Na Hu

List of Publications by Year
in descending order

82 papers	3,896 citations	101543 36 h-index	128289 60 g-index
83 all docs	83 docs citations	83 times ranked	5183 citing authors

#	Article	IF	Citations
1	Recent progress in the design fabrication of metal-organic frameworks-based nanozymes and their applications to sensing and cancer therapy. Biosensors and Bioelectronics, 2019, 137, 178-198.	10.1	249
2	The simultaneous detection and removal of organophosphorus pesticides by a novel Zr-MOF based smart adsorbent. Journal of Materials Chemistry A, 2018, 6, 2184-2192.	10.3	214
3	Oxygenâ€Generating MnO₂ Nanodotsâ€Anchored Versatile Nanoplatform for Combined Chemoâ€Photodynamic Therapy in Hypoxic Cancer. Advanced Functional Materials, 2018, 28, 1706375.	14.9	203
4	Wet-chemistry topotactic synthesis of bimetallic ironâ€“nickel sulfide nanoarrays: an advanced and versatile catalyst for energy efficient overall water and urea electrolysis. Journal of Materials Chemistry A, 2018, 6, 4346-4353.	10.3	181
5	Traditional NiCo₂S₄ Phase with Porous Nanosheets Array Topology on Carbon Cloth: A Flexible, Versatile and Fabulous Electrocatalyst for Overall Water and Urea Electrolysis. ACS Sustainable Chemistry and Engineering, 2018, 6, 5011-5020.	6.7	164
6	Simultaneous optimization of the ultrasound-assisted extraction for phenolic compounds content and antioxidant activity of Lycium ruthenicum Murr. fruit using response surface methodology. Food Chemistry, 2018, 242, 1-8.	8.2	160
7	Recent progress in the construction of nanozyme-based biosensors and their applications to food safety assay. TrAC - Trends in Analytical Chemistry, 2019, 121, 115668.	11.4	160
8	High effective adsorption/removal of illegal food dyes from contaminated aqueous solution by Zr-MOFs (UiO-67). Food Chemistry, 2018, 254, 241-248.	8.2	142
9	Effective Enrichment and Detection of Trace Polycyclic Aromatic Hydrocarbons in Food Samples based on Magnetic Covalent Organic Framework Hybrid Microspheres. Journal of Agricultural and Food Chemistry, 2018, 66, 3572-3580.	5.2	124
10	Recent advances in the construction of functionalized covalent organic frameworks and their applications to sensing. Biosensors and Bioelectronics, 2019, 145, 111699.	10.1	124
11	Ratiometric Surface Enhanced Raman Scattering Immunosorbent Assay of Allergenic Proteins via Covalent Organic Framework Composite Material Based Nanozyme Tag Triggered Raman Signal â€œTurn-onâ€•and Amplification. Analytical Chemistry, 2019, 91, 11687-11695.	6.5	108
12	Conductive Leaflike Cobalt Metalâ€“Organic Framework Nanoarray on Carbon Cloth as a Flexible and Versatile Anode toward Both Electrocatalytic Glucose and Water Oxidation. Inorganic Chemistry, 2018, 57, 8422-8428.	4.0	99
13	Layered vanadium(IV) disulfide nanosheets as a peroxidase-like nanozyme for colorimetric detection of glucose. Mikrochimica Acta, 2018, 185, 7.	5.0	96
14	Bioinspired foam with large 3D macropores for efficient solar steam generation. Journal of Materials Chemistry A, 2018, 6, 16220-16227.	10.3	81
15	Anthocyanins from Lycium ruthenicum Murr. Ameliorated <scp>d</scp>-Galactose-Induced Memory Impairment, Oxidative Stress, and Neuroinflammation in Adult Rats. Journal of Agricultural and Food Chemistry, 2019, 67, 3140-3149.	5.2	79
16	Sulphonate functionalized covalent organic framework-based magnetic sorbent for effective solid phase extraction and determination of fluoroquinolones. Journal of Chromatography A, 2020, 1612, 460651.	3.7	76
17	Patulin removal from apple juice using a novel cysteine-functionalized metal-organic framework adsorbent. Food Chemistry, 2019, 270, 1-9.	8.2	70
18	In-Situ Fixation of All-Inorganic Moâ€“Feâ€“S Clusters for the Highly Selective Removal of Lead(II). ACS Applied Materials & Interfaces, 2017, 9, 32720-32726.	8.0	65

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19	Subcritical water extraction, UPLC-Triple-TOF/MS analysis and antioxidant activity of anthocyanins from Lycium ruthenicum Murr.. Food Chemistry, 2018, 249, 119-126.	8.2	64
20	Monitoring the contents of six steroidal and phenolic endocrine disrupting chemicals in chicken, fish and aquaculture pond water samples using pre-column derivatization and dispersive liquidâ€“liquid microextraction with the aid of experimental design methodology. Food Chemistry, 2016, 192, 98-106.	8.2	61
21	Emerging strategies for the activity assay and inhibitor screening of alpha-glucosidase. Food and Function, 2020, 11, 66-82.	4.6	61
22	Agar Aerogel Containing Small-Sized Zeolitic Imidazolate Framework Loaded Carbon Nitride: A Solar-Triggered Regenerable Decontaminant for Convenient and Enhanced Water Purification. ACS Sustainable Chemistry and Engineering, 2017, 5, 9347-9354.	6.7	60
23	A hybrid monolithic column based on layered double hydroxide-alginate hydrogel for selective solid phase extraction of lead ions in food and water samples. Food Chemistry, 2018, 257, 155-162.	8.2	57
24	Rapid qualitative and quantitative analyses of eighteen phenolic compounds from Lycium ruthenicum Murray by UPLC-Q-Orbitrap MS and their antioxidant activity. Food Chemistry, 2018, 269, 150-156.	8.2	56
25	Surface Engineering of a Nickel Oxideâ€“Nickel Hybrid Nanoarray as a Versatile Catalyst for Both Superior Water and Urea Oxidation. Inorganic Chemistry, 2018, 57, 4693-4698.	4.0	51
26	Novel Fabrication of Solar Light-Heated Sponge through Polypyrrole Modification Method and Their Applications for Fast Cleanup of Viscous Oil Spills. Industrial & Engineering Chemistry Research, 2018, 57, 4955-4966.	3.7	50
27	Fluorometric determination of dopamine by using molybdenum disulfide quantum dots. Mikrochimica Acta, 2018, 185, 234.	5.0	50
28	An improved clenbuterol detection by immunochromatographic assay with bacteria@Au composite as signal amplifier. Food Chemistry, 2018, 262, 48-55.	8.2	49
29	Flavonoid Glycosides from Fenugreek Seeds Regulate Glycolipid Metabolism by Improving Mitochondrial Function in 3T3-L1 Adipocytes in Vitro. Journal of Agricultural and Food Chemistry, 2018, 66, 3169-3178.	5.2	47
30	Robust hybrid enzyme nanoreactor mediated plasmonic sensing strategy for ultrasensitive screening of anti-diabetic drug. Biosensors and Bioelectronics, 2018, 99, 653-659.	10.1	46
31	Dexamethasone-Induced Mitochondrial Dysfunction and Insulin Resistance-Study in 3T3-L1 Adipocytes and Mitochondria Isolated from Mouse Liver. Molecules, 2019, 24, 1982.	3.8	46
32	Adsorptive catalysis of hierarchical porous heteroatom-doped biomass: from recovered heavy metal to efficient pollutant decontamination. Journal of Materials Chemistry A, 2018, 6, 16690-16698.	10.3	45
33	Isolation, Stability, and Antioxidant Activity of Anthocyanins from<i>Lycium ruthenicum</i>Murray and<i>Nitraria Tangutorum</i>Bobr of Qinghai-Tibetan Plateau. Separation Science and Technology, 2014, 49, 2897-2906.	2.5	43
34	Simultaneous Determination of Seven Biogenic Amines in Foodstuff Samples Using One-Step Fluorescence Labeling and Dispersive Liquidâ€“Liquid Microextraction Followed by HPLC-FLD and Method Optimization Using Response Surface Methodology. Food Analytical Methods, 2015, 8, 685-695.	2.6	40
35	Magnetic covalent organic framework material: synthesis and application as a sorbent for polycyclic aromatic hydrocarbons. Analytical Methods, 2018, 10, 5014-5024.	2.7	40
36	Synthesis of Porous CoFe2O4 and Its Application as a Peroxidase Mimetic for Colorimetric Detection of H2O2 and Organic Pollutant Degradation. Nanomaterials, 2018, 8, 451.	4.1	40

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37	Simultaneous determination of six triterpenic acids in some Chinese medicinal herbs using ultrasound-assisted dispersive liquidâ€“liquid microextraction and high-performance liquid chromatography with fluorescence detection. Journal of Pharmaceutical and Biomedical Analysis, 2015, 107, 98-107.	2.8	37
38	A highly sensitive and selective method for determination of phenoxy carboxylic acids from environmental water samples by dispersive solid-phase extraction coupled with ultra high performance liquid chromatography-tandem mass spectrometry. Talanta, 2019, 191, 313-323.	5.5	37
39	In vitro and in vivo biological activities of anthocyanins from Nitraria tangutorun Bobr. fruits. Food Chemistry, 2016, 194, 296-303.	8.2	35
40	Optimization, characterization, and biological activity of polysaccharides from Berberis dasystachya Maxim. International Journal of Biological Macromolecules, 2016, 85, 655-666.	7.5	31
41	Synthesis and characterization of dopamine-modified Ca-alginate/poly(N-isopropylacrylamide) microspheres for water retention and multi-responsive controlled release of agrochemicals. International Journal of Biological Macromolecules, 2020, 160, 518-530.	7.5	30
42	Ultrasensitive colorimetric sensing strategy based on ascorbic acid triggered remarkable photoactive-nanoperoxidase for signal amplification and its application to Î±-glucosidase activity detection. Talanta, 2018, 190, 103-109.	5.5	29
43	Stimuli-responsive Ca-alginate-based photothermal system with enhanced foliar adhesion for controlled pesticide release. Colloids and Surfaces B: Biointerfaces, 2021, 207, 112004.	5.0	27
44	From lamellar to hierarchical: overcoming the diffusion barriers of sulfide-intercalated layered double hydroxides for highly efficient water treatment. Journal of Materials Chemistry A, 2017, 5, 22506-22511.	10.3	26
45	Interfacial growth of nitrogen-doped carbon with multi-functional groups on the MoS2 skeleton for efficient Pb(II) removal. Science of the Total Environment, 2018, 631-632, 912-920.	8.0	25
46	Swelling and glyphosate-controlled release behavior of multi-responsive alginate-g-P(NIPAm-co-NDEAm)-based hydrogel. Carbohydrate Polymers, 2022, 282, 119113.	10.2	25
47	Determination of Hydrogen Sulfide in Wines Based on Chemical-Derivatization-Triggered Aggregation-Induced Emission by High-Performance Liquid Chromatography with Fluorescence Detection. Journal of Agricultural and Food Chemistry, 2020, 68, 876-883.	5.2	24
48	Fabrication of detonation nanodiamond@sodium alginate hydrogel beads and their performance in sunlight-triggered water release. RSC Advances, 2019, 9, 27961-27972.	3.6	18
49	A novel method for trace aldehyde determination in foodstuffs based on fluorescence labeling by HPLC with fluorescence detection and mass spectrometric identification. Food Analytical Methods, 2014, 7, 1546-1556.	2.6	17
50	Characterization, antioxidant, and neuroprotective effects of anthocyanins from Nitraria tangutorum Bobr. fruit. Food Chemistry, 2021, 353, 129435.	8.2	17
51	Microbial synthesis of hollow porous Prussian blue@yeast microspheres and their synergistic enhancement of organic pollutant removal performance. RSC Advances, 2019, 9, 16258-16270.	3.6	16
52	Separation and Purification of Five Flavone Glucosides and One Lignan from Caragana korshinskii Kom. by the Combination of HSCCC and Semi-preparative RPLC. Chromatographia, 2016, 79, 823-831.	1.3	15
53	Natural Sugar: A Green Assistance To Efficiently Exfoliate Inorganic Layered Nanomaterials. Inorganic Chemistry, 2018, 57, 5560-5566.	4.0	14
54	Sensitive determination of thiols in wine samples by a stable isotope-coded derivatization reagent d 0 / d 4 -acridone-10-ethyl-N-maleimide coupled with high-performance liquid chromatography-electrospray ionization-tandem mass spectrometry analysis. Journal of Chromatography A, 2017, 1491, 98-107.	3.7	13

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55	Biomass reinforced graphene oxide solid/liquid phase membrane extraction for the measurement of Pb(II) in food samples. Food Chemistry, 2018, 269, 9-15.	8.2	13
56	Rapid, Selective, and Sensitive Analysis of Triterpenic Acids inHippophae rhamnoidesL. Using HPLC with Pre-Column Fluorescent Derivatization and Identification with Post-Column APCI-MS. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 451-458.	1.0	11
57	Controllable conversion of Prussian blue@yeast bio-template into 3D cage-like magnetic Fe₃O₄@N-doped carbon absorbent and its cohesive regeneration by persulfate activation. RSC Advances, 2019, 9, 1151-1164.	3.6	11
58	Rapid Determination of Amino Acids of Nitraria tangutorum Bobr. from the Qinghai-Tibet Plateau Using HPLC-FLD-MS/MS and a Highly Selective and Sensitive Pre-Column Derivatization Method. Molecules, 2019, 24, 1665.	3.8	11
59	Application of chromatography technology in the separation of active alkaloids from Hypecoum leptocarpum and their inhibitory effect on fatty acid synthase. Journal of Separation Science, 2015, 38, 4063-4070.	2.5	9
60	HPLC determination of Î³â€aminobutyric acid and its analogs in human serum using precolumn fluorescence labeling with 4â€(carbazoleâ€9â€yl)â€benzyl chloroformate. Journal of Separation Science, 2019, 42, 826-833.	2.5	9
61	Molecular Sex Identification in Dioecious Hippophae rhamnoides L. via RAPD and SCAR Markers. Molecules, 2018, 23, 1048.	3.8	8
62	Thiol radical-based chemical isotope labelling for sterols quantitation through high performance liquid chromatography-tandem mass spectrometry analysis. Analytica Chimica Acta, 2020, 1097, 110-119.	5.4	8
63	A sensitive pre-column derivatization method for the analysis of free fatty acids by RP-HPLC with fluorescence detector and its application to Caragana species. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1064, 151-159.	2.3	7
64	Novel fabrication of a yeast biochar-based photothermal-responsive platform for controlled imidacloprid release. RSC Advances, 2021, 11, 19395-19405.	3.6	7
65	3â€(2â€Bromoacetamido)â€Nâ€(9â€ethylâ€9H)â€carbazol fluorescent probe and its application for the determination of thiophenols in rubber products by HPLC with fluorescence detection and atmospheric chemical ionization mass spectrometry identification. Journal of Separation Science, 2017, 40, 2528-2540.	2.5	6
66	Oligostilbenes extracts from Iris lactea Pall. var. chinensis (Fisch.) Koidz improve lipid metabolism in HFD/STZ-induced diabetic mice and inhibit adipogenesis in 3T3-L1 cells. Biomedicine and Pharmacotherapy, 2020, 131, 110800.	5.6	6
67	Silibinin Protects against H2O2-Induced Oxidative Damage in SH-SY5Y Cells by Improving Mitochondrial Function. Antioxidants, 2022, 11, 1101.	5.1	6
68	Comparison of using two different labeling reagents for rapid analysis of triterpenic acids by pre-column derivatization with RP-HPLC-FLD and application to plant samples. Analytical Methods, 2019, 11, 4354-4361.	2.7	5
69	Characterization of the complete chloroplast genome of Hippophae tibetana. Mitochondrial DNA Part B: Resources, 2020, 5, 593-594.	0.4	5
70	One Step to Separate Five Alkaloids fromHypecoum leptocarpumby High-Speed Counter-Current Chromatography. Journal of Chromatographic Science, 2015, 54, bmv153.	1.4	4
71	Rapid and sensitive screening of some acidic micronutrients in infant foods by HPLC with fluorescent detector. Journal of the Science of Food and Agriculture, 2016, 96, 2867-2873.	3.5	4
72	2-(4-Amino)-Phenyl-1-Hydrogen-Phenanthrene [9,10-d] Imidazole as a Novel Fluorescent Labeling Reagent for Determination of Fatty Acids in Raspberry. Food Analytical Methods, 2018, 11, 451-465.	2.6	4

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73	The complete chloroplast genome sequences of two species from Nitraria. Mitochondrial DNA Part B: Resources, 2019, 4, 1229-1230.	0.4	4
74	Preparative Separation ofN-Feruloyl Serotonin andN-(p-Coumaroyl) Serotonin from Safflower Seed Meal Using High-Speed Counter-Current Chromatography. Journal of Chromatographic Science, 2015, 53, 1341-1345.	1.4	3
75	Synchronous determination with double-wavelength by RP-HPLC-UV and optimization of ultrasound-assisted extraction of phenolic acids from Caragana species using response surface methodology. Journal of Pharmaceutical and Biomedical Analysis, 2017, 140, 182-189.	2.8	3
76	Complete chloroplast genome sequences of Hippophae neurocarpa. Mitochondrial DNA Part B: Resources, 2019, 4, 2048-2049.	0.4	3
77	Lauric Acid-Modified Nitraria Seed Meal Composite as Green Carrier Material for Pesticide Controlled Release. Journal of Chemistry, 2019, 2019, 1-12.	1.9	3
78	Nitraria tangutorum Bobr.-derived polysaccharides protect against LPS-induced lung injury. International Journal of Biological Macromolecules, 2021, 186, 71-78.	7.5	3
79	Determination of Fatty Acids in ThreeNitrariaSpecies by Precolumn Fluorescence Labeling for High-Performance Liquid Chromatography and Atmospheric Pressure Chemical Ionizationâ€“Mass Spectrometry. Analytical Letters, 2014, 47, 2475-2487.	1.8	2
80	Simultaneous determination of five triterpenic acids in fourCorydalisherb medicines by reversed-phase high performance liquid chromatographyâ€“fluorescence-mass spectrometer (RP-HPLCâ€“FLD-MS) based on pre-column derivatization. Journal of Liquid Chromatography and Related Technologies, 2018, 41, 49-57.	1.0	2
81	Asymmetric Synthesis of N â€Substituted 1,2â€Amino Alcohols from Simple Aldehydes and Amines by Oneâ€Pot Sequential Enzymatic Hydroxymethylation and Asymmetric Reductive Amination. Angewandte Chemie, 2022, 134, .	2.0	2
82	Analysis of Nitraria Tangutourum Bobr-Derived Fatty Acids with HPLC-FLD-Coupled Online Mass Spectrometry. Molecules, 2019, 24, 3836.	3.8	0