

Mingyu Ding

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Version: 2024-04-23

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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.

51
papers

1,081
citations

19
h-index

31
g-index

53
ext. papers

1,279
ext. citations

6.7
avg, IF

4.65
L-index

#	Paper	IF	Citations
51	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
50	Bioinspired Microfibers with Embedded Perfusable Helical Channels. <i>Advanced Materials</i> , 2017 , 29, 1701664	6.4	74
49	One-pot synthesis of UiO-66@SiO ₂ shell-core microspheres as stationary phase for high performance liquid chromatography. <i>RSC Advances</i> , 2015 , 5, 1043-1050	3.7	71
48	Metal-organic frameworks@graphene hybrid aerogels for solid-phase extraction of non-steroidal anti-inflammatory drugs and selective enrichment of proteins. <i>Analyst</i> , 2016 , 141, 4219-26	5	70
47	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
46	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
45	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
44	Selective enrichment of proteins for MALDI-TOF MS analysis based on molecular imprinting. <i>Chemical Communications</i> , 2015 , 51, 3541-4	5.8	38
43	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
42	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
41	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
40	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
39	Silver(I) ion detection in aqueous media based on off-on fluorescent probe. <i>Analytical Methods</i> , 2012 , 4, 342-344	3.2	27
38	Simultaneous determination of hydroxyanthraquinones in rhubarb and experimental animal bodies by high-performance liquid chromatography. <i>Analytical Sciences</i> , 2003 , 19, 1163-5	1.7	27
37	A novel solvent-free strategy for the synthesis of bismuth oxyhalides. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 13005-13011	13	24
36	Amino acid-modified graphene oxide magnetic nanocomposite for the magnetic separation of proteins. <i>RSC Advances</i> , 2017 , 7, 30109-30117	3.7	22
35	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

34	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
33	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
32	Preparation of magnetic microspheres functionalized by lanthanide oxides for selective isolation of bovine hemoglobin. <i>Talanta</i> , 2018 , 190, 210-218	6.2	19
31	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
30	Hydrogel microfibers with perfusable folded channels for tissue constructs with folded morphology.. <i>RSC Advances</i> , 2018 , 8, 23475-23480	3.7	17
29	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
28	Selective separation of bovine hemoglobin using magnetic mesoporous rare-earth silicate microspheres. <i>Talanta</i> , 2019 , 204, 792-801	6.2	14
27	Metal-organic framework based in-syringe solid-phase extraction for the on-site sampling of polycyclic aromatic hydrocarbons from environmental water samples. <i>Journal of Separation Science</i> , 2018 , 41, 1856-1863	3.4	14
26	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
25	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
24	Composable microfluidic spinning platforms for facile production of biomimetic perfusable hydrogel microtubes. <i>Nature Protocols</i> , 2021 , 16, 937-964	18.8	13
23	Portable solid phase micro-extraction coupled with ion mobility spectrometry system for on-site analysis of chemical warfare agents and simulants in water samples. <i>Sensors</i> , 2014 , 14, 20963-74	3.8	11
22	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
21	Multi-shell nanocomposites based multienzyme mimetics for efficient intracellular antioxidation. <i>Nano Research</i> , 2021 , 14, 2644-2653	10	9
20	Evaluation of Graphene Aerogel Monolith-Based Solid-Phase Extraction for the Separation of Pyrethroids from Water Samples. <i>Chromatographia</i> , 2017 , 80, 1781-1787	2.1	8
19	Protection effect of nicotinamide on cardiomyoblast hypoxia/re-oxygenation injury: study of cellular mitochondrial metabolism. <i>Molecular BioSystems</i> , 2016 , 12, 2257-64		8
18	Combination of dynamic hollow fiber liquid-phase microextraction with HPLC analysis for the determination of UV filters in cosmetic products. <i>Science China Chemistry</i> , 2011 , 54, 1627-1634	7.9	7
17	Self-made microextraction by packed sorbent device for the cleanup of polychlorinated biphenyls from bovine serum. <i>Journal of Separation Science</i> , 2016 , 39, 1518-23	3.4	6

16	Preparation and retention mechanism exploration of mesostructured cellular foam silica as stationary phase for high performance liquid chromatography. <i>Talanta</i> , 2016 , 149, 187-193	6.2	6
15	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
14	One-step synthesis of sub-2 μ m vinyl functionalized silica sphere as stationary phase for liquid chromatography. <i>Talanta</i> , 2015 , 134, 425-434	6.2	4
13	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
12	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
11	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
10	Determination of Glycolate Acid, Mono- and Dichloroacetic Acids in Synthetical Betaine by Anion-exchange Chromatography. <i>Chinese Journal of Chemistry</i> , 2011 , 29, 778-782	4.9	3
9	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
8	Mussel Inspired Trigger-Detachable Adhesive Hydrogel.. <i>Small</i> , 2022 , e2200336	11	3
7	Synthesis and characterization of hydrogen-bond acidic functionalized graphene. <i>Functional Materials Letters</i> , 2014 , 07, 1450043	1.2	2
6	Determination of Uric Acid in Human Urine by Ion-exclusion Chromatography with UV Detection Using Pure Water as Mobile Phase. <i>Chinese Journal of Chemistry</i> , 2012 , 30, 1102-1104	4.9	2
5	Efficient water-mediated synthesis of bismuth oxyiodide with several distinct morphologies. <i>CrystEngComm</i> , 2020 , 22, 1754-1761	3.3	1
4	Microfibers: Bioinspired Microfibers with Embedded Perfusable Helical Channels (Adv. Mater. 34/2017). <i>Advanced Materials</i> , 2017 , 29,	24	1
3	Determination of Cyanuric Acid in Milk Powder and Swimming Pool Water by Ion-pair Reversed-phase Liquid Chromatography. <i>Chinese Journal of Chemistry</i> , 2011 , 29, 783-786	4.9	1
2	Hyphenated differential mobility spectrometry for rapid separation and detection. <i>Reviews in Analytical Chemistry</i> , 2016 , 35, 29-40	2.3	1
1	Research on the interaction of hydrogen-bond acidic polymer sensitive sensor materials with chemical warfare agents simulants by inverse gas chromatography. <i>Sensors</i> , 2015 , 15, 12884-90	3.8	0