

Mingyu Ding

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/799148/publications.pdf>

Version: 2024-02-01

51
papers

1,487
citations

279487

23
h-index

315357

38
g-index

53
all docs

53
docs citations

53
times ranked

2013
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Bioinspired Microfibers with Embedded Perfusable Helical Channels. <i>Advanced Materials</i> , 2017, 29, 1701664.	11.1	101
3	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.	1.7	86
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	Selective enrichment of proteins for MALDI-TOF MS analysis based on molecular imprinting. <i>Chemical Communications</i> , 2015, 51, 3541-3544.	2.2	41
12	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
13	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
14	Composable microfluidic spinning platforms for facile production of biomimetic perfusable hydrogel microtubes. <i>Nature Protocols</i> , 2021, 16, 937-964.	5.5	35
15	Simultaneous Determination of Hydroxyanthraquinones in Rhubarb and Experimental Animal Bodies by High-Performance Liquid Chromatography. <i>Analytical Sciences</i> , 2003, 19, 1163-1165.	0.8	33
16	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
17	Multi-shell nanocomposites based multienzyme mimetics for efficient intracellular antioxidation. <i>Nano Research</i> , 2021, 14, 2644-2653.	5.8	32
18	Amino acid-modified graphene oxide magnetic nanocomposite for the magnetic separation of proteins. <i>RSC Advances</i> , 2017, 7, 30109-30117.	1.7	30

#	ARTICLE	IF	CITATIONS
19	Silver(I) ion detection in aqueous media based on a fluorescent probe. <i>Analytical Methods</i> , 2012, 4, 342-344.	1.3	28
20	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
21	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
22	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
23	Selective separation of bovine hemoglobin using magnetic mesoporous rare-earth silicate microspheres. <i>Talanta</i> , 2019, 204, 792-801.	2.9	25
24	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
25	Preparation of magnetic microspheres functionalized by lanthanide oxides for selective isolation of bovine hemoglobin. <i>Talanta</i> , 2018, 190, 210-218.	2.9	23
26	3D Porous Carbon Framework Stabilized Ultra-Uniform Nano Fe_2O_3 : A Useful Catalyst System. <i>Chemistry - an Asian Journal</i> , 2018, 13, 89-98.	1.7	21
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.	1.3	19
28	Hydrogel microfibers with perfusable folded channels for tissue constructs with folded morphology. <i>RSC Advances</i> , 2018, 8, 23475-23480.	1.7	19
29	Magnetic metal-organic frameworks for selective enrichment and exclusion of proteins for MALDI-TOF MS analysis. <i>Analyst</i> , 2016, 141, 4568-4572.	1.7	17
30	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
31	Mussel Inspired Trigger- Detachable Adhesive Hydrogel. <i>Small</i> , 2022, 18, e2200336.	5.2	16
32	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, 20963-20974.	2.1	14
33	A microfluidic chip of multiple-channel array with various oxygen tensions for drug screening. <i>Microfluidics and Nanofluidics</i> , 2016, 20, 1.	1.0	14
34	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
35	Evaluation of Graphene Aerogel Monolith-Based Solid-Phase Extraction for the Separation of Pyrethroids from Water Samples. <i>Chromatographia</i> , 2017, 80, 1781-1787.	0.7	13
36	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.	4.0	12

#	ARTICLE	IF	CITATIONS
37	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.	4.2	9
38	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.	2.9	9
39	Self-made microextraction by packed sorbent device for the cleanup of polychlorinated biphenyls from bovine serum. <i>Journal of Separation Science</i> , 2016, 39, 1518-1523.	1.3	7
40	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.	1.2	6
41	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.	2.9	5
42	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.	2.1	5
43	Polymer-Assisted Hierarchically Bulky Imprinted Microparticles for Enhancing the Selective Enrichment of Proteins. <i>ACS Applied Bio Materials</i> , 2019, 2, 388-396.	2.3	4
44	Efficient water-mediated synthesis of bismuth oxyiodide with several distinct morphologies. <i>CrystEngComm</i> , 2020, 22, 1754-1761.	1.3	4
45	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.	2.6	3
46	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.	2.6	3
47	Hyphenated differential mobility spectrometry for rapid separation and detection. <i>Reviews in Analytical Chemistry</i> , 2016, 35, 29-40.	1.5	3
48	Synthesis and characterization of hydrogen-bond acidic functionalized graphene. <i>Functional Materials Letters</i> , 2014, 07, 1450043.	0.7	2
49	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, 12884-12890.	2.1	2
50	Microfibers: Bioinspired Microfibers with Embedded Perfusable Helical Channels (<i>Adv. Mater.</i> 34/2017). <i>Advanced Materials</i> , 2017, 29, .	11.1	2
51	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.	2.6	1