

Xian-Hua Wang

List of Publications by Year in descending order

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37
papers

634
citations

471509

17
h-index

610901

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37
all docs

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37
times ranked

697
citing authors

#	ARTICLE	IF	CITATIONS
1	Macromolecular crowding of molecular imprinting: A facile pathway to produce drug delivery devices for zero-order sustained release. <i>International Journal of Pharmaceutics</i> , 2015, 496, 822-833.	5.2	62
2	Low cross-linked molecularly imprinted monolithic column prepared in molecular crowding conditions. <i>Journal of Chromatography A</i> , 2011, 1218, 9236-9243.	3.7	40
3	Preparation of a magnetic molecularly imprinted polymer with pseudo template for rapid simultaneous determination of cyromazine and melamine in bio-matrix samples. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1555-1564.	3.7	33
4	Synthesis of multirecognition magnetic molecularly imprinted polymer by atom transfer radical polymerization and its application in magnetic solid-phase extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 247-257.	3.7	33
5	Thermoresponsive ketoprofen-imprinted monolith prepared in ionic liquid. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 5359-5367.	3.7	30
6	Synthesis of boronate-decorated polyethyleneimine-grafted porous layer open tubular capillaries for enrichment of polyphenols in fruit juices. <i>Journal of Chromatography A</i> , 2018, 1544, 23-32.	3.7	29
7	The application of pseudo template molecularly imprinted polymer to the solid-phase extraction of cyromazine and its metabolic melamine from egg and milk. <i>Journal of Separation Science</i> , 2012, 35, 1432-1438.	2.5	28
8	Carprofen-imprinted monolith prepared by reversible addition-fragmentation chain transfer polymerization in room temperature ionic liquids. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 8597-8605.	3.7	28
9	Preparation and characterization of dual-template molecularly imprinted monolith with metal ion as pivot. <i>European Polymer Journal</i> , 2016, 80, 134-144.	5.4	25
10	Poly(glycidyl methacrylate) nanoparticle-coated capillary with oriented antibody immobilization for immunoaffinity in-tube solid phase microextraction: Preparation and characterization. <i>Journal of Chromatography A</i> , 2017, 1509, 1-8.	3.7	23
11	Integrating boronate affinity controllable-oriented surface imprinting nylon wire and pH-triggered allochroic-graphene oxide for ultrasensitive detection of glycoprotein. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129310.	7.8	22
12	Boronate affinity monolith via two-step atom transfer radical polymerization for specific capture of cis -diol-containing compounds. <i>European Polymer Journal</i> , 2018, 100, 270-277.	5.4	20
13	Novel polystyrene/antibody nanoparticle-coated capillary for immunoaffinity in-tube solid-phase microextraction. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2771-2775.	3.7	19
14	Preparation and characterization of micro-cell membrane chromatographic column with N-hydroxysuccinimide group-modified silica-based porous layer open tubular capillary. <i>Journal of Chromatography A</i> , 2017, 1516, 125-130.	3.7	19
15	Enhancement of selective separation on molecularly imprinted monolith by molecular crowding agent. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 201-211.	3.7	19
16	Synthesis of monodisperse molecularly imprinted microspheres with multi-recognition ability via precipitation polymerization for the selective extraction of cyromazine, melamine, triamterene and trimethoprim. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1007, 127-131.	2.3	18
17	Preparation of teamed boronate affinity magnetic nanoparticles for extraction of polyphenols from <i>Flos Loniceræ</i> Beverage under neutral pH prior to their determination by high-performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1619, 460913.	3.7	18
18	Preparation of phenyl-boronic acid polymer monolith by initiator-free ring-opening polymerization for microextraction of sulfamethoxazole and trimethoprim from animal-originated foodstuffs. <i>Journal of Chromatography A</i> , 2019, 1590, 10-18.	3.7	17

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19	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
20	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
21	Green synthesis of water-compatible and thermo-responsive molecularly imprinted nanoparticles. European Polymer Journal, 2017, 92, 174-184.	5.4	14
22	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
23	Preparation of phenylboronic acid polymeric monolith by initiator-free ring-opening polymerization for microextraction of sulfonamides prior to their determination by ultra-performance liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2020, 1609, 460510.	3.7	11
24	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
25	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
26	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
27	Advances and applications of in-tube solid-phase microextraction for analysis of proteins. Journal of Chromatography A, 2021, 1640, 461962.	3.7	9
28	PEGylation of boronate-affinity-oriented surface imprinting magnetic nanoparticles with improved performance. Talanta, 2022, 238, 122992.	5.5	9
29	Poly(caffeic acid)-coated molecularly imprinted magnetic nanoparticles for specific and ultrasensitive detection of glycoprotein. Talanta, 2022, 241, 123240.	5.5	9
30	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
31	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
32	Boronate decorated membrane <i>via</i> atom transfer radical polymerization for separation and enrichment of polyphenols from tea drinks. Analytical Methods, 2019, 11, 4116-4125.	2.7	4
33	Preparation and characterization of cyclic citrullinated peptide-immobilized latex beads for measurement of anti-citrullinated protein antibody through latex particle-enhanced turbidimetric immunoassay. Journal of Chromatography A, 2021, 1642, 462000.	3.7	4
34	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
35	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
36	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

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37	Construction of PEGylated boronate-affinity-oriented imprinting magnetic nanoparticles for ultrasensitive detection of ellagic acid from beverages. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 6557-6570.	3.7	1