Wei Cai

List of Publications by Year
in descending order

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36 papers	576 citations	687220 13 h-index	642610 23 g-index
36 all docs	36 docs citations	36 times ranked	736 citing authors

#	Article	IF	Citations
1	Chemical characterization of extracts of leaves of Kadsua coccinea (Lem.) A.C. Sm. by UHPLC-Q-Exactive Orbitrap Mass spectrometry and assessment of their antioxidant and anti-inflammatory activities. Biomedicine and Pharmacotherapy, 2022, 149, 112828.	2.5	6
2	Anti-cancer Research on Arnebiae radix-derived Naphthoquinone in Recent Five Years. Recent Patents on Anti-Cancer Drug Discovery, 2022, 17, 218-230.	0.8	6
3	Systematic Screening of Chemical Constituents in the Traditional Chinese Medicine Arnebiae Radix by UHPLC-Q-Exactive Orbitrap Mass Spectrometry. Molecules, 2022, 27, 2631.	1.7	13
4	Identification and Quantification of Chlorogenic Acids from the Root Bark of Acanthopanax gracilistylus by UHPLC-Q-Exactive Orbitrap Mass Spectrometry. ACS Omega, 2022, 7, 25675-25685.	1.6	8
5	Rapid Identification and Systematic Mechanism of Flavonoids from Potentilla freyniana Bornm. Based on UHPLC-Q-Exactive Orbitrap Mass Spectrometry and Network Pharmacology. International Journal of Analytical Chemistry, 2021, 2021, 1-9.	0.4	1
6	Characterization of Flavonoid Constituents in Stems of Lithocarpus litseifolius (Hance) Chun by UHPLC-Q-Exactive Orbitrap MS. Current Analytical Chemistry, 2021, 17, 521-527.	0.6	3
7	Identification of Metabolites of Aurantio-Obtusin in Rats Using Ultra-High-Performance Liquid Chromatography-Q-Exactive Orbitrap Mass Spectrometry with Parallel Reaction Monitoring. Journal of Analytical Methods in Chemistry, 2021, 2021, 1-8.	0.7	4
8	Diagnostic Fragment-Ion-Based for Rapid Identification of Chlorogenic Acids Derivatives in Inula cappa Using UHPLC-Q-Exactive Orbitrap Mass Spectrometry. Journal of Analytical Methods in Chemistry, 2021, 2021, 1-10.	0.7	6
9	Identification of the tannins in traditional Chinese medicine Paeoniae Radix Alba by UHPLC-Q-Exactive Orbitrap MS. Arabian Journal of Chemistry, 2021, 14, 103398.	2.3	11
10	Identification of the metabolites of isochlorogenic acid A in rats by UHPLC-Q-Exactive Orbitrap MS. Pharmaceutical Biology, 2020, 58, 992-998.	1.3	6
11	Rapid and Accurate Simultaneous Determination of Seven Short-Chain Fatty Acids in Feces by Gas Chromatography â€“ Mass Spectrometry (GC-MS): Application in Type 2 Diabetic Rats and Drug Therapy. Analytical Letters, 2020, 53, 2320-2336.	1.0	5
12	A systematic strategy for rapid identification of chlorogenic acids derivatives in Duhaldea nervosa using UHPLC-Q-Exactive Orbitrap mass spectrometry. Arabian Journal of Chemistry, 2020, 13, 3751-3761.	2.3	24
13	The Metabolism and Pharmacokinetics of Rhein and Aurantio-Obtusin. Current Drug Metabolism, 2020, 21, 960-968.	0.7	8
14	Two New Sesquiterpene Lactones from Ixeris sonchifolia. Chemistry of Natural Compounds, 2019, 55, 674-676.	0.2	2
15	Identification of the Constituents of Percutaneous Absorption from Duhaldea nervosa Based on UHPLC-Q-Exactive Orbitrap MS and Microdialysis Technique. International Journal of Analytical Chemistry, 2019, 2019, 1-5.	0.4	7
16	An accurate and reproducible method for simultaneous determination of four flavonoids in EtOAc extracts from <scp>Sophora flavescens</scp> Ait. in rat plasma based on UHPLC Qâ€Exactive Mass spectrometry: Application to a pharmacokinetics study. Biomedical Chromatography, 2019, 33, e4447.	0.8	12
17	Rapid characterization of chlorogenic acids in Duhaldea nervosa based on ultraâ€highâ€performance liquid chromatographyâ€“linear trap quadropoleâ€Orbitrapâ€mass spectrometry and mass spectral trees similarity filter technique. Journal of Separation Science, 2018, 41, 1764-1774.	1.3	25
18	Use of an UHPLC-MS/MS Method for Determination of Kuraridin and Characterization of Its Metabolites in Rat Plasma after Oral Administration. Molecules, 2018, 23, 132.	1.7	4

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19	Detection and characterization of the metabolites of rutaecarpine in rats based on ultra-high-performance liquid chromatography with linear ion trap-Orbitrap mass spectrometer. Pharmaceutical Biology, 2017, 55, 294-298.	1.3	15
20	A new flavonoid from Sophora flavescens Ait.. Natural Product Research, 2017, 31, 2228-2232.	1.0	20
21	An integrated strategy for rapid discovery and identification of the sequential piperine metabolites in rats using ultra high-performance liquid chromatography/high resolution mass spectrometery. Journal of Pharmaceutical and Biomedical Analysis, 2017, 146, 387-401.	1.4	32
22	UHPLC-LTQ-Orbitrap-based metabolomics coupled with metabolomics pathway analysis method for exploring the protection mechanism of Kudiezi injection in a rat anti-ischemic cerebral reperfusion damage model. Chinese Journal of Natural Medicines, 2017, 15, 955-960.	0.7	6
23	Profiling and Identification of the Metabolites of Evodiamine in Rats using Ultraâ€“Performance Liquid Chromatography with Linear Ion Trap Orbitrap Mass Spectrometer. Tropical Journal of Pharmaceutical Research, 2016, 15, 623.	0.2	6
24	Identification of Metabolites of 6â€²-Hydroxy-3,4,5,2â€²,4â€²-pentamethoxychalcone in Rats by a Combination of Ultra-High-Performance Liquid Chromatography with Linear Ion Trap-Orbitrap Mass Spectrometry Based on Multiple Data Processing Techniques. Molecules, 2016, 21, 1266.	1.7	14
25	A novel glucuronosyltransferase has an unprecedented ability to catalyse continuous twoâ€step glucuronosylation of glycyrrhetinic acid to yield glycyrrhizin. New Phytologist, 2016, 212, 123-135.	3.5	72
26	Metabolic profiles of 11,13Î±-dihydroixerin Z in rats using high performance liquid chromatography-LTQ-Orbitrap mass spectrometry. Analytical Methods, 2016, 8, 854-861.	1.3	0
27	A Novel Sesquiterpene Lactone from Ixeris sonchifolia. Chemistry of Natural Compounds, 2016, 52, 234-236.	0.2	4
28	A strategy for comprehensive identification of sequential constituents using ultra-high-performance liquid chromatography coupled with linear ion trapâ€“Orbitrap mass spectrometer, application study on chlorogenic acids in Flos Lonicerae Japonicae. Talanta, 2016, 147, 16-27.	2.9	85
29	Comprehensive characterization of thein vitroandin vivometabolites of geniposide in rats using ultra-high-performance liquid chromatography coupled with linear ion trapâ€“Orbitrap mass spectrometer. Xenobiotica, 2016, 46, 357-368.	0.5	17
30	Profiling and identification of the metabolites of baicalin and study on their tissue distribution in rats by ultra-high-performance liquid chromatography with linear ion trap-Orbitrap mass spectrometer. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 985, 91-102.	1.2	71
31	Isolation and Purification of Sesquiterpene Lactones from <i>Ixeris sonchifolia</i> (Bunge) Hance by High-Speed Counter- Current Chromatography and Semi-Preparative High Performance Liquid Chromatography. Tropical Journal of Pharmaceutical Research, 2015, 13, 2065.	0.2	4
32	Identification of the metabolites of Ixerin Z from Ixeris sonchifolia Hance in rats by HPLCâ€“LTQ-Orbitrap mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2015, 107, 290-297.	1.4	31
33	LTQ-Orbitrap-based strategy for traditional Chinese medicine targeted class discovery, identification and herbomics research: a case study on phenylethanoid glycosides in three different species of Herba Cistanches. RSC Advances, 2015, 5, 80816-80828.	1.7	21
34	Identification of metabolites of gardenin A in rats by combination of highâ€performance liquid chromatography with linear ion trapâ€“Orbitrap mass spectrometer based on multiple data processing techniques. Biomedical Chromatography, 2015, 29, 379-387.	0.8	24
35	HPLC-DADâ€“MSnanalysis of multiple chemical constituents in a Chinese herbal preparation Shuang-Huang-Lian injection. , 2014, , .		0
36	Rapid Identification of Anthocyanin from the Epicarp of Kadsura Coccinea (Lem.) A.C. Smith by UHPLC-Q-Exactive Orbitrap Mass Spectrometry. Food Analytical Methods, 0, , 1.	1.3	3