

# Xian Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

445  
citations

687363

13  
h-index

752698

20  
g-index

31  
all docs

31  
docs citations

31  
times ranked

652  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass spectrometry-based metabolomics: Targeting the crosstalk between gut microbiota and brain in neurodegenerative disorders. <i>Mass Spectrometry Reviews</i> , 2019, 38, 22-33.	5.4	131
2	Interactions of perfluorooctanoic acid and perfluorooctanesulfonic acid with serum albumins by native mass spectrometry, fluorescence and molecular docking. <i>Chemosphere</i> , 2018, 198, 442-449.	8.2	50
3	One-step construction of an electrode modified with electrodeposited Au/SiO <sub>2</sub> nanoparticles, and its application to the determination of NADH and ethanol. <i>Mikrochimica Acta</i> , 2010, 171, 399-405.	5.0	24
4	( $\pm$ )-Xylaridines A and B, Highly Conjugated Alkaloids from the Fungus <i>Xylaria longipes</i> . <i>Organic Letters</i> , 2019, 21, 1511-1514.	4.6	22
5	Characterization of conformational changes and noncovalent complexes of myoglobin by electrospray ionization mass spectrometry, circular dichroism and fluorescence spectroscopy. <i>Journal of Mass Spectrometry</i> , 2010, 45, 618-626.	1.6	20
6	Quantitative-Profiling Method of Serum Steroid Hormones by Hydroxylamine-Derivatization HPLC-MS. <i>Natural Products and Bioprospecting</i> , 2019, 9, 201-208.	4.3	20
7	Dose-Dependent Effects of Triclocarban Exposure on Lipid Homeostasis in Rats. <i>Chemical Research in Toxicology</i> , 2019, 32, 2320-2328.	3.3	19
8	Eu-MOF nanorods functionalized with large heterocyclic ionic liquid for photoelectrochemical immunoassay of $\beta$ -fetoprotein. <i>Analytica Chimica Acta</i> , 2022, 1195, 339459.	5.4	17
9	Dual-wavelength responsive photoelectrochemical aptasensor based on ionic liquid functionalized Zn-MOFs and noble metal nanoparticles for the simultaneous detection of multiple tumor markers. <i>Nanoscale</i> , 2021, 13, 19066-19075.	5.6	16
10	Study on the noncovalent interactions of saikosaponins and cytochrome c by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 719-727.	1.5	15
11	A structure-differential binding method for elucidating the interactions between flavonoids and cytochrome-c by ESI-MS and molecular docking. <i>Talanta</i> , 2013, 116, 368-375.	5.5	15
12	Comparative study of the interactions between bisphenol analogues and serum albumins by electrospray mass spectrometry and fluorescence spectroscopy. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 162-167.	1.5	15
13	Xylaridines C and D, Unusual Thiopyranodipyridine Alkaloids from the Fungus <i>Xylaria longipes</i> . <i>Organic Letters</i> , 2019, 21, 6145-6148.	4.6	15
14	Evaluation of structurally different brominated flame retardants interacting with the transthyretin and their toxicity on HepG2 cells. <i>Chemosphere</i> , 2020, 246, 125749.	8.2	12
15	Investigation of serum amino acids involved in gallic acid detoxification of formaldehyde by liquid chromatography/tandem mass spectrometry and neutral loss scan. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 2074-2080.	1.5	9
16	Comprehensive binding analysis of polybrominated diphenyl ethers and aryl hydrocarbon receptor via an integrated molecular modeling approach. <i>Chemosphere</i> , 2021, 262, 128356.	8.2	6
17	Simultaneous determination of short-chain fatty alcohols in aged oil and biodiesels by stable isotope labeling assisted liquid chromatography-mass spectrometry. <i>Talanta</i> , 2021, 229, 122223.	5.5	6
18	Four new resorcinol derivatives with neuroprotective activities from <i>Xylaria nigripes</i> . <i>Natural Product Research</i> , 2022, 36, 1522-1528.	1.8	5

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19	Observation of symmetric denaturation of hemoglobin subunits by electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2010, 45, 1306-1311.	1.6	4
20	Quantitative Determining of Ultra-Trace Aluminum Ion in Environmental Samples by Liquid Phase Microextraction Assisted Anodic Stripping Voltammetry. <i>Sensors</i> , 2018, 18, 1503.	3.8	4
21	Interactions of indole alkaloids with myoglobin: A mass spectrometry based spectrometric and computational method. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8656.	1.5	3
22	Quantitative analysis of the relationship of derivatization reagents and detection sensitivity of electrospray ionization-triple quadrupole tandem mass spectrometry: Hydrazines as prototypes. <i>Analytica Chimica Acta</i> , 2021, 1158, 338402.	5.4	3
23	Elucidating the molecular mechanisms of perfluorooctanoic acid-serum protein interactions by structural mass spectrometry. <i>Chemosphere</i> , 2021, , 132945.	8.2	3
24	Characterization of in vitro metabolism of focal adhesion kinase inhibitors by LC/MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 168, 163-173.	2.8	2
25	Two distinct conformers of SAG investigated by solution NMR and variable-temperature experiments. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 83-89.	2.8	2
26	Hydralazine derivative of aldehyde: A new type of $[M+H]^+$ ion formed in electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2019, 54, 239-249.	1.6	2
27	A novel charge derivatization-direct infusion mass spectrometry method for the quantitative analysis of C1-C8 fatty acids in rubber seed oil-based biodiesel. <i>Talanta</i> , 2021, 226, 122107.	5.5	2
28	Study on the Structural Effect of Maltoligosaccharides on Cytochrome c Complexes Stabilities by Native Mass Spectrometry. <i>Natural Products and Bioprospecting</i> , 2018, 8, 57-61.	4.3	1
29	Recent Progress in Mass Spectrometry-based Metabolomics for Colorectal Cancer. <i>Chemical Research in Chinese Universities</i> , 0, , .	2.6	1
30	Determination of estrogens in human serum using a novel chemical derivatization-assisted liquid chromatography-electrospray ionization-tandem mass spectrometry method. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, .	1.5	1
31	Elucidation of a CGP7930 <i>in vitro</i> metabolite by liquid chromatography/electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 491-496.	1.5	0