Ruixia Gao

List of Publications by Year
in descending order

37 papers	1,107 citations	361413 20 h-index	395702 33 g-index
37 all docs	37 docs citations	37 times ranked	1089 citing authors

#	Article	IF	Citations
1	Combination of surface imprinting and immobilized template techniques for preparation of coreâ€“shell molecularly imprinted polymers based on directly amino-modified Fe₃O₄nanoparticles for specific recognition of bovine hemoglobin. Journal of Materials Chemistry B, 2014, 2, 1733-1741.	5.8	141
2	A highly-efficient imprinted magnetic nanoparticle for selective separation and detection of 17Î²-estradiol in milk. Food Chemistry, 2016, 194, 1040-1047.	8.2	95
3	A facile method for protein imprinting on directly carboxyl-functionalized magnetic nanoparticles using non-covalent template immobilization strategy. Chemical Engineering Journal, 2016, 284, 139-148.	12.7	82
4	Water-compatible magnetic imprinted nanoparticles served as solid-phase extraction sorbents for selective determination of trace 17beta-estradiol in environmental water samples by liquid chromatography. Journal of Chromatography A, 2015, 1396, 7-16.	3.7	72
5	Specific recognition of bovine serum albumin using superparamagnetic molecularly imprinted nanomaterials prepared by two-stage coreâ€“shell solâ€“gel polymerization. Journal of Materials Chemistry B, 2014, 2, 783-792.	5.8	48
6	Selective extraction and determination of chlorogenic acid in fruit juices using hydrophilic magnetic imprinted nanoparticles. Food Chemistry, 2016, 200, 215-222.	8.2	47
7	Novel bayberry-and-honeycomb-like magnetic surface molecularly imprinted polymers for the selective enrichment of rutin from Sophora japonica. Food Chemistry, 2021, 356, 129722.	8.2	45
8	Preparation of Cu2+-mediated magnetic imprinted polymers for the selective sorption of bovine hemoglobin. Talanta, 2016, 150, 46-53.	5.5	41
9	Surface imprinted polymers based on amino-hyperbranched magnetic nanoparticles for selective extraction and detection of chlorogenic acid in Honeysuckle tea. Talanta, 2018, 181, 271-277.	5.5	41
10	Bifunctional monomer magnetic imprinted nanomaterials for selective separation of tetracyclines directly from milk samples. Journal of Colloid and Interface Science, 2018, 515, 18-26.	9.4	40
11	High-efficiency recognition and detection of sulindac in sewage using hydrophilic imprinted resorcinol-formaldehyde resin magnetic nano-spheres as SPE adsorbents combined with HPLC. Chemical Engineering Journal, 2020, 392, 123716.	12.7	34
12	Selective extraction of gallic acid in pomegranate rind using surface imprinting polymers over magnetic carbon nanotubes. Analytical and Bioanalytical Chemistry, 2015, 407, 7681-7690.	3.7	33
13	Preparation of biocompatible molecularly imprinted shell on superparamagnetic iron oxide nanoparticles for selective depletion of bovine hemoglobin in biological sample. Journal of Colloid and Interface Science, 2016, 470, 100-107.	9.4	30
14	Amphiphilic coreâ€“shell magnetic adsorbents for efficient removal and detection of phthalate esters. Chemical Engineering Journal, 2021, 423, 129817.	12.7	30
15	Selective adsorption of protein by a high-efficiency Cu²⁺-cooperated magnetic imprinted nanomaterial. Journal of Separation Science, 2016, 39, 2876-2883.	2.5	27
16	Highly-efficient amphiphilic magnetic nanocomposites based on a simple sol-gel modification for adsorption of phthalate esters. Journal of Colloid and Interface Science, 2019, 552, 142-152.	9.4	27
17	Conjugated polymer nanoparticles and their nanohybrids as smart photoluminescent and photoresponsive material for biosensing, imaging, and theranostics. Mikrochimica Acta, 2022, 189, 83.	5.0	25
18	A high-loading drug delivery system based on magnetic nanomaterials modified by hyperbranched phenylboronic acid for tumor-targeting treatment with pH response. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110375.	5.0	24

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19	Aggregation and Binding-Directed FRET Modulation of Conjugated Polymer Materials for Selective and Point-of-Care Monitoring of Serum Albumins. Analytical Chemistry, 2022, 94, 10685-10694.	6.5	24
20	Hydrophilic magnetic molecularly imprinted nanobeads for efficient enrichment and high performance liquid chromatographic detection of 17beta-estradiol in environmental water samples. Talanta, 2020, 220, 121367.	5.5	23
21	A Novel Molecularly Imprinted Polymer Based on Carbon Nanotubes for Selective Determination of Dioctyl Phthalate from Beverage Samples Coupled with GC/MS. Food Analytical Methods, 2016, 9, 2026-2035.	2.6	22
22	Oneâ€step preparation of magnetic imprinted nanoparticles adopting dopamineâ€cupric ion as a coâ€monomer for the specific recognition of bovine hemoglobin. Journal of Separation Science, 2015, 38, 3568-3574.	2.5	21
23	Facile and green synthesis of polysaccharide-based magnetic molecularly imprinted nanoparticles for protein recognition. RSC Advances, 2015, 5, 88436-88444.	3.6	19
24	Layer-by-layer assembled magnetic molecularly imprinted nanoparticles for the highly specific recovery of luteolin from honeysuckle leaves. Green Chemistry, 2021, 23, 3623-3632.	9.0	18
25	Multi-stimuli responsive molecularly imprinted nanoparticles with tailorable affinity for modulated specific recognition of human serum albumin. Journal of Materials Chemistry B, 2022, 10, 6634-6643.	5.8	14
26	Reviewâ€”Recent Advances of Signal Amplified Smart Conjugated Polymers for Optical Detection on Solid Support. ECS Journal of Solid State Science and Technology, 2021, 10, 037006.	1.8	13
27	Fabrication of acid-resistant imprinted layer on magnetic nanomaterials for selective extraction of chlorogenic acid in Honeysuckle. Analytica Chimica Acta, 2021, 1161, 338475.	5.4	10
28	Fabrication of metal coordination-synergistic magnetic imprinted microspheres based on ligand-free Fe3O4â€“Cu for specific recognition of bovine hemoglobin. Talanta, 2021, 233, 122496.	5.5	10
29	Coreâ€“shell nano-sized magnetic molecularly imprinted solid phase extractant coupled with HPLC for the selective isolation and determination of 17Î²-estradiol in a lake water sample. Analytical Methods, 2014, 6, 9791-9799.	2.7	9
30	Preparation and application of magnetic molecularly imprinted nanoparticles for the selective extraction of osthole in Libanotis Buchtomensis herbal extract. Journal of Separation Science, 2016, 39, 2313-2320.	2.5	9
31	Multiwall Carbon Nanotubes Non-covalently Functionalized by Porphyrinâ€“Sn Networks for Protein Adsorption. ACS Applied Nano Materials, 2021, 4, 2345-2350.	5.0	9
32	Preparation of lightweight daisy-like magnetic molecularly imprinted polymers via etching synergized template immobilization for enhanced rapid detection of trace 17Î²-estradiol. Journal of Hazardous Materials, 2022, 424, 127216.	12.4	9
33	One-Step Synthesis of Sustainable Montmorillonite-Supported, Copper-Doped Magnetic Nanoparticles for Highly Specific Separation of His-Rich Proteins. ACS Sustainable Chemistry and Engineering, 2022, 10, 5341-5351.	6.7	8
34	Magnetic imprinted nanoparticles with synergistic tailoring of covalent and non-covalent interactions for purification and detection of procyanidin B2. Mikrochimica Acta, 2021, 188, 17.	5.0	5
35	The Ceriumâ€“Zirconium Binary Oxide as an Efficient Catalyst for Oxidation of Î±-Methylstyrene Oxide into Atrolactic Acid. Catalysis Letters, 2020, 150, 2607-2616.	2.6	1
36	Editorial: Advanced Silica Nanomaterials for Drug Delivery. Frontiers in Chemistry, 2021, 9, 677647.	3.6	1

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37	Preparation of Controllable Non-covalent Functionalized Carbon Nanotubes with Metalloporphyrin-Sn Network and Application to Protein Adsorption. Acta Chimica Sinica, 2022, 80, 126.	1.4	0