amine-Rich Silica Spheres for Dehalogenation-Proof Hydrogenation of Nitroarenes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 14418-14424	4.8	16
122	Recyclable AcidBase Bifunctional CoreShellShell 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> , <b>2017</b> , 9, 3131-3137	5.2	21
121	Noncovalently functionalized carbon nanotubes immobilized FeBi bimetallic oxides as a heterogeneous nanocatalyst for reduction of nitroaromatics. <i>Nano Structures Nano Objects</i> , <b>2017</b> , 10, 116-124	5.6	19
120	Three-dimensional hierarchical porous graphene aerogel for efficient adsorption and preconcentration of chemical warfare agents. <i>Carbon</i> , <b>2017</b> , 122, 556-563	10.4	44
119	Bioinspired Microfibers with Embedded Perfusable Helical Channels. <i>Advanced Materials</i> , <b>2017</b> , 29, 1701664	6.4	74
118	Amino acid-modified graphene oxide magnetic nanocomposite for the magnetic separation of proteins. <i>RSC Advances</i> , <b>2017</b> , 7, 30109-30117	3.7	22
117	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> , <b>2017</b> , 19, 3400-3407	10	64
116	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> , <b>2017</b> , 38, 1141-1149	8	7



115	Immobilizing Multifunctional Fe <sub>2</sub> O <sub>3</sub> -SnO <sub>2</sub> Nanoparticles to Carbon Nanospheres: An Extremely Active and Selective Catalyst for Hydrogen Transfer Reaction. <i>ChemistrySelect</i> , <b>2017</b> , 2, 8288-8295	1.8	7
114	Microfibers: Bioinspired Microfibers with Embedded Perfusable Helical Channels (Adv. Mater. 34/2017). <i>Advanced Materials</i> , <b>2017</b> , 29,	24	1
113	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> , <b>2017</b> , 314, 328-335	14.7	40
112	One-Step Facile Synthesis of Aptamer-Modified Graphene Oxide for Highly Specific Enrichment of Human A-Thrombin in Plasma. <i>Sensors</i> , <b>2017</b> , 17,	3.8	5
111	Near-Infrared Organic Dye-Based Nanoagent for the Photothermal Therapy of Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 29899-29905	9.5	85
110	Double-Network Hydrogel with Tunable Mechanical Performance and Biocompatibility for the Fabrication of Stem Cells-Encapsulated Fibers and 3D Assemble. <i>Scientific Reports</i> , <b>2016</b> , 6, 33462	4.9	33
109	Single-Cell-Arrayed Agarose Chip for in Situ Analysis of Cytotoxicity and Genotoxicity of DNA Cross-Linking Agents. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 6734-42	7.8	20
108	Magnetic metal-organic frameworks for selective enrichment and exclusion of proteins for MALDI-TOF MS analysis. <i>Analyst, The</i> , <b>2016</b> , 141, 4568-72	5	14
107	A microfluidic chip of multiple-channel array with various oxygen tensions for drug screening. <i>Microfluidics and Nanofluidics</i> , <b>2016</b> , 20, 1	2.8	14
106	Advance in Analysis and Detection Technologies for Phospholipidomics. <i>Chinese Journal of Analytical Chemistry</i> , <b>2016</b> , 44, 984-993	1.6	2
105	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> , <b>2016</b> , 1026, 134-144	3.2	17
104	Advances of Microfluidic Technologies Applied in Bio-analytical Chemistry. <i>Chinese Journal of Analytical Chemistry</i> , <b>2016</b> , 44, 1942-1949	1.6	12
103	Graphene aerogel based monolith for effective solid-phase extraction of trace environmental pollutants from water samples. <i>Journal of Chromatography A</i> , <b>2016</b> , 1447, 39-46	4.5	49
102	Protection effect of nicotinamide on cardiomyoblast hypoxia/re-oxygenation injury: study of cellular mitochondrial metabolism. <i>Molecular BioSystems</i> , <b>2016</b> , 12, 2257-64		8
101	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> , <b>2016</b> , 141, 4219-26	5	70
100	Metabolomic and lipidomic study of the protective effect of Chaihuang-Yishen formula on rats with diabetic nephropathy. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 166, 31-41	5	12
99	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> , <b>2015</b> , 36, 2002-16	3.6	22
98	Nitrogen-Doped Three Dimensional Graphene for Electrochemical Sensing. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 4900-7	1.3	4

97	Urinary metabolomics study on an induced-stress rat model using UPLC-QTOF/MS. <i>RSC Advances</i> , <b>2015</b> , 5, 75111-75120	3.7	5
96	Investigation into the hypoxia-dependent cytotoxicity of anticancer drugs under oxygen gradient in a microfluidic device. <i>Microfluidics and Nanofluidics</i> , <b>2015</b> , 19, 1271-1279	2.8	23
95	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> , <b>2015</b> , 132, 557-63	6.2	147
94	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> , <b>2014</b> , 37, 1438-47	3.4	34
93	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> , <b>2014</b> , 111, 16254-61	11.5	63
92	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> , <b>2014</b> , 6, 4212	3.2	7
91	A high-throughput device for size based separation of <i>C. elegans</i> developmental stages. <i>Lab on a Chip</i> , <b>2014</b> , 14, 1746-52	7.2	38
90	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> , <b>2014</b> , 07, 1350063	1.2	6
89	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> , <b>2014</b> , 2014, 167253	2.3	6
88	Evidence for the involvement of JAK/STAT/SOCS pathway in the mechanism of Tangshen formula-treated diabetic nephropathy. <i>Planta Medica</i> , <b>2014</b> , 80, 614-21	3.1	20
87	Oil-water biphasic parallel flow for the precise patterning of metals and cells. <i>Biomedical Microdevices</i> , <b>2014</b> , 16, 245-53	3.7	3
86	Proteomic analysis of the inhibitory effect of epigallocatechin gallate on lipid accumulation in human HepG2 cells. <i>Proteome Science</i> , <b>2013</b> , 11, 32	2.6	9
85	Screening and evaluation of traditional Chinese medicine by microarray expression analysis. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 147, 564-9	5	5
84	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> , <b>2013</b> , 150, 324-38	5	24
83	Biomarkers for early diagnosis of type 2 diabetic nephropathy: a study based on an integrated biomarker system. <i>Molecular BioSystems</i> , <b>2013</b> , 9, 2134-41		27
82	Fragmentation pathway studies of several plant hormones using an electrospray ionization-quadrupole/time-of-flight mass spectrometer. <i>International Journal of Mass Spectrometry</i> , <b>2013</b> , 335, 7-15	1.9	12
81	Qualitative and quantitative analysis of glucosinolates and nucleosides in <i>Radix Isatidis</i> by HPLC and liquid chromatography tandem mass spectrometry. <i>Acta Pharmaceutica Sinica B</i> , <b>2013</b> , 3, 337-344	15.5	10
80	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> , <b>2013</b> , 93, 1310-6	4.3	75



79	Identification and analysis of the constituents in an aqueous extract of <i>Tricholoma matsutake</i> by HPLC coupled with diode array detection/electrospray ionization mass spectrometry. <i>Journal of Food Science</i> , <b>2013</b> , 78, C1173-82	3.4	8
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