

# Xiaohui Hou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1329151/publications.pdf>

Version: 2024-02-01

35  
papers

787  
citations

471509

17  
h-index

526287

27  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1030  
citing authors

#	ARTICLE	IF	CITATIONS
1	Label-free Electrochemical Immunosensor for Sensitive Detection of Rheumatoid Arthritis Biomarker Anti-CCP2. <i>Electroanalysis</i> , 2022, 34, 761-771.	2.9	7
2	Quality evaluation of <i>Codonopsis Radix</i> and processed products based on the analysis of monosaccharides and oligosaccharides by liquid chromatography coupled with charged aerosol detector. <i>Phytochemical Analysis</i> , 2022, 33, 262-271.	2.4	4
3	Analysis and Health Risk Assessment of Potentially Toxic Elements in Three <i>Codonopsis Radix</i> Varieties in China. <i>Biological Trace Element Research</i> , 2022, 200, 2475-2485.	3.5	3
4	Electrochemical immunodetermination of connective tissue growth factor levels on nitrogen-doped graphene. <i>Mikrochimica Acta</i> , 2022, 189, 187.	5.0	1
5	Traditional processing, uses, phytochemistry, pharmacology and toxicology of <i>Aconitum sinomontanum</i> Nakai: A comprehensive review. <i>Journal of Ethnopharmacology</i> , 2022, 293, 115317.	4.1	4
6	Molecularly imprinted flexible sensor based on nitrogen-doped graphene for selective determination of formononetin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 217, 114805.	2.8	1
7	A monitoring survey and health risk assessment for pesticide residues on <i>Codonopsis Radix</i> in China. <i>Scientific Reports</i> , 2022, 12, 8133.	3.3	6
8	Intra-regional classification of <i>Codonopsis Radix</i> produced in Gansu province (China) by multi-elemental analysis and chemometric tools. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
9	<i>Codonopsis pilosula</i> oligosaccharides modulate the gut microbiota and change serum metabolomic profiles in high-fat diet-induced obese mice. <i>Food and Function</i> , 2022, 13, 8143-8157.	4.6	10
10	Interventional effect of <i>Codonopsis pilosula</i> oligosaccharides against galactose-induced aging in SD rats via suppression of oxidative stress, inflammation, and apoptosis. <i>Journal of Carbohydrate Chemistry</i> , 2021, 40, 115-134.	1.1	2
11	Echinacoside exerts anti-tumor activity via the miR-503-3p/TGF- $\beta$ 1/Smad axes in liver cancer. <i>Cancer Cell International</i> , 2021, 21, 304.	4.1	15
12	Heparin-Coated Photosensitive Metal-Organic Frameworks as Drug Delivery Nanoplatfoms of Autophagy Inhibitors for Sensitized Photodynamic Therapy against Breast Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 55577-55590.	8.0	25
13	A novel electrochemical immunosensor for the highly sensitive and selective detection of the depression marker human apolipoprotein A4. <i>Bioelectrochemistry</i> , 2020, 135, 107542.	4.6	22
14	Toxic and active material basis of <i>Aconitum sinomontanum</i> Nakai based on biological activity guidance and UPLC-Q/TOF-MS technology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 188, 113374.	2.8	10
15	Development of a sensitive electrochemical immunosensor using polyaniline functionalized graphene quantum dots for detecting a depression marker. <i>Materials Science and Engineering C</i> , 2020, 111, 110797.	7.3	26
16	Isolation, characterization and immunomodulatory activity of oligosaccharides from <i>Codonopsis pilosula</i> . <i>Journal of Functional Foods</i> , 2020, 72, 104070.	3.4	19
17	The metabolic effect of gut microbiota on drugs. <i>Drug Metabolism Reviews</i> , 2020, 52, 139-156.	3.6	44
18	Metabolism of vesatolimod in rat, dog, and human liver microsomes: Metabolic stability assessment, metabolite identification, and interspecies comparison. <i>Drug Testing and Analysis</i> , 2019, 11, 240-249.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Porous graphene-black phosphorus nanocomposite modified electrode for detection of leptin. <i>Biosensors and Bioelectronics</i> , 2019, 137, 88-95.	10.1	52
20	Identification of anti-inflammatory active ingredients from Tumuxiang by ultra-performance liquid chromatography/quadrupole time-of-flight MS. <i>Biomedical Chromatography</i> , 2018, 32, e4179.	1.7	7
21	A novel electrochemical immunosensor based on PG for early screening of depression markers-heat shock protein 70. <i>Biosensors and Bioelectronics</i> , 2018, 111, 34-40.	10.1	20
22	Cytotoxicity of two water-soluble polysaccharides from <i>Codonopsis pilosula</i> Nannf. var. <i>modesta</i> (Nannf.) L.T.Shen against human hepatocellular carcinoma HepG2 cells and its mechanism. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1544-1550.	7.5	50
23	Structural characterization of a pectic polysaccharide from <i>Codonopsis pilosula</i> and its immunomodulatory activities in vivo and in vitro. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1359-1369.	7.5	47
24	Direct electrochemistry and electrocatalysis of lobetyolin via magnetic functionalized reduced graphene oxide film fabricated electrochemical sensor. <i>Materials Science and Engineering C</i> , 2017, 74, 515-524.	7.3	22
25	Investigate electrochemical immunosensor of cortisol based on gold nanoparticles/magnetic functionalized reduced graphene oxide. <i>Biosensors and Bioelectronics</i> , 2017, 88, 55-62.	10.1	96
26	Protections of bovine serum albumin protein from damage on functionalized graphene-based electrodes by flavonoids. <i>Materials Science and Engineering C</i> , 2016, 62, 197-205.	7.3	10
27	Pharmacokinetics and tissue distribution of five active ingredients of <i>Eucommiae cortex</i> in normal and ovariectomized mice by UHPLC-MS/MS. <i>Xenobiotica</i> , 2016, 46, 793-804.	1.1	22
28	UPLC-MS/MS determination and gender-related pharmacokinetic study of five active ingredients in rat plasma after oral administration of <i>Eucommia cortex</i> extract. <i>Journal of Ethnopharmacology</i> , 2015, 169, 145-155.	4.1	27
29	Activation of Intrinsic Apoptotic Signaling Pathway in A549 Cell by a Pectin Polysaccharide Isolated from <i>Codonopsis pilosula</i> and Its Selenized Derivative. <i>Journal of Carbohydrate Chemistry</i> , 2015, 34, 475-489.	1.1	8
30	Electrochemically reduced graphene oxide-based electrochemical sensor for the sensitive determination of ferulic acid in <i>A. sinensis</i> and biological samples. <i>Materials Science and Engineering C</i> , 2014, 42, 227-233.	7.3	53
31	Optimization of selenylation conditions for a pectic polysaccharide and its structural characteristic. <i>International Journal of Biological Macromolecules</i> , 2014, 69, 244-251.	7.5	39
32	Structural characterization and antitumor activity of a pectic polysaccharide from <i>Codonopsis pilosula</i> . <i>Carbohydrate Polymers</i> , 2013, 98, 886-895.	10.2	98
33	Structural characterization of a sulfated glucan isolated from the aqueous extract of <i>Hedysarum polybotrys</i> Hand.-Mazz. <i>Carbohydrate Polymers</i> , 2012, 87, 160-169.	10.2	23
34	Development of High Performance Liquid Chromatography Method for Costunolide and Dehydrocostuslactone in Mice Plasma and Tissues: Application to Pharmacokinetic Study. <i>Chinese Journal of Chemistry</i> , 2010, 28, 2293-2300.	4.9	2
35	Proteomics and Metabolomics Unveil <i>Codonopsis pilosula</i> (Franch.) Nannf. Ameliorates Gastric Precancerous Lesions via Regulating Energy Metabolism. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	3