Aoxin Li

List of Publications by Year in descending order

23 papers	467 citations	758635 12 h-index	713013 21 g-index
23 all docs	23 docs citations	23 times ranked	644 citing authors

#	Article	IF	Citations
1	Allelopathic effects of switchgrass on redroot pigweed and crabgrass growth. Plant Ecology, 2021, 222, 1-12.	0.7	3
2	Isolation and purification of flavonoids from Euonymus alatus by highâ€speed countercurrent chromatography and neuroprotective effect of rhamnazinâ€3â€Oâ€rutinoside in vitro. Journal of Separation Science, 2021, 44, 4422-4430.	1.3	10
3	Synthesis of seleniumâ€“silver nanostructures with enhanced antibacterial, photocatalytic and antioxidant activities. Applied Nanoscience (Switzerland), 2020, 10, 1191-1204.	1.6	25
4	Cu/H₃BTC MOF as a potential antibacterial therapeutic agent against Staphylococcus aureus and Escherichia coli. New Journal of Chemistry, 2020, 44, 17671-17678.	1.4	47
5	Eco-benign approach to synthesize spherical iron oxide nanoparticles: A new insight in photocatalytic and biomedical applications. Journal of Photochemistry and Photobiology B: Biology, 2020, 205, 111821.	1.7	38
6	Identification of the impurities in chloroephedrine samples by HPLC-IT/TOF-MS and preparation of chloroephedrine standard. Australian Journal of Forensic Sciences, 2020, , 1-12.	0.7	2
7	Facile synthesis of laccase mimic Cu/H₃BTC MOF for efficient dye degradation and detection of phenolic pollutants. RSC Advances, 2019, 9, 40845-40854.	1.7	63
8	Coordination of GMP ligand with Cu to enhance the multiple enzymes stability and substrate specificity by co-immobilization process. Biochemical Engineering Journal, 2018, 136, 102-108.	1.8	31
9	Fast screening of flavonoids from switchgrass and Mikania micrantha by liquid chromatography hybrid-ion trap time-of-flight mass spectrometry. Analytical Methods, 2018, 10, 109-122.	1.3	16
10	Synthesis of fluorescent ionic liquid-functionalized silicon nanoparticles with tunable amphiphilicity and selective determination of Hg²⁺. Journal of Materials Chemistry B, 2018, 6, 8214-8220.	2.9	19
11	Facile synthesis of thiazole-functionalized magnetic microspheres for highly specific separation of heme proteins. New Journal of Chemistry, 2017, 41, 747-754.	1.4	1
12	Thiazolium-functionalized polymer-coated magnetic microspheres for the selective recognition and separation of hemoglobin. New Journal of Chemistry, 2017, 41, 13673-13680.	1.4	2
13	Fabrication of imidazolium-functionalized magnetic composite microspheres for selective recognition and separation of heme proteins. New Journal of Chemistry, 2017, 41, 5651-5659.	1.4	9
14	Metabolite identification of seven active components of Huanâ€Naoâ€Yiâ€Congâ€Fang in rat plasma using highâ€performance liquid chromatography combined with hybrid ion trap/timeâ€ofâ€flight mass spectrometry. Biomedical Chromatography, 2016, 30, 269-279.	0.8	11
15	Identification of the impurities in 2,5-dimethoxy-4-ethylphenethylamine tablets by high performance liquid chromatography mass spectrometry-ion trap-time of flight. Analytical Methods, 2016, 8, 8179-8187.	1.3	4
16	Amino acid-based ionic liquid surface modification of magnetic nanoparticles for the magnetic solid-phase extraction of heme proteins. RSC Advances, 2016, 6, 105550-105557.	1.7	9
17	Fabrication of chiral amino acid ionic liquid modified magnetic multifunctional nanospheres for centrifugal chiral chromatography separation of racemates. Journal of Chromatography A, 2015, 1400, 40-46.	1.8	44
18	Rapid screening and identification of non-target flavonoid components in invasive weeds by LC/MS-IT-TOF. Analytical Methods, 2015, 7, 10207-10216.	1.3	14

#	Article	IF	Citations
19	Polymer decorated magnetite materials as smart protein separators to manipulate the high loading of heme proteins. New Journal of Chemistry, 2015, 39, 5735-5742.	1.4	8
20	Highly selective isolation and purification of heme proteins in biological samples using multifunctional magnetic nanospheres. Journal of Separation Science, 2014, 37, 3745-3752.	1.3	15
21	Protein imprinting over magnetic nanospheres via a surface grafted polymer for specific capture of hemoglobin. New Journal of Chemistry, 2014, 38, 6064-6072.	1.4	15
22	Ionic liquid modified magnetic microspheres for isolation of heme protein with high binding capacity. Journal of Materials Chemistry B, 2013, 1, 2066.	2.9	40
23	A general chiral selector immobilized on silica magnetic microspheres for direct separation of racemates. Journal of Materials Chemistry, 2012, 22, 8499.	6.7	41