

Qionglin Liang

List of Publications by Year in descending order

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204
papers

7,505
citations

50170

46
h-index

76769

74
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212
all docs

212
docs citations

212
times ranked

9273
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon nanotube-modified electrodes for the simultaneous determination of dopamine and ascorbic acid. <i>Analyst</i> , The, 2002, 127, 653-658.	1.7	453
2	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.	1.9	215
3	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.	2.9	174
4	Crystal Structure of the <i>Caenorhabditis elegans</i> Apoptosome Reveals an Octameric Assembly of CED-4. <i>Cell</i> , 2010, 141, 446-457.	13.5	154
5	Recent Advances in Nanozymes: From Matters to Bioapplications. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	143
6	On-chip manipulation of continuous picoliter-volume superparamagnetic droplets using a magnetic force. <i>Lab on A Chip</i> , 2009, 9, 2992.	3.1	135
7	Multi-component HPLC Fingerprinting of <i>Radix Salviae Miltiorrhizae</i> and Its LC-MS-MS Identification. <i>Chemical and Pharmaceutical Bulletin</i> , 2005, 53, 677-683.	0.6	132
8	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.	4.0	130
9	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.	2.6	125
10	A graphene oxide-based label-free electrochemical aptasensor for the detection of alpha-fetoprotein. <i>Biosensors and Bioelectronics</i> , 2018, 112, 186-192.	5.3	123
11	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.	3.1	119
12	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, 305-311.	1.4	112
13	Near-Infrared Organic Dye-Based Nanoagent for the Photothermal Therapy of Cancer. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29899-29905.	4.0	111
14	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, 118-125.	1.2	109
15	Engineering of Hydrogel Materials with Perfusable Microchannels for Building Vascularized Tissues. <i>Small</i> , 2020, 16, e1902838.	5.2	109
16	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.	1.7	104
17	Metabonomic Study of Chinese Medicine <i>Shuanglong</i> Formula as an Effective Treatment for Myocardial Infarction in Rats. <i>Journal of Proteome Research</i> , 2011, 10, 790-799.	1.8	103
18	Bioinspired Microfibers with Embedded Perfusable Helical Channels. <i>Advanced Materials</i> , 2017, 29, 1701664.	11.1	101

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19	Microfluidics for Biosynthesizing: from Droplets and Vesicles to Artificial Cells. <i>Small</i> , 2020, 16, e1903940.	5.2	101
20	Stretchable Multiresponsive Hydrogel with Actuatable, Shape Memory, and Self-Healing Properties. <i>Advanced Science</i> , 2018, 5, 1800450.	5.6	98
21	Phospholipidomic identification of potential plasma biomarkers associated with type 2 diabetes mellitus and diabetic nephropathy. <i>Talanta</i> , 2011, 85, 1711-1720.	2.9	85
22	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.	1.7	85
23	Steaming-Induced Chemical Transformations and Holistic Quality Assessment of Red Ginseng Derived from <i>Panax ginseng</i> by Means of HPLC-ESI-MS/MS-Based Multicomponent Quantification Fingerprint. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8213-8224.	2.4	81
24	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.	3.3	81
25	Porous silica-encapsulated and magnetically recoverable Rh NPs: a highly efficient, stable and green catalyst for catalytic transfer hydrogenation with a slow-release of stoichiometric hydrazine in water. <i>Green Chemistry</i> , 2017, 19, 3400-3407.	4.6	78
26	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.	1.4	77
27	Necklace-Like Microfibers with Variable Knots and Perfusable Channels Fabricated by an Oil-Free Microfluidic Spinning Process. <i>Advanced Materials</i> , 2018, 30, e1705082.	11.1	73
28	On-demand microfluidic droplet manipulation using hydrophobic ferrofluid as a continuous-phase. <i>Lab on A Chip</i> , 2011, 11, 1271.	3.1	69
29	HPLC-electrospray tandem mass spectrometry for simultaneous quantitation of eight plasma amino thiols: Application to studies of diabetic nephropathy. <i>Talanta</i> , 2009, 77, 1279-1284.	2.9	68
30	Three-dimensional hierarchical porous graphene aerogel for efficient adsorption and preconcentration of chemical warfare agents. <i>Carbon</i> , 2017, 122, 556-563.	5.4	67
31	Preparative isolation and purification of ginsenosides Rf, Re, Rd and Rb1 from the roots of <i>Panax ginseng</i> 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.	1.8	64
32	A modified microfluidic chip for fabrication of paclitaxel-loaded poly(l-lactic acid) microspheres. <i>Microfluidics and Nanofluidics</i> , 2011, 10, 1289-1298.	1.0	61
33	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, 1930-1936.	1.2	59
34	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.	1.8	59
35	h-FIBER: Microfluidic Topographical Hollow Fiber for Studies of Glomerular Filtration Barrier. <i>ACS Central Science</i> , 2020, 6, 903-912.	5.3	59
36	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, 254-259.	2.9	57

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37	A three-dimensional graphene-based ratiometric signal amplification aptasensor for MUC1 detection. <i>Biosensors and Bioelectronics</i> , 2018, 120, 85-92.	5.3	56
38	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.	1.4	55
39	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, 5845-5850.	3.2	53
40	5-Fluorouracil monodispersed chitosan microspheres: Microfluidic chip fabrication with crosslinking, characterization, drug release and anticancer activity. <i>Carbohydrate Polymers</i> , 2020, 236, 116094.	5.1	53
41	A metabonomic approach applied to predict patients with cerebral infarction. <i>Talanta</i> , 2011, 84, 298-304.	2.9	52
42	Antifungal activity in plants from Chinese traditional and folk medicine. <i>Journal of Ethnopharmacology</i> , 2012, 143, 772-778.	2.0	52
43	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.	6.6	52
44	Neural tube defects and disturbed maternal folate- and homocysteine-mediated one-carbon metabolism. <i>Experimental Neurology</i> , 2008, 212, 515-521.	2.0	51
45	In-syringe solid-phase extraction for on-site sampling of pyrethroids in environmental water samples. <i>Analytica Chimica Acta</i> , 2018, 1009, 48-55.	2.6	51
46	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.	5.8	49
47	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.	2.6	48
48	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.	5.8	48
49	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.	2.5	48
50	Magnetically Hollow Pt Nanocages with Ultrathin Walls as a Highly Integrated Nanoreactor for Catalytic Transfer Hydrogenation Reaction. <i>Advanced Science</i> , 2019, 6, 1802132.	5.6	47
51	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.	3.1	46
52	Correlations of six related purine metabolites and diabetic nephropathy in Chinese type 2 diabetic patients. <i>Clinical Biochemistry</i> , 2009, 42, 215-220.	0.8	45
53	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.	4.0	44
54	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, 2239-2247.	3.2	43

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55	A Microfluidic Hydrogel Chip with Orthogonal Dual Gradients of Matrix Stiffness and Oxygen for Cytotoxicity Test. <i>Biochip Journal</i> , 2018, 12, 93-101.	2.5	43
56	Pd-CuFe Catalyst for Transfer Hydrogenation of Nitriles: Controllable Selectivity to Primary Amines and Secondary Amines. <i>IScience</i> , 2018, 8, 61-73.	1.9	43
57	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.	5.8	41
58	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.	1.3	40
59	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.	3.1	40
60	Application of Carbon Nanotube Modified Electrode in Bioelectroanalysis. <i>Chinese Journal of Analytical Chemistry</i> , 2008, 36, 1011-1016.	0.9	38
61	Investigation on the interactions between pirarubicin and phospholipids. <i>Biophysical Chemistry</i> , 2009, 143, 154-160.	1.5	38
62	A novel solvent-free strategy for the synthesis of bismuth oxyhalides. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13005-13011.	5.2	38
63	Selectively modified microfluidic chip for solvent extraction of Radix Salvia Miltiorrhiza using three-phase laminar flow to provide double liquid-liquid interface area. <i>Microfluidics and Nanofluidics</i> , 2010, 9, 365-373.	1.0	37
64	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.	7.8	37
65	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.	1.6	36
66	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.	4.6	35
67	Composable microfluidic spinning platforms for facile production of biomimetic perfusable hydrogel microtubes. <i>Nature Protocols</i> , 2021, 16, 937-964.	5.5	35
68	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, 119-128.	1.4	33
69	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.	3.2	33
70	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.	2.6	33
71	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.	3.1	32
72	Nickel-Catalyzed Synthesis of 3D Edge-Curled Graphene for High-Performance Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 1904645.	7.8	32

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73	Multi-shell nanocomposites based multienzyme mimetics for efficient intracellular antioxidation. <i>Nano Research</i> , 2021, 14, 2644-2653.	5.8	32
74	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.	0.6	31
75	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.	3.9	30
76	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.	2.0	30
77	Amino acid-modified graphene oxide magnetic nanocomposite for the magnetic separation of proteins. <i>RSC Advances</i> , 2017, 7, 30109-30117.	1.7	30
78	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, 3869-3873.	1.8	29
79	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.	3.1	29
80	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, 22-27.	1.2	28
81	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.	2.9	28
82	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
83	Microfluidic fabrication of water-in-water droplets encapsulated in hydrogel microfibers. <i>Chinese Chemical Letters</i> , 2019, 30, 457-460.	4.8	28
84	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.	3.2	28
85	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.	5.9	27
86	Comprehensive Two-Dimensional Manipulations of Picoliter Microfluidic Droplets Sampled from Nanoliter Samples. <i>Analytical Chemistry</i> , 2011, 83, 8029-8034.	3.2	26
87	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, 2002-2016.	1.3	25
88	Recyclable Acid-Base Bifunctional Core-Shell Nanosphere Catalyzed Synthesis of 1,2,3-triazoles through the One-Pot Cyclization of Aldehydes, Nitromethane, and Sodium Azide. <i>ChemCatChem</i> , 2017, 9, 3131-3137.	1.8	25
89	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.	1.9	25
90	Simultaneous Assay of Oxygen-Dependent Cytotoxicity and Genotoxicity of Anticancer Drugs on an Integrated Microchip. <i>Analytical Chemistry</i> , 2018, 90, 11899-11907.	3.2	25

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91	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.	5.2	25
92	Selective separation of bovine hemoglobin using magnetic mesoporous rare-earth silicate microspheres. <i>Talanta</i> , 2019, 204, 792-801.	2.9	25
93	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.	2.4	24
94	Metabonomic study on the cumulative cardiotoxicity of a pirarubicin liposome powder. <i>Talanta</i> , 2012, 89, 91-98.	2.9	24
95	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.	1.0	24
96	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.	3.2	24
97	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.	1.7	24
98	Purine Metabolites in Gout and Asymptomatic Hyperuricemia: Analysis by HPLC-Electrospray Tandem Mass Spectrometry. <i>Clinical Chemistry</i> , 2005, 51, 1742-1744.	1.5	23
99	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.	0.7	23
100	Preparation of magnetic microspheres functionalized by lanthanide oxides for selective isolation of bovine hemoglobin. <i>Talanta</i> , 2018, 190, 210-218.	2.9	23
101	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.	1.2	22
102	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, 733-736.	3.1	22
103	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.	1.2	22
104	Rh Catalyzed Selective Hydrogenation of Nitroarenes under Mild Conditions: Understanding the Functional Groups Attached to the Nanoparticles. <i>ChemCatChem</i> , 2019, 11, 5543-5552.	1.8	22
105	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.	3.2	22
106	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.	3.9	22
107	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-E694.	1.8	21
108	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.	1.7	21

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109	Stretchable and Anisotropic Conductive Composite Hydrogel as Therapeutic Cardiac Patches. , 2021, 3, 1238-1248.		21
110	A gravity-actuated technique for flexible and portable microfluidic droplet manipulation. Microfluidics and Nanofluidics, 2010, 9, 995-1001.	1.0	20
111	Correlations of creatine and six related pyrimidine metabolites and diabetic nephropathy in Chinese type 2 diabetic patients. Clinical Biochemistry, 2010, 43, 957-962.	0.8	20
112	A droplet-based microfluidic device for long-term culture and longitudinal observation of Caenorhabditis elegans. Biochip Journal, 2012, 6, 197-205.	2.5	20
113	A 3D construct of the intestinal canal with wrinkle morphology on a centrifugation configuring microfluidic chip. Biofabrication, 2019, 11, 045001.	3.7	20
114	Insight into the selectivity of nano-catalytic nitroarenes reduction over other active groups by exploring hydrogen sources and metal components. Applied Catalysis A: General, 2021, 626, 118339.	2.2	20
115	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 853, 227-233.	1.2	19
116	Correlations of six related pyrimidine metabolites and diabetic retinopathy in Chinese type 2 diabetic patients. Clinica Chimica Acta, 2011, 412, 940-945.	0.5	19
117	Hydrogel microfibers with perfusable folded channels for tissue constructs with folded morphology. RSC Advances, 2018, 8, 23475-23480.	1.7	19
118	Tangshen Formula Alleviates Hepatic Steatosis by Inducing Autophagy Through the AMPK/SIRT1 Pathway. Frontiers in Physiology, 2019, 10, 494.	1.3	19
119	Effective components screening and anti-myocardial infarction mechanism study of the Chinese medicine NSLF6 based on "system to system" mode. Journal of Translational Medicine, 2012, 10, 26.	1.8	18
120	A new method to evaluate the dose-effect relationship of a TCM formula Gegen Qinlian Decoction: "Focus" mode of integrated biomarkers. Acta Pharmacologica Sinica, 2017, 38, 1141-1149.	2.8	18
121	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. Chemistry - A European Journal, 2019, 25, 7191-7200.	1.7	18
122	Single-cell metabolite analysis on a microfluidic chip. Chinese Chemical Letters, 2022, 33, 2883-2892.	4.8	18
123	Oligo-layer graphene stabilized fully exposed Fe-sites for ultra-sensitivity electrochemical detection of dopamine. Biosensors and Bioelectronics, 2022, 211, 114367.	5.3	18
124	Direct process integration of extraction and expanded bed adsorption in the recovery of crocetin derivatives from Fructus Gardenia. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 858, 220-226.	1.2	17
125	A metabonomic approach to the effect evaluation of treatment in patients infected with influenza A (H1N1). Talanta, 2012, 100, 51-56.	2.9	17
126	Magnetic metal-organic frameworks for selective enrichment and exclusion of proteins for MALDI-TOF MS analysis. Analyst, The, 2016, 141, 4568-4572.	1.7	17

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127	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.	2.6	17
128	A metabolomic study on early detection of steroid-induced avascular necrosis of the femoral head. <i>Oncotarget</i> , 2018, 9, 7984-7995.	0.8	17
129	Recent progress of microfluidic technology for pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 209, 114534.	1.4	17
130	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.	2.9	17
131	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.	3.9	16
132	Proteomic analysis of the inhibitory effect of epigallocatechin gallate on lipid accumulation in human HepG2 cells. <i>Proteome Science</i> , 2013, 11, 32.	0.7	16
133	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.	2.1	16
134	Fabrication of Biomaterials and Biostructures Based On Microfluidic Manipulation. <i>Small</i> , 2022, 18, e2105867.	5.2	16
135	Mussel Inspired Triggerable Detachable Adhesive Hydrogel. <i>Small</i> , 2022, 18, e2200336.	5.2	16
136	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, 826-832.	2.9	15
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