

Qiang Han

List of Publications by Citations

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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.

41
papers

1,324
citations

19
h-index

36
g-index

42
ext. papers

1,500
ext. citations

5.3
avg, IF

4.61
L-index

#	Paper	IF	Citations
41	Facile and tunable fabrication of Fe ₃ O ₄ /graphene oxide nanocomposites and their application in the magnetic solid-phase extraction of polycyclic aromatic hydrocarbons from environmental water samples. <i>Talanta</i> , 2012 , 101, 388-95	6.2	297
40	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
39	Graphene-based solid-phase extraction disk for fast separation and preconcentration of trace polycyclic aromatic hydrocarbons from environmental water samples. <i>Journal of Separation Science</i> , 2013 , 36, 1834-42	3.4	83
38	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
37	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
36	Preparation and retention mechanism study of graphene and graphene oxide bonded silica microspheres as stationary phases for high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2013 , 1307, 135-43	4.5	63
35	Application of graphene for the SPE clean-up of organophosphorus pesticides residues from apple juices. <i>Journal of Separation Science</i> , 2014 , 37, 99-105	3.4	52
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	4.5	49
33	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
32	Selective enrichment of proteins for MALDI-TOF MS analysis based on molecular imprinting. <i>Chemical Communications</i> , 2015 , 51, 3541-4	5.8	38
31	Ultrathin TiO(B) Nanosheets as the Inductive Agent for Transferring HO into Superoxide Radicals. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15533-15540	9.5	37
30	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
29	Graphene as an efficient sorbent for the SPE of organochlorine pesticides in water samples coupled with GC-MS. <i>Journal of Separation Science</i> , 2013 , 36, 3586-91	3.4	35
28	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
27	A novel solvent-free strategy for the synthesis of bismuth oxyhalides. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 13005-13011	13	24
26	Multi-walled carbon nanotube as a solid phase extraction adsorbent for analysis of indole-3-butyric acid and 1-naphthylacetic acid in plant samples. <i>Chinese Chemical Letters</i> , 2013 , 24, 588-592	8.1	23
25	Amino acid-modified graphene oxide magnetic nanocomposite for the magnetic separation of proteins. <i>RSC Advances</i> , 2017 , 7, 30109-30117	3.7	22

24	Determination of benzoic acid in milk by solid-phase extraction and ion chromatography with conductivity detection. <i>Chinese Chemical Letters</i> , 2013 , 24, 243-245	8.1	21
23	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
22	Preparation of magnetic microspheres functionalized by lanthanide oxides for selective isolation of bovine hemoglobin. <i>Talanta</i> , 2018 , 190, 210-218	6.2	19
21	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
20	A Novel Method for Bisphenol A Analysis in Dairy Products Using Graphene as an Adsorbent for Solid Phase Extraction Followed by Ion Chromatography. <i>Food Analytical Methods</i> , 2013 , 6, 1537-1543	3.4	15
19	Selective separation of bovine hemoglobin using magnetic mesoporous rare-earth silicate microspheres. <i>Talanta</i> , 2019 , 204, 792-801	6.2	14
18	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
17	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
16	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
15	Synthesis of highly dispersed mesostructured cellular foam silica sphere and its application in high-performance liquid chromatography. <i>Talanta</i> , 2012 , 101, 396-404	6.2	10
14	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
13	Synthesis of large-pore mesostructured cellular foam silica spheres for the adsorption of biomolecules. <i>Journal of Separation Science</i> , 2014 , 37, 2411-7	3.4	8
12	Impact of Pore Geometry and Water Saturation on Gas Effective Diffusion Coefficient in Soil. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2097	2.6	8
11	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
10	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
9	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
8	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
7	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

6	Synthesis and characterization of hydrogen-bond acidic functionalized graphene. <i>Functional Materials Letters</i> , 2014 , 07, 1450043	1.2	2
5	Tunable Assembly of Organic-Inorganic Molecules into Hierarchical Superstructures as Ligase Mimics for Enhancing Tumor Photothermal Therapy.. <i>Small</i> , 2022 , e2105304	11	2
4	Efficient water-mediated synthesis of bismuth oxyiodide with several distinct morphologies. <i>CrystEngComm</i> , 2020 , 22, 1754-1761	3.3	1
3	Effective separation of Ebsarone and Ebsarone in TCM by covalent organic framework modified by magnetic solid phase extraction. <i>Microchemical Journal</i> , 2021 , 175, 107015	4.8	1
2	A magnetic, luminescent and mesoporous nanocomposite as protein drug Carrier. <i>Microporous and Mesoporous Materials</i> , 2019 , 277, 261-266	5.3	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