

# Aoxin Li

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Facile synthesis of laccase mimic Cu/H <sub>3</sub> BTC MOF for efficient dye degradation and detection of phenolic pollutants. <i>RSC Advances</i> , 2019, 9, 40845-40854.	1.7	63
2	Cu/H <sub>3</sub> BTC MOF as a potential antibacterial therapeutic agent against <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> . <i>New Journal of Chemistry</i> , 2020, 44, 17671-17678.	1.4	47
3	Fabrication of chiral amino acid ionic liquid modified magnetic multifunctional nanospheres for centrifugal chiral chromatography separation of racemates. <i>Journal of Chromatography A</i> , 2015, 1400, 40-46.	1.8	44
4	A general chiral selector immobilized on silica magnetic microspheres for direct separation of racemates. <i>Journal of Materials Chemistry</i> , 2012, 22, 8499.	6.7	41
5	Ionic liquid modified magnetic microspheres for isolation of heme protein with high binding capacity. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2066.	2.9	40
6	Eco-benign approach to synthesize spherical iron oxide nanoparticles: A new insight in photocatalytic and biomedical applications. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 205, 111821.	1.7	38
7	Coordination of GMP ligand with Cu to enhance the multiple enzymes stability and substrate specificity by co-immobilization process. <i>Biochemical Engineering Journal</i> , 2018, 136, 102-108.	1.8	31
8	Synthesis of selenium-silver nanostructures with enhanced antibacterial, photocatalytic and antioxidant activities. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 1191-1204.	1.6	25
9	Synthesis of fluorescent ionic liquid-functionalized silicon nanoparticles with tunable amphiphilicity and selective determination of Hg <sup>2+</sup> . <i>Journal of Materials Chemistry B</i> , 2018, 6, 8214-8220.	2.9	19
10	Fast screening of flavonoids from switchgrass and <i>Mikania micrantha</i> by liquid chromatography hybrid-ion trap time-of-flight mass spectrometry. <i>Analytical Methods</i> , 2018, 10, 109-122.	1.3	16
11	Highly selective isolation and purification of heme proteins in biological samples using multifunctional magnetic nanospheres. <i>Journal of Separation Science</i> , 2014, 37, 3745-3752.	1.3	15
12	Protein imprinting over magnetic nanospheres via a surface grafted polymer for specific capture of hemoglobin. <i>New Journal of Chemistry</i> , 2014, 38, 6064-6072.	1.4	15
13	Rapid screening and identification of non-target flavonoid components in invasive weeds by LC/MS-IT-TOF. <i>Analytical Methods</i> , 2015, 7, 10207-10216.	1.3	14
14	Metabolite identification of seven active components of Huan-Nao-Yi-Cong-Fang in rat plasma using high-performance liquid chromatography combined with hybrid ion trap/time-of-flight mass spectrometry. <i>Biomedical Chromatography</i> , 2016, 30, 269-279.	0.8	11
15	Isolation and purification of flavonoids from <i>Euonymus alatus</i> by high-speed countercurrent chromatography and neuroprotective effect of rhamnazine-rutinoid in vitro. <i>Journal of Separation Science</i> , 2021, 44, 4422-4430.	1.3	10
16	Amino acid-based ionic liquid surface modification of magnetic nanoparticles for the magnetic solid-phase extraction of heme proteins. <i>RSC Advances</i> , 2016, 6, 105550-105557.	1.7	9
17	Fabrication of imidazolium-functionalized magnetic composite microspheres for selective recognition and separation of heme proteins. <i>New Journal of Chemistry</i> , 2017, 41, 5651-5659.	1.4	9
18	Polymer decorated magnetite materials as smart protein separators to manipulate the high loading of heme proteins. <i>New Journal of Chemistry</i> , 2015, 39, 5735-5742.	1.4	8

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19	Identification of the impurities in 2,5-dimethoxy-4-ethylphenethylamine tablets by high performance liquid chromatography mass spectrometry-ion trap-time of flight. <i>Analytical Methods</i> , 2016, 8, 8179-8187.	1.3	4
20	Allelopathic effects of switchgrass on redroot pigweed and crabgrass growth. <i>Plant Ecology</i> , 2021, 222, 1-12.	0.7	3
21	Thiazolium-functionalized polymer-coated magnetic microspheres for the selective recognition and separation of hemoglobin. <i>New Journal of Chemistry</i> , 2017, 41, 13673-13680.	1.4	2
22	Identification of the impurities in chloroephedrine samples by HPLC-IT/TOF-MS and preparation of chloroephedrine standard. <i>Australian Journal of Forensic Sciences</i> , 2020, , 1-12.	0.7	2
23	Facile synthesis of thiazole-functionalized magnetic microspheres for highly specific separation of heme proteins. <i>New Journal of Chemistry</i> , 2017, 41, 747-754.	1.4	1