

Xiaozhe Zhang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38

papers

409

citations

12

h-index

18

g-index

40

ext. papers

511

ext. citations

4

avg, IF

3.39

L-index

#	Paper	IF	Citations
38	Potential biomarkers of Parkinson's disease revealed by plasma metabolic profiling. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1081-1082, 101-108	3.2	43
37	Direct characterization of bitter acids in a crude hop extract by liquid chromatography-atmospheric pressure chemical ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2004 , 15, 180-7	3.5	37
36	Iridoid glucosides from <i>Strychnos nux-vomica</i> . <i>Phytochemistry</i> , 2003 , 64, 1341-4	4	34
35	High identification rates of endogenous neuropeptides from mouse brain. <i>Journal of Proteome Research</i> , 2012 , 11, 2819-27	5.6	32
34	Characterization of phthalides in <i>Ligusticum chuanxiong</i> by liquid chromatographic-atmospheric pressure chemical ionization-mass spectrometry. <i>Journal of Chromatographic Science</i> , 2003 , 41, 428-33	1.4	29
33	Extensive characterization of <i>Tupaia belangeri</i> neuropeptidome using an integrated mass spectrometric approach. <i>Journal of Proteome Research</i> , 2012 , 11, 886-96	5.6	25
32	Chronic nicotine treatment impacts the regulation of opioid and non-opioid peptides in the rat dorsal striatum. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 1553-62	7.6	19
31	Stress Impacts the Regulation Neuropeptides in the Rat Hippocampus and Prefrontal Cortex. <i>Proteomics</i> , 2018 , 18, e1700408	4.8	18
30	Ultra-high performance liquid chromatography with linear ion trap-Orbitrap hybrid mass spectrometry combined with a systematic strategy based on fragment ions for the rapid separation and characterization of components in <i>Stellera chamaejasme</i> extracts. <i>Journal of Separation Science</i> , 2017 , 38, 1076-88	3.4	17
29	Rapid and sensitive analysis of parishin and its metabolites in rat plasma using ultra high performance liquid chromatography-fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 973C, 104-109	3.2	15
28	Neuropeptide alterations in the tree shrew hypothalamus during volatile anesthesia. <i>Journal of Proteomics</i> , 2013 , 80, 311-9	3.9	14
27	Extensive characterization of peptides from <i>Panax ginseng</i> C. A. Meyer using mass spectrometric approach. <i>Proteomics</i> , 2016 , 16, 2788-2791	4.8	12
26	Separation and identification of mouse brain tissue microproteins using top-down method with high resolution nanocapillary liquid chromatography mass spectrometry. <i>Proteomics</i> , 2017 , 17, 1600419	4.8	11
25	Peptides as Potential Biomarkers for Authentication of Mountain-Cultivated Ginseng and Cultivated Ginseng of Different Ages Using UPLC-HRMS. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 2263-2275	5.7	11
24	Measurement of ultra-trace level of intact oxytocin in plasma using SALLE combined with nano-LC-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 173, 62-67	3.5	9
23	Isolation and characterization of two new phenolic acids from cultured cells of <i>Saussurea involucreata</i> . <i>Phytochemistry Letters</i> , 2014 , 7, 133-136	1.9	9
22	High-Efficiency Recognition and Identification of Disulfide Bonded Peptides in Rat Neuropeptidome Using Targeted Electron Transfer Dissociation Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2015 , 87, 11646-51	7.8	8

21	Altered neurochemical levels in the rat brain following chronic nicotine treatment. <i>Journal of Chemical Neuroanatomy</i> , 2014 , 59-60, 29-35	3.2	8
20	Extending the scope of neuropeptidomics in the mammalian brain. <i>EuPA Open Proteomics</i> , 2014 , 3, 273-279		7
19	Discovery and validation of biomarkers for Zhongning goji berries using liquid chromatography mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1142, 122037	3.2	6
18	Polarity, selectivity and performance of hydrophilic organic/salt-containing aqueous two-phase system on counter-current chromatography for polar compounds. <i>Journal of Chromatography A</i> , 2016 , 1448, 49-57	4.5	6
17	Design, Preparation, and Application of Magnetic Nanoparticles for Food Safety Analysis: A Review of Recent Advances.. <i>Journal of Agricultural and Food Chemistry</i> , 2021 ,	5.7	5
16	Rapid discrimination between red and white ginseng based on unique mass-spectrometric features. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 164, 202-210	3.5	5
15	Untargeted Metabolomic Characterization of Ovarian Tumors. <i>Cancers</i> , 2020 , 12,	6.6	4
14	In situ derivatization of Au nanoclusters via aurophilic interactions of a triphenylphosphine gold(i) salt with neurotransmitters and their rapid MALDI-TOF-MS detection in mice brain tissue extracts. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 38-44	7.3	4
13	Extensive characterization and differential analysis of endogenous peptides from <i>Bombyx batryticatus</i> using mass spectrometric approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 163, 78-87	3.5	4
12	A novel preparative liquid chromatograph for repetitive enrichment and purification of low-abundance compounds. <i>Journal of Chromatography A</i> , 2014 , 1351, 90-5	4.5	3
11	N-Butyl-4-hydroxy-1,8-naphthalimide: A new matrix for small molecule analysis by matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2017 , 31, 1779-1784	2.2	3
10	Various Multicharged Anions of Ginsenosides in Negative Electrospray Ionization with QTOF High-Resolution Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019 , 30, 403-418	3.5	3
9	Alpha-Synuclein Dopaminylation Presented in Plasma of Both Healthy Subjects and Parkinson's Disease Patients. <i>Proteomics - Clinical Applications</i> , 2020 , 14, e1900117	3.1	1
8	Computational exploration of natural peptides targeting ACE2. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-12	3.6	1
7	Quinetides: diverse posttranslational modified peptides of ribonuclease-like storage protein from as markers for differentiating ginseng species. <i>Journal of Ginseng Research</i> , 2020 , 44, 680-689	5.8	1
6	High sensitivity and specificity feature detection in liquid chromatography-mass spectrometry data: A deep learning framework. <i>Talanta</i> , 2021 , 222, 121580	6.2	1
5	Bidentatide, a Novel Plant Peptide Derived from Blume: Isolation, Characterization, and Neuroprotection through Inhibition of NR2B-Containing NMDA Receptors. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
4	Active Pyrylium Salt 2,4,5-Triphenylpyrylium for Improved Mass Spectrometry-Based Detection of Peptides. <i>Analytical Chemistry</i> , 2021 , 93, 11072-11080	7.8	1

3	Plasma nontargeted peptidomics discovers potential biomarkers for major depressive disorder. <i>Proteomics - Clinical Applications</i> , 2021 , 15, e2000058	3.1	1
2	Determination of Dissociation Constants of Strychnos Alkaloids from <i>Strychnos nux-vomica</i> L. by Capillary Electrophoresis. <i>Mikrochimica Acta</i> , 2005 , 150, 305-310	5.8	0
1	Preparative isolation of caffeoylquinic acid isomers from Kuding tea by salt-containing aqueous two-phase extraction and purification by high-speed countercurrent chromatography. <i>Separation Science Plus</i> , 2019 , 2, 170-177	1.1	