

Na Hu

List of Publications by Year in descending order

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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	Swelling and glyphosate-controlled release behavior of multi-responsive alginate-g-P(NIPAm-co-NDEAm)-based hydrogel. <i>Carbohydrate Polymers</i> , 2022, 282, 119113.	10.2	25
2	Asymmetric Synthesis of <i>N</i> -Substituted 1,2-Amino Alcohols from Simple Aldehydes and Amines by One-Pot Sequential Enzymatic Hydroxymethylation and Asymmetric Reductive Amination. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
3	Silibinin Protects against H ₂ O ₂ -Induced Oxidative Damage in SH-SY5Y Cells by Improving Mitochondrial Function. <i>Antioxidants</i> , 2022, 11, 1101.	5.1	6
4	Characterization, antioxidant, and neuroprotective effects of anthocyanins from <i>Nitraria tangutorum</i> Bobr. fruit. <i>Food Chemistry</i> , 2021, 353, 129435.	8.2	17
5	<i>Nitraria tangutorum</i> Bobr.-derived polysaccharides protect against LPS-induced lung injury. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 71-78.	7.5	3
6	Stimuli-responsive Ca-alginate-based photothermal system with enhanced foliar adhesion for controlled pesticide release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 207, 112004.	5.0	27
7	Novel fabrication of a yeast biochar-based photothermal-responsive platform for controlled imidacloprid release. <i>RSC Advances</i> , 2021, 11, 19395-19405.	3.6	7
8	Sulphonate functionalized covalent organic framework-based magnetic sorbent for effective solid phase extraction and determination of fluoroquinolones. <i>Journal of Chromatography A</i> , 2020, 1612, 460651.	3.7	76
9	Determination of Hydrogen Sulfide in Wines Based on Chemical-Derivatization-Triggered Aggregation-Induced Emission by High-Performance Liquid Chromatography with Fluorescence Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 876-883.	5.2	24
10	Emerging strategies for the activity assay and inhibitor screening of alpha-glucosidase. <i>Food and Function</i> , 2020, 11, 66-82.	4.6	61
11	Thiol radical-based chemical isotope labelling for sterols quantitation through high performance liquid chromatography-tandem mass spectrometry analysis. <i>Analytica Chimica Acta</i> , 2020, 1097, 110-119.	5.4	8
12	Oligostilbenes extracts from <i>Iris lactea</i> Pall. var. <i>chinensis</i> (Fisch.) Koidz improve lipid metabolism in HFD/STZ-induced diabetic mice and inhibit adipogenesis in 3T3-L1 cells. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110800.	5.6	6
13	Synthesis and characterization of dopamine-modified Ca-alginate/poly(N-isopropylacrylamide) microspheres for water retention and multi-responsive controlled release of agrochemicals. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 518-530.	7.5	30
14	Characterization of the complete chloroplast genome of <i>Hippophae tibetana</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 593-594.	0.4	5
15	Patulin removal from apple juice using a novel cysteine-functionalized metal-organic framework adsorbent. <i>Food Chemistry</i> , 2019, 270, 1-9.	8.2	70
16	The complete chloroplast genome sequences of two species from <i>Nitraria</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 1229-1230.	0.4	4
17	Ratiometric Surface Enhanced Raman Scattering Immunosorbent Assay of Allergenic Proteins via Covalent Organic Framework Composite Material Based Nanozyme Tag Triggered Raman Signal "Turn-on" and Amplification. <i>Analytical Chemistry</i> , 2019, 91, 11687-11695.	6.5	108
18	Complete chloroplast genome sequences of <i>Hippophae neurocarpa</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2048-2049.	0.4	3

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19	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. <i>Analytical Methods</i> , 2019, 11, 4354-4361.	2.7	5
20	Analysis of Nitraria Tangutourum Bobr-Derived Fatty Acids with HPLC-FLD-Coupled Online Mass Spectrometry. <i>Molecules</i> , 2019, 24, 3836.	3.8	0
21	Fabrication of detonation nanodiamond@ sodium alginate hydrogel beads and their performance in sunlight-triggered water release. <i>RSC Advances</i> , 2019, 9, 27961-27972.	3.6	18
22	Recent advances in the construction of functionalized covalent organic frameworks and their applications to sensing. <i>Biosensors and Bioelectronics</i> , 2019, 145, 111699.	10.1	124
23	Recent progress in the construction of nanozyme-based biosensors and their applications to food safety assay. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 121, 115668.	11.4	160
24	Controllable conversion of Prussian blue@ yeast bio-template into 3D cage-like magnetic Fe ₃ O ₄ @N-doped carbon absorbent and its cohesive regeneration by persulfate activation. <i>RSC Advances</i> , 2019, 9, 1151-1164.	3.6	11
25	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. <i>Molecules</i> , 2019, 24, 1665.	3.8	11
26	Microbial synthesis of hollow porous Prussian blue@ yeast microspheres and their synergistic enhancement of organic pollutant removal performance. <i>RSC Advances</i> , 2019, 9, 16258-16270.	3.6	16
27	Dexamethasone-Induced Mitochondrial Dysfunction and Insulin Resistance-Study in 3T3-L1 Adipocytes and Mitochondria Isolated from Mouse Liver. <i>Molecules</i> , 2019, 24, 1982.	3.8	46
28	Recent progress in the design fabrication of metal-organic frameworks-based nanozymes and their applications to sensing and cancer therapy. <i>Biosensors and Bioelectronics</i> , 2019, 137, 178-198.	10.1	249
29	Lauric Acid-Modified Nitraria Seed Meal Composite as Green Carrier Material for Pesticide Controlled Release. <i>Journal of Chemistry</i> , 2019, 2019, 1-12.	1.9	3
30	Anthocyanins from <i>Lycium ruthenicum</i> Murr. Ameliorated α -Galactose-Induced Memory Impairment, Oxidative Stress, and Neuroinflammation in Adult Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3140-3149.	5.2	79
31	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. <i>Talanta</i> , 2019, 191, 313-323.	5.5	37
32	HPLC determination of β -aminobutyric acid and its analogs in human serum using precolumn fluorescence labeling with 4-(carbazole-9-yl)benzyl chloroformate. <i>Journal of Separation Science</i> , 2019, 42, 826-833.	2.5	9
33	Simultaneous determination of five triterpenic acids in four <i>Corydalis</i> herb medicines by reversed-phase high performance liquid chromatography-fluorescence-mass spectrometer (RP-HPLC-FLD-MS) based on pre-column derivatization. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 49-57.	1.0	2
34	Traditional NiCo ₂ S ₄ Phase with Porous Nanosheets Array Topology on Carbon Cloth: A Flexible, Versatile and Fabulous Electrocatalyst for Overall Water and Urea Electrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5011-5020.	6.7	164
35	A hybrid monolithic column based on layered double hydroxide-alginate hydrogel for selective solid phase extraction of lead ions in food and water samples. <i>Food Chemistry</i> , 2018, 257, 155-162.	8.2	57
36	Surface Engineering of a Nickel Oxide-Nickel Hybrid Nanoarray as a Versatile Catalyst for Both Superior Water and Urea Oxidation. <i>Inorganic Chemistry</i> , 2018, 57, 4693-4698.	4.0	51

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37	Natural Sugar: A Green Assistance To Efficiently Exfoliate Inorganic Layered Nanomaterials. <i>Inorganic Chemistry</i> , 2018, 57, 5560-5566.	4.0	14
38	High effective adsorption/removal of illegal food dyes from contaminated aqueous solution by Zr-MOFs (UiO-67). <i>Food Chemistry</i> , 2018, 254, 241-248.	8.2	142
39	Wet-chemistry topotactic synthesis of bimetallic iron-nickel sulfide nanoarrays: an advanced and versatile catalyst for energy efficient overall water and urea electrolysis. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4346-4353.	10.3	181
40	Oxygen-Generating MnO ₂ Nanodots-Anchored Versatile Nanoplatfrom for Combined Chemo-Photodynamic Therapy in Hypoxic Cancer. <i>Advanced Functional Materials</i> , 2018, 28, 1706375.	14.9	203
41	The simultaneous detection and removal of organophosphorus pesticides by a novel Zr-MOF based smart adsorbent. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2184-2192.	10.3	214
42	Subcritical water extraction, UPLC-Triple-TOF/MS analysis and antioxidant activity of anthocyanins from <i>Lycium ruthenicum</i> Murr.. <i>Food Chemistry</i> , 2018, 249, 119-126.	8.2	64
43	Flavonoid Glycosides from Fenugreek Seeds Regulate Glycolipid Metabolism by Improving Mitochondrial Function in 3T3-L1 Adipocytes in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3169-3178.	5.2	47
44	Novel Fabrication of Solar Light-Heated Sponge through Polypyrrole Modification Method and Their Applications for Fast Cleanup of Viscous Oil Spills. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 4955-4966.	3.7	50
45	Fluorometric determination of dopamine by using molybdenum disulfide quantum dots. <i>Mikrochimica Acta</i> , 2018, 185, 234.	5.0	50
46	Interfacial growth of nitrogen-doped carbon with multi-functional groups on the MoS ₂ skeleton for efficient Pb(II) removal. <i>Science of the Total Environment</i> , 2018, 631-632, 912-920.	8.0	25
47	Effective Enrichment and Detection of Trace Polycyclic Aromatic Hydrocarbons in Food Samples based on Magnetic Covalent Organic Framework Hybrid Microspheres. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3572-3580.	5.2	124
48	2-(4-Amino)-Phenyl-1-Hydrogen-Phenanthrene [9,10-d] Imidazole as a Novel Fluorescent Labeling Reagent for Determination of Fatty Acids in Raspberry. <i>Food Analytical Methods</i> , 2018, 11, 451-465.	2.6	4
49	Simultaneous optimization of the ultrasound-assisted extraction for phenolic compounds content and antioxidant activity of <i>Lycium ruthenicum</i> Murr. fruit using response surface methodology. <i>Food Chemistry</i> , 2018, 242, 1-8.	8.2	160
50	Layered vanadium(IV) disulfide nanosheets as a peroxidase-like nanozyme for colorimetric detection of glucose. <i>Mikrochimica Acta</i> , 2018, 185, 7.	5.0	96
51	Robust hybrid enzyme nanoreactor mediated plasmonic sensing strategy for ultrasensitive screening of anti-diabetic drug. <i>Biosensors and Bioelectronics</i> , 2018, 99, 653-659.	10.1	46
52	Magnetic covalent organic framework material: synthesis and application as a sorbent for polycyclic aromatic hydrocarbons. <i>Analytical Methods</i> , 2018, 10, 5014-5024.	2.7	40
53	Biomass reinforced graphene oxide solid/liquid phase membrane extraction for the measurement of Pb(II) in food samples. <i>Food Chemistry</i> , 2018, 269, 9-15.	8.2	13
54	Conductive Leaflike Cobalt Metal-Organic Framework Nanoarray on Carbon Cloth as a Flexible and Versatile Anode toward Both Electrocatalytic Glucose and Water Oxidation. <i>Inorganic Chemistry</i> , 2018, 57, 8422-8428.	4.0	99

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55	Rapid qualitative and quantitative analyses of eighteen phenolic compounds from <i>Lycium ruthenicum</i> Murray by UPLC-Q-Orbitrap MS and their antioxidant activity. <i>Food Chemistry</i> , 2018, 269, 150-156.	8.2	56
56	Ultrasensitive colorimetric sensing strategy based on ascorbic acid triggered remarkable photoactive-nanoperoxidase for signal amplification and its application to $\hat{1}\pm$ -glucosidase activity detection. <i>Talanta</i> , 2018, 190, 103-109.	5.5	29
57	Adsorptive catalysis of hierarchical porous heteroatom-doped biomass: from recovered heavy metal to efficient pollutant decontamination. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16690-16698.	10.3	45
58	Bioinspired foam with large 3D macropores for efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16220-16227.	10.3	81
59	Molecular Sex Identification in Dioecious <i>Hippophae rhamnoides</i> L. via RAPD and SCAR Markers. <i>Molecules</i> , 2018, 23, 1048.	3.8	8
60	Synthesis of Porous CoFe ₂ O ₄ and Its Application as a Peroxidase Mimetic for Colorimetric Detection of H ₂ O ₂ and Organic Pollutant Degradation. <i>Nanomaterials</i> , 2018, 8, 451.	4.1	40
61	An improved clenbuterol detection by immunochromatographic assay with bacteria@Au composite as signal amplifier. <i>Food Chemistry</i> , 2018, 262, 48-55.	8.2	49
62	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. <i>Journal of Chromatography A</i> , 2017, 1491, 98-107.	3.7	13
63	3-((2-bromoacetamido)ethyl)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. <i>Journal of Separation Science</i> , 2017, 40, 2528-2540.	2.5	6
64	Synchronous determination with double-wavelength by RP-HPLC-LIV and optimization of ultrasound-assisted extraction of phenolic acids from <i>Caragana</i> species using response surface methodology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 182-189.	2.8	3
65	From lamellar to hierarchical: overcoming the diffusion barriers of sulfide-intercalated layered double hydroxides for highly efficient water treatment. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22506-22511.	10.3	26
66	Agar Aerogel Containing Small-Sized Zeolitic Imidazolate Framework Loaded Carbon Nitride: A Solar-Triggered Regenerable Decontaminant for Convenient and Enhanced Water Purification. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9347-9354.	6.7	60
67	In-Situ Fixation of All-Inorganic Mo-Fe-S Clusters for the Highly Selective Removal of Lead(II). <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32720-32726.	8.0	65
68	A sensitive pre-column derivatization method for the analysis of free fatty acids by RP-HPLC with fluorescence detector and its application to <i>Caragana</i> species. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1064, 151-159.	2.3	7
69	Separation and Purification of Five Flavone Glucosides and One Lignan from <i>Caragana korshinskii</i> Kom. by the Combination of HSCCC and Semi-preparative RPLC. <i>Chromatographia</i> , 2016, 79, 823-831.	1.3	15
70	Optimization, characterization, and biological activity of polysaccharides from <i>Berberis dasystachya</i> Maxim. <i>International Journal of Biological Macromolecules</i> , 2016, 85, 655-666.	7.5	31
71	Rapid and sensitive screening of some acidic micronutrients in infant foods by HPLC with fluorescent detector. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 2867-2873.	3.5	4
72	In vitro and in vivo biological activities of anthocyanins from <i>Nitraria tangutorun</i> Bobr. fruits. <i>Food Chemistry</i> , 2016, 194, 296-303.	8.2	35

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73	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 liquid-liquid microextraction with the aid of experimental design methodology. <i>Food Chemistry</i> , 2016, 192, 98-106.	8.2	61
74	Application of chromatography technology in the separation of active alkaloids from <i>Hypocym leptocarpum</i> and their inhibitory effect on fatty acid synthase. <i>Journal of Separation Science</i> , 2015, 38, 4063-4070.	2.5	9
75	Preparative Separation of <i>N</i> -Feruloyl Serotonin and <i>N</i> -(<i>p</i> -Coumaroyl) Serotonin from Safflower Seed Meal Using High-Speed Counter-Current Chromatography. <i>Journal of Chromatographic Science</i> , 2015, 53, 1341-1345.	1.4	3
76	Simultaneous determination of six triterpenic acids in some Chinese medicinal herbs using ultrasound-assisted dispersive liquid-liquid microextraction and high-performance liquid chromatography with fluorescence detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 98-107.	2.8	37
77	One Step to Separate Five Alkaloids from <i>Hypocym leptocarpum</i> by High-Speed Counter-Current Chromatography. <i>Journal of Chromatographic Science</i> , 2015, 54, 153.	1.4	4
78	Rapid, Selective, and Sensitive Analysis of Triterpenic Acids in <i>Hippophae rhamnoides</i> L. Using HPLC with Pre-Column Fluorescent Derivatization and Identification with Post-Column APCI-MS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 451-458.	1.0	11
79	Simultaneous Determination of Seven Biogenic Amines in Foodstuff Samples Using One-Step Fluorescence Labeling and Dispersive Liquid-Liquid Microextraction Followed by HPLC-FLD and Method Optimization Using Response Surface Methodology. <i>Food Analytical Methods</i> , 2015, 8, 685-695.	2.6	40
80	Isolation, Stability, and Antioxidant Activity of Anthocyanins from <i>Lycium ruthenicum</i> Murray and <i>Nitraria Tangutorum</i> Bobr of Qinghai-Tibetan Plateau. <i>Separation Science and Technology</i> , 2014, 49, 2897-2906.	2.5	43
81	A novel method for trace aldehyde determination in foodstuffs based on fluorescence labeling by HPLC with fluorescence detection and mass spectrometric identification. <i>Food Analytical Methods</i> , 2014, 7, 1546-1556.	2.6	17
82	Determination of Fatty Acids in Three <i>Nitraria</i> Species by Precolumn Fluorescence Labeling for High-Performance Liquid Chromatography and Atmospheric Pressure Chemical Ionization-Mass Spectrometry. <i>Analytical Letters</i> , 2014, 47, 2475-2487.	1.8	2