Xian-Hua Wang

List of Publications by Year
in descending order

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37	634	471509 17	610901 24
papers	citations	h-index	g-index

37	37	37	697
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PEGylation of boronate-affinity-oriented surface imprinting magnetic nanoparticles with improved performance. Talanta, 2022, 238, 122992.	5.5	9
2	Preparation of boronate-modified larger mesoporous polymer microspheres with fumed silica nanoparticle and toluene as synergistic porogen for selective separation of sulfonamides. Microchemical Journal, 2022, 175, 107193.	4.5	1
3	Poly(caffeic acid)-coated molecularly imprinted magnetic nanoparticles for specific and ultrasensitive detection of glycoprotein. Talanta, 2022, 241, 123240.	5.5	9
4	Hydrophilic rhodamine B-loaded / boronic acid-modified graphene oxide nanocomposite as a substitute of enzyme-labeled second antibody for ultrasensitive detection of antibodies. Journal of Pharmaceutical and Biomedical Analysis, 2022, 216, 114804.	2.8	1
5	Construction of PEGylated boronate-affinity-oriented imprinting magnetic nanoparticles for ultrasensitive detection of ellagic acid from beverages. Analytical and Bioanalytical Chemistry, 2022, 414, 6557-6570.	3.7	1
6	Fabrication of self-healing magnetic nanoreceptors for glycoprotein via integrating boronate-affinity-oriented and sequential surface imprinting. Analytica Chimica Acta, 2022, 1221, 340108.	5.4	7
7	Integrating boronate affinity controllable-oriented surface imprinting nylon wire and pH-triggered allochroic-graphene oxide for ultrasensitive detection of glycoprotein. Sensors and Actuators B: Chemical, 2021, 330, 129310.	7.8	22
8	Advances and applications of in-tube solid-phase microextraction for analysis of proteins. Journal of Chromatography A, 2021, 1640, 461962.	3.7	9
9	Preparation and characterization of cyclic citrullinated peptide-immobilized latex beads for measurement of anti-citrillinated protein antibody through latex particle-enhanced turbidimetric immunoassay. Journal of Chromatography A, 2021, 1642, 462000.	3.7	4
10	Visual detection of hepatocellular carcinoma cells with cell imprinted substrate and pH-sensitive allochroic-graphene oxide. Materials Science and Engineering C, 2021, 123, 111966.	7.3	2
11	Rapid and ultrasensitive detection of ellagic acid by integrating boronate-affinity controllable-oriented imprinted magnetic nanoparticle and boronic acid-modified / polyethylene glycol-coated allochroic-graphene oxide. Sensors and Actuators B: Chemical, 2021, 345, 130400.	7.8	11
12	Ultrasensitive and specific detection of glycoprotein with boronic acid-modified / fluorescein isothiocyanate-loaded graphene oxide as signal amplification matrix. Sensors and Actuators B: Chemical, 2021, 344, 130327.	7.8	11
13	Preparation of phenylâ€“boronic acid polymeric monolith by initiator-free ring-opening polymerization for microextraction of sulfonamides prior to their determination by ultra-performance liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2020, 1609, 460510.	3.7	11
14	Preparation of magnetic mesoporous epoxy resin by initiator-free ring-opening polymerization for extraction of bile acids from human serum. Journal of Chromatography A, 2020, 1609, 460448.	3.7	10
15	Preparation of teamed boronate affinity magnetic nanoparticles for extraction of polyphenols from Flos Lonicerae Beverage under neutral pH prior to their determination by high-performance liquid chromatography-mass spectrometry. Journal of Chromatography A, 2020, 1619, 460913.	3.7	18
16	Boronate decorated membrane via atom transfer radical polymerization for separation and enrichment of polyphenols from tea drinks. Analytical Methods, 2019, 11, 4116-4125.	2.7	4
17	Facile Synthesis of Boronate Affinity-Based Molecularly Imprinted Monolith with Reduced Capturing pH Towards Cis-Diol-Containing Compounds. Chromatographia, 2019, 82, 1029-1040.	1.3	5
18	Ligand fishing with cellular membrane-coated cellulose filter paper: a new method for screening of potential active compounds from natural products. Analytical and Bioanalytical Chemistry, 2019, 411, 1989-2000.	3.7	12

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19	Preparation of phenyl-boronic acid polymer monolith by initiator-free ring-opening polymerization for microextraction of sulfamethoxazole and trimethoprim from animal-originated foodstuffs. Journal of Chromatography A, 2019, 1590, 10-18.	3.7	17
20	Synthesis of boronate-decorated polyethyleneimine-grafted porous layer open tubular capillaries for enrichment of polyphenols in fruit juices. Journal of Chromatography A, 2018, 1544, 23-32.	3.7	29
21	Boronate affinity monolith via two-step atom transfer radical polymerization for specific capture of cis -diol-containing compounds. European Polymer Journal, 2018, 100, 270-277.	5.4	20
22	Synthesis of multirecognition magnetic molecularly imprinted polymer by atom transfer radical polymerization and its application in magnetic solid-phase extraction. Analytical and Bioanalytical Chemistry, 2018, 410, 247-257.	3.7	33
23	Metabolomics-Based Clinical Efficacy and Effect on the Endogenous Metabolites of Tangzhiqing Tablet, a Chinese Patent Medicine for Type 2 Diabetes Mellitus with Hypertriglyceridemia. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-11.	1.2	16
24	Green synthesis of water-compatible and thermo-responsive molecularly imprinted nanoparticles. European Polymer Journal, 2017, 92, 174-184.	5.4	14
25	Poly(glycidyl methacrylate) nanoparticle-coated capillary with oriented antibody immobilization for immunoaffinity in-tube solid phase microextraction: Preparation and characterization. Journal of Chromatography A, 2017, 1509, 1-8.	3.7	23
26	Preparation and characterization of micro-cell membrane chromatographic column with N-hydroxysuccinimide group-modified silica-based porous layer open tubular capillary. Journal of Chromatography A, 2017, 1516, 125-130.	3.7	19
27	Enhancement of selective separation on molecularly imprinted monolith by molecular crowding agent. Analytical and Bioanalytical Chemistry, 2017, 409, 201-211.	3.7	19
28	Preparation and characterization of dual-template molecularly imprinted monolith with metal ion as pivot. European Polymer Journal, 2016, 80, 134-144.	5.4	25
29	Macromolecular crowding of molecular imprinting: A facile pathway to produce drug delivery devices for zero-order sustained release. International Journal of Pharmaceutics, 2015, 496, 822-833.	5.2	62
30	Novel polystyrene/antibody nanoparticle-coated capillary for immunoaffinity in-tube solid-phase microextraction. Analytical and Bioanalytical Chemistry, 2015, 407, 2771-2775.	3.7	19
31	Comparison of multi-recognition molecularly imprinted polymers for recognition of melamine, cyromazine, triamterene, and trimethoprim. Analytical and Bioanalytical Chemistry, 2015, 407, 7145-7155.	3.7	14
32	Synthesis of monodisperse molecularly imprinted microspheres with multi-recognition ability via precipitation polymerization for the selective extraction of cyromazine, melamine, triamterene and trimethoprim. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1007, 127-131.	2.3	18
33	Thermoresponsive ketoprofen-imprinted monolith prepared in ionic liquid. Analytical and Bioanalytical Chemistry, 2014, 406, 5359-5367.	3.7	30
34	Carprofen-imprinted monolith prepared by reversible additionâ€“fragmentation chain transfer polymerization in room temperature ionic liquids. Analytical and Bioanalytical Chemistry, 2013, 405, 8597-8605.	3.7	28
35	Preparation of a magnetic molecularly imprinted polymer with pseudo template for rapid simultaneous determination of cyromazine and melamine in bio-matrix samples. Analytical and Bioanalytical Chemistry, 2012, 404, 1555-1564.	3.7	33
36	The application of pseudo template molecularly imprinted polymer to the solidâ€phase extraction of cyromazine and its metabolic melamine from egg and milk. Journal of Separation Science, 2012, 35, 1432-1438.	2.5	28

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37	Low cross-linked molecularly imprinted monolithic column prepared in molecular crowding conditions. Journal of Chromatography A, 2011, 1218, 9236-9243.	3.7	40