

Qionglin Liang

List of Publications by Year in descending order

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Version: 2024-02-01

204
papers

7,505
citations

50276

46
h-index

76900

74
g-index

212
all docs

212
docs citations

212
times ranked

9273
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicity of transition metal nanoparticles: A review of different experimental models in the gastrointestinal tract. <i>Journal of Applied Toxicology</i> , 2023, 43, 32-46.	2.8	15
2	Characterization of alkaloids in radix <i>Sophora tonkinensis</i> by UPLC-Q-TOF-MS/MS and its application in the comparison of two different habitats. <i>Natural Product Research</i> , 2022, 36, 429-431.	1.8	3
3	A cellular chip-MS system for investigation of <i>Lactobacillus rhamnosus</i> GG and irinotecan synergistic effects on colorectal cancer. <i>Chinese Chemical Letters</i> , 2022, 33, 2096-2100.	9.0	9
4	A multi-step induced strategy to fabricate core-shell Pt-Ni alloy as symmetric electrocatalysts for overall water splitting. <i>Nano Research</i> , 2022, 15, 965-971.	10.4	41
5	An Insight into Skeletal Networks Analysis for Smart Hydrogels. <i>Advanced Functional Materials</i> , 2022, 32, 2108489.	14.9	10
6	Single-cell metabolite analysis on a microfluidic chip. <i>Chinese Chemical Letters</i> , 2022, 33, 2883-2892.	9.0	18
7	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> , 2022, 132, 104118.	5.3	5
8	Effective separation of Î±-asarone and Î²-asarone in TCM by covalent organic framework modified magnetic solid phase extraction. <i>Microchemical Journal</i> , 2022, 175, 107015.	4.5	4
9	Recent progress of microfluidic technology for pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 209, 114534.	2.8	17
10	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.	4.4	4
11	Fabrication of Biomaterials and Biostructures Based On Microfluidic Manipulation. <i>Small</i> , 2022, 18, e2105867.	10.0	16
12	Tunable Assembly of Organic-Inorganic Molecules into Hierarchical Superstructures as Ligase Mimics for Enhancing Tumor Photothermal Therapy. <i>Small</i> , 2022, 18, e2105304.	10.0	15
13	Kinetically Orthogonal Probe for Simultaneous Measurement of H ₂ S and Nitroreductase: A Refined Method to Predict the Invasiveness of Tumor Cells. <i>Analytical Chemistry</i> , 2022, 94, 1769-1777.	6.5	4
14	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.	5.5	17
15	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, 14, 7949-7961.	8.0	15
16	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, 253-264.	6.2	9
17	Iron Catalyzed Cascade Construction of Molybdenum Carbide Heterointerfaces for Understanding Hydrogen Evolution. <i>Small</i> , 2022, 18, e2200439.	10.0	8
18	In situ self-assembly of three-dimensional porous graphene film on zinc fiber for solid-phase microextraction of polychlorinated biphenyls. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5585-5594.	3.7	4

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19	Organophosphine ligand derived sandwich-structural electrocatalyst for oxygen evolution reaction. <i>Journal of Energy Chemistry</i> , 2022, 70, 74-83.	12.9	9
20	Recent Advances in Nanozymes: From Matters to Bioapplications. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	143
21	Mussel Inspired Triggerable Detachable Adhesive Hydrogel. <i>Small</i> , 2022, 18, e2200336.	10.0	16
22	Oligo-layer graphene stabilized fully exposed Fe-sites for ultra-sensitivity electrochemical detection of dopamine. <i>Biosensors and Bioelectronics</i> , 2022, 211, 114367.	10.1	18
23	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.	3.3	10
24	Composable microfluidic spinning platforms for facile production of biomimetic perfusable hydrogel microtubes. <i>Nature Protocols</i> , 2021, 16, 937-964.	12.0	35
25	Multi-shell nanocomposites based multienzyme mimetics for efficient intracellular antioxidation. <i>Nano Research</i> , 2021, 14, 2644-2653.	10.4	32
26	Nitrite-responsive hydrogel for long-term and smart control of cyanobacteria bloom. <i>Journal of Hazardous Materials</i> , 2021, 411, 125150.	12.4	6
27	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.	6.7	28
28	Dual Enzyme Mimics Based on Metal-Ligand Cross-Linking Strategy for Accelerating Ascorbate Oxidation and Enhancing Tumor Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2103581.	14.9	37
29	Stretchable and Anisotropic Conductive Composite Hydrogel as Therapeutic Cardiac Patches. , 2021, 3, 1238-1248.		21
30	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.	4.3	20
31	A hollow in hollow nanoreactor of H-PtCu@SiO ₂ for the selective transfer hydrogenation. <i>Chemical Engineering Journal</i> , 2021, 425, 131417.	12.7	14
32	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.	7.9	22
33	Microfluidics for Biosynthesizing: from Droplets and Vesicles to Artificial Cells. <i>Small</i> , 2020, 16, e1903940.	10.0	101
34	Engineering of Hydrogel Materials with Perfusable Microchannels for Building Vascularized Tissues. <i>Small</i> , 2020, 16, e1902838.	10.0	109
35	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.	6.7	22
36	Nickel-Catalyzed Synthesis of 3D Edge-Curled Graphene for High-Performance Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 1904645.	14.9	32

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37	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> , 2020, 31, 085402.	2.6	3
38	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.	12.0	27
39	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.	8.0	12
40	h-FIBER: Microfluidic Topographical Hollow Fiber for Studies of Glomerular Filtration Barrier. <i>ACS Central Science</i> , 2020, 6, 903-912.	11.3	59
41	Selective Synthesis of Symmetrical Secondary Amines from Nitriles with a Pt ^{II} CuFe ₃ O ₄ Catalyst and Ammonia Borane as Hydrogen Donor. <i>ChemPlusChem</i> , 2020, 85, 1783-1788.	2.8	7
42	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.	2.7	6
43	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.	2.8	4
44	5-Fluorouracil monodispersed chitosan microspheres: Microfluidic chip fabrication with crosslinking, characterization, drug release and anticancer activity. <i>Carbohydrate Polymers</i> , 2020, 236, 116094.	10.2	53
45	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.	8.0	130
46	Efficient water-mediated synthesis of bismuth oxyiodide with several distinct morphologies. <i>CrystEngComm</i> , 2020, 22, 1754-1761.	2.6	4
47	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.	5.2	17
48	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.	1.5	9
49	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.	11.4	49
50	Rh Catalyzed Selective Hydrogenation of Nitroarenes under Mild Conditions: Understanding the Functional Groups Attached to the Nanoparticles. <i>ChemCatChem</i> , 2019, 11, 5543-5552.	3.7	22
51	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.	9.0	35
52	Selective separation of bovine hemoglobin using magnetic mesoporous rare-earth silicate microspheres. <i>Talanta</i> , 2019, 204, 792-801.	5.5	25
53	Tangshen Formula Alleviates Hepatic Steatosis by Inducing Autophagy Through the AMPK/SIRT1 Pathway. <i>Frontiers in Physiology</i> , 2019, 10, 494.	2.8	19
54	A 3D construct of the intestinal canal with wrinkle morphology on a centrifugation configuring microfluidic chip. <i>Biofabrication</i> , 2019, 11, 045001.	7.1	20

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55	Fabrication of Yb ³⁺ -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.	5.2	33
56	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.	4.3	16
57	Facile and Large-Scale Fabrication of Sub-100 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.	3.3	18
58	Magnetically Hollow Pt Nanocages with Ultrathin Walls as a Highly Integrated Nanoreactor for Catalytic Transfer Hydrogenation Reaction. <i>Advanced Science</i> , 2019, 6, 1802132.	11.2	47
59	Microfluidic fabrication of water-in-water droplets encapsulated in hydrogel microfibers. <i>Chinese Chemical Letters</i> , 2019, 30, 457-460.	9.0	28
60	Polymer-Assisted Hierarchically Bulky Imprinted Microparticles for Enhancing the Selective Enrichment of Proteins. <i>ACS Applied Bio Materials</i> , 2019, 2, 388-396.	4.6	4
61	A magnetic, luminescent and mesoporous nanocomposite as protein drug Carrier. <i>Microporous and Mesoporous Materials</i> , 2019, 277, 261-266.	4.4	3
62	Necklace-Like Microfibers with Variable Knots and Perfusable Channels Fabricated by an Oil-Free Microfluidic Spinning Process. <i>Advanced Materials</i> , 2018, 30, e1705082.	21.0	73
63	A graphene oxide-based label-free electrochemical aptasensor for the detection of alpha-fetoprotein. <i>Biosensors and Bioelectronics</i> , 2018, 112, 186-192.	10.1	123
64	In-syringe solid-phase extraction for on-site sampling of pyrethroids in environmental water samples. <i>Analytica Chimica Acta</i> , 2018, 1009, 48-55.	5.4	51
65	A Microfluidic Hydrogel Chip with Orthogonal Dual Gradients of Matrix Stiffness and Oxygen for Cytotoxicity Test. <i>Biochip Journal</i> , 2018, 12, 93-101.	4.9	43
66	3D Porous Carbon Framework Stabilized Ultra-Uniform Nano Fe ₂ O ₃ : A Useful Catalyst System. <i>Chemistry - an Asian Journal</i> , 2018, 13, 89-98.	3.3	21
67	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.	10.4	48
68	Synthesis of tetrazoles, triazoles, and imidazolines catalyzed by magnetic silica spheres grafted acid. <i>Synthetic Communications</i> , 2018, 48, 2652-2662.	2.1	11
69	Pd-CuFe Catalyst for Transfer Hydrogenation of Nitriles: Controllable Selectivity to Primary Amines and Secondary Amines. <i>IScience</i> , 2018, 8, 61-73.	4.1	43
70	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.	6.2	40
71	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.	8.0	44
72	Simultaneous Assay of Oxygen-Dependent Cytotoxicity and Genotoxicity of Anticancer Drugs on an Integrated Microchip. <i>Analytical Chemistry</i> , 2018, 90, 11899-11907.	6.5	25

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73	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.	6.7	33
74	An Asymmetrical Cyanine Dye Nanoparticles for Small Vessel Photoacoustic Imaging <i>In Vivo</i> . <i>ChemNanoMat</i> , 2018, 4, 626-630.	2.8	2
75	Therapeutic Effects of Tangshen Formula on Diabetic Nephropathy in db/db Mice Using Cytokine Antibody Array. <i>Journal of Diabetes Research</i> , 2018, 2018, 1-10.	2.3	4
76	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.	3.3	24
77	Hydrogel microfibers with perfusable folded channels for tissue constructs with folded morphology. <i>RSC Advances</i> , 2018, 8, 23475-23480.	3.6	19
78	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.	10.3	25
79	Preparation of magnetic microspheres functionalized by lanthanide oxides for selective isolation of bovine hemoglobin. <i>Talanta</i> , 2018, 190, 210-218.	5.5	23
80	Design and fabrication of a liver-on-a-chip platform for convenient, highly efficient, and safe <i>in situ</i> perfusion culture of 3D hepatic spheroids. <i>Lab on A Chip</i> , 2018, 18, 2547-2562.	6.0	119
81	A three-dimensional graphene-based ratiometric signal amplification aptasensor for MUC1 detection. <i>Biosensors and Bioelectronics</i> , 2018, 120, 85-92.	10.1	56
82	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.	5.0	48
83	Stretchable Multiresponsive Hydrogel with Actuable, Shape Memory, and Self-Healing Properties. <i>Advanced Science</i> , 2018, 5, 1800450.	11.2	98
84	Dehydration-triggered shape morphing based on asymmetric bubble hydrogel microfibers. <i>Soft Matter</i> , 2018, 14, 6623-6626.	2.7	13
85	A novel solvent-free strategy for the synthesis of bismuth oxyhalides. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13005-13011.	10.3	38
86	A metabolomic study on early detection of steroid-induced avascular necrosis of the femoral head. <i>Oncotarget</i> , 2018, 9, 7984-7995.	1.8	17
87	Recyclable Acid-Base Bifunctional Core-Shell Nanosphere Catalyzed Synthesis of 5-Aryl-1,2,3-triazoles through the One-Pot Cyclization of Aldehydes, Nitromethane, and 3.7 Sodium Azide. <i>ChemCatChem</i> , 2017, 9, 3131-3137.	3.7	25
88	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.	3.5	25
89	Three-dimensional hierarchical porous graphene aerogel for efficient adsorption and preconcentration of chemical warfare agents. <i>Carbon</i> , 2017, 122, 556-563.	10.3	67
90	Bioinspired Microfibers with Embedded Perfusable Helical Channels. <i>Advanced Materials</i> , 2017, 29, 1701664.	21.0	101

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91	Amino acid-modified graphene oxide magnetic nanocomposite for the magnetic separation of proteins. <i>RSC Advances</i> , 2017, 7, 30109-30117.	3.6	30
92	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.	9.0	78
93	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.	6.1	18
94	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.	1.5	8
95	Microfibers: Bioinspired Microfibers with Embedded Perfusable Helical Channels (<i>Adv. Mater.</i> 34/2017). <i>Advanced Materials</i> , 2017, 29, .	21.0	2
96	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.	12.7	52
97	One-Step Facile Synthesis of Aptamer-Modified Graphene Oxide for Highly Specific Enrichment of Human A-Thrombin in Plasma. <i>Sensors</i> , 2017, 17, 1986.	3.8	5
98	Advances of Microfluidic Technologies Applied in Bio-analytical Chemistry. <i>Chinese Journal of Analytical Chemistry</i> , 2016, 44, 1942-1949.	1.7	13
99	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.	3.7	59
100	Protection effect of nicotinamide on cardiomyoblast hypoxia/re-oxygenation injury: study of cellular mitochondrial metabolism. <i>Molecular BioSystems</i> , 2016, 12, 2257-2264.	2.9	13
101	Metal-organic frameworks@graphene hybrid aerogels for solid-phase extraction of non-steroidal anti-inflammatory drugs and selective enrichment of proteins. <i>Analyst</i> , The, 2016, 141, 4219-4226.	3.5	85
102	Near-Infrared Organic Dye-Based Nanoagent for the Photothermal Therapy of Cancer. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29899-29905.	8.0	111
103	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.	3.3	36
104	Single-Cell-Arrayed Agarose Chip for <i>in Situ</i> Analysis of Cytotoxicity and Genotoxicity of DNA Cross-Linking Agents. <i>Analytical Chemistry</i> , 2016, 88, 6734-6742.	6.5	24
105	Magnetic metal-organic frameworks for selective enrichment and exclusion of proteins for MALDI-TOF MS analysis. <i>Analyst</i> , The, 2016, 141, 4568-4572.	3.5	17
106	A microfluidic chip of multiple-channel array with various oxygen tensions for drug screening. <i>Microfluidics and Nanofluidics</i> , 2016, 20, 1.	2.2	14
107	Advance in Analysis and Detection Technologies for Phospholipidomics. <i>Chinese Journal of Analytical Chemistry</i> , 2016, 44, 984-993.	1.7	3
108	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.	2.3	22

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109	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.	4.1	15
110	Comparative proteomic analysis using 2DE-ESI-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, 2002-2016.	2.4	25
111	Nitrogen-Doped Three Dimensional Graphene for Electrochemical Sensing. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4900-4907.	0.9	4
112	Urinary metabolomics study on an induced-stress rat model using UPLC-QTOF/MS. <i>RSC Advances</i> , 2015, 5, 75111-75120.	3.6	9
113	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.	2.2	24
114	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, 557-563.	5.5	174
115	Application of near-infrared spectroscopy for the rapid analysis of <i>Lonicerae Japonicae</i> Flos solution extracted by water. <i>Journal of Innovative Optical Health Sciences</i> , 2014, 07, 1350063.	1.0	8
116	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, 1-10.	1.2	15
117	Evidence for the Involvement of JAK/STAT/SOCS Pathway in the Mechanism of Tangshen Formula-Treated Diabetic Nephropathy. <i>Planta Medica</i> , 2014, 80, 614-621.	1.3	23
118	Oil-water biphasic parallel flow for the precise patterning of metals and cells. <i>Biomedical Microdevices</i> , 2014, 16, 245-253.	2.8	4
119	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, 1438-1447.	2.5	40
120	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, 16254-16261.	7.1	81
121	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.	2.7	8
122	A high-throughput device for size based separation of <i>C. elegans</i> developmental stages. <i>Lab on A Chip</i> , 2014, 14, 1746-1752.	6.0	46
123	Proteomic analysis of the inhibitory effect of epigallocatechin gallate on lipid accumulation in human HepG2 cells. <i>Proteome Science</i> , 2013, 11, 32.	1.7	16
124	Screening and evaluation of traditional Chinese medicine by microarray expression analysis. <i>Journal of Ethnopharmacology</i> , 2013, 147, 564-569.	4.1	10
125	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, 324-338.	4.1	30
126	Biomarkers for early diagnosis of type 2 diabetic nephropathy: a study based on an integrated biomarker system. <i>Molecular BioSystems</i> , 2013, 9, 2134.	2.9	28

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127	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.	1.5	13
128	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> , 2013, 3, 337-344.	12.0	12
129	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, 1310-1316.	3.5	104
130	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> , 2013, 78, C1173-82.	3.1	8
131	A Comparative Study Among Folic Acid and Its Related Metabolites on Risk Assessment and Prediction of Neural Tube Defects. <i>Chinese Journal of Analytical Chemistry</i> , 2013, 41, 15.	1.7	1
132	Pathogenesis of neural tube defects: the story beyond methylation or one-carbon unit metabolism. <i>Metabolomics</i> , 2012, 8, 919-929.	3.0	5
133	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.	6.0	15
134	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, 7830-7835.	5.2	24
135	Metabonomic study on the cumulative cardiotoxicity of a pirarubicin liposome powder. <i>Talanta</i> , 2012, 89, 91-98.	5.5	24
136	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, 150-156.	5.5	28
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