

Wei Cai

List of Publications by Year in descending order

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36
papers

576
citations

687220

13
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642610

23
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36
all docs

36
docs citations

36
times ranked

736
citing authors

#	ARTICLE	IF	CITATIONS
1	A strategy for comprehensive identification of sequential constituents using ultra-high-performance liquid chromatography coupled with linear ion trap Orbitrap mass spectrometer, application study on chlorogenic acids in <i>Flos Lonicerae Japonicae</i> . <i>Talanta</i> , 2016, 147, 16-27.	2.9	85
2	A novel glucuronosyltransferase has an unprecedented ability to catalyse continuous two-step glucuronosylation of glycyrrhetic acid to yield glycyrrhizin. <i>New Phytologist</i> , 2016, 212, 123-135.	3.5	72
3	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 985, 91-102.	1.2	71
4	An integrated strategy for rapid discovery and identification of the sequential piperine metabolites in rats using ultra high-performance liquid chromatography/high resolution mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 146, 387-401.	1.4	32
5	Identification of the metabolites of Ixerin Z from <i>Ixeris sonchifolia</i> Hance in rats by HPLC-LTQ-Orbitrap mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 290-297.	1.4	31
6	Rapid characterization of chlorogenic acids in <i>Duhaldea nervosa</i> based on ultra-high-performance liquid chromatography-linear trap quadropole-Orbitrap mass spectrometry and mass spectral trees similarity filter technique. <i>Journal of Separation Science</i> , 2018, 41, 1764-1774.	1.3	25
7	Identification of metabolites of gardenin A in rats by combination of high-performance liquid chromatography with linear ion trap Orbitrap mass spectrometer based on multiple data processing techniques. <i>Biomedical Chromatography</i> , 2015, 29, 379-387.	0.8	24
8	A systematic strategy for rapid identification of chlorogenic acids derivatives in <i>Duhaldea nervosa</i> using UHPLC-Q-Exactive Orbitrap mass spectrometry. <i>Arabian Journal of Chemistry</i> , 2020, 13, 3751-3761.	2.3	24
9	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 <i>Herba Cistanches</i> . <i>RSC Advances</i> , 2015, 5, 80816-80828.	1.7	21
10	A new flavonoid from <i>Sophora flavescens</i> Ait.. <i>Natural Product Research</i> , 2017, 31, 2228-2232.	1.0	20
11	Comprehensive characterization of the <i>in vitro</i> and <i>in vivo</i> metabolites of geniposide in rats using ultra-high-performance liquid chromatography coupled with linear ion trap Orbitrap mass spectrometer. <i>Xenobiotica</i> , 2016, 46, 357-368.	0.5	17
12	Detection and characterization of the metabolites of rutaecarpine in rats based on ultra-high-performance liquid chromatography with linear ion trap-Orbitrap mass spectrometer. <i>Pharmaceutical Biology</i> , 2017, 55, 294-298.	1.3	15
13	Identification of Metabolites of 6-Hydroxy-3,4,5,2,4-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. <i>Molecules</i> , 2016, 21, 1266.	1.7	14
14	Systematic Screening of Chemical Constituents in the Traditional Chinese Medicine <i>Arnebiae Radix</i> by UHPLC-Q-Exactive Orbitrap Mass Spectrometry. <i>Molecules</i> , 2022, 27, 2631.	1.7	13
15	An accurate and reproducible method for simultaneous determination of four flavonoids in EtOAc extracts from <i>Sophora flavescens</i> Ait. in rat plasma based on UHPLC-Q-Exactive Mass spectrometry: Application to a pharmacokinetics study. <i>Biomedical Chromatography</i> , 2019, 33, e4447.	0.8	12
16	Identification of the tannins in traditional Chinese medicine <i>Paeoniae Radix Alba</i> by UHPLC-Q-Exactive Orbitrap MS. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103398.	2.3	11
17	The Metabolism and Pharmacokinetics of Rhein and Aurantio-Obtusin. <i>Current Drug Metabolism</i> , 2020, 21, 960-968.	0.7	8
18	Identification and Quantification of Chlorogenic Acids from the Root Bark of <i>Acanthopanax gracilistylus</i> by UHPLC-Q-Exactive Orbitrap Mass Spectrometry. <i>ACS Omega</i> , 2022, 7, 25675-25685.	1.6	8

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19	Identification of the Constituents of Percutaneous Absorption from <i>Duhaldea nervosa</i> Based on UHPLC-Q-Exactive Orbitrap MS and Microdialysis Technique. <i>International Journal of Analytical Chemistry</i> , 2019, 2019, 1-5.	0.4	7
20	Profiling and Identification of the Metabolites of Evodiamine in Rats using Ultra-Performance Liquid Chromatography with Linear Ion Trap Orbitrap Mass Spectrometer. <i>Tropical Journal of Pharmaceutical Research</i> , 2016, 15, 623.	0.2	6
21	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. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 955-960.	0.7	6
22	Identification of the metabolites of isochlorogenic acid A in rats by UHPLC-Q-Exactive Orbitrap MS. <i>Pharmaceutical Biology</i> , 2020, 58, 992-998.	1.3	6
23	Diagnostic Fragment-Ion-Based for Rapid Identification of Chlorogenic Acids Derivatives in <i>Inula cappa</i> Using UHPLC-Q-Exactive Orbitrap Mass Spectrometry. <i>Journal of Analytical Methods in Chemistry</i> , 2021, 2021, 1-10.	0.7	6
24	Chemical characterization of extracts of leaves of <i>Kadsua coccinea</i> (Lem.) A.C. Sm. by UHPLC-Q-Exactive Orbitrap Mass spectrometry and assessment of their antioxidant and anti-inflammatory activities. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112828.	2.5	6
25	Anti-cancer Research on <i>Arnebiae radix</i> -derived Naphthoquinone in Recent Five Years. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2022, 17, 218-230.	0.8	6
26	Rapid and Accurate Simultaneous Determination of Seven Short-Chain Fatty Acids in Feces by Gas Chromatography-MS Mass Spectrometry (GC-MS): Application in Type 2 Diabetic Rats and Drug Therapy. <i>Analytical Letters</i> , 2020, 53, 2320-2336.	1.0	5
27	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. <i>Tropical Journal of Pharmaceutical Research</i> , 2015, 13, 2065.	0.2	4
28	A Novel Sesquiterpene Lactone from <i>Ixeris sonchifolia</i> . <i>Chemistry of Natural Compounds</i> , 2016, 52, 234-236.	0.2	4
29	Use of an UHPLC-MS/MS Method for Determination of Kuraridin and Characterization of Its Metabolites in Rat Plasma after Oral Administration. <i>Molecules</i> , 2018, 23, 132.	1.7	4
30	Identification of Metabolites of Aurantio-Obtusin in Rats Using Ultra-High-Performance Liquid Chromatography-Q-Exactive Orbitrap Mass Spectrometry with Parallel Reaction Monitoring. <i>Journal of Analytical Methods in Chemistry</i> , 2021, 2021, 1-8.	0.7	4
31	Characterization of Flavonoid Constituents in Stems of <i>Lithocarpus litseifolius</i> (Hance) Chun by UHPLC-Q-Exactive Orbitrap MS. <i>Current Analytical Chemistry</i> , 2021, 17, 521-527.	0.6	3
32	Rapid Identification of Anthocyanin from the Epicarp of <i>Kadsura Coccinea</i> (Lem.) A.C. Smith by UHPLC-Q-Exactive Orbitrap Mass Spectrometry. <i>Food Analytical Methods</i> , 0, 1.	1.3	3
33	Two New Sesquiterpene Lactones from <i>Ixeris sonchifolia</i> . <i>Chemistry of Natural Compounds</i> , 2019, 55, 674-676.	0.2	2
34	Rapid Identification and Systematic Mechanism of Flavonoids from <i>Potentilla freyniana</i> Bornm. Based on UHPLC-Q-Exactive Orbitrap Mass Spectrometry and Network Pharmacology. <i>International Journal of Analytical Chemistry</i> , 2021, 2021, 1-9.	0.4	1
35	Metabolic profiles of 11,13 β -dihydroixerin Z in rats using high performance liquid chromatography-LTQ-Orbitrap mass spectrometry. <i>Analytical Methods</i> , 2016, 8, 854-861.	1.3	0
36	HPLC-DAD-MS analysis of multiple chemical constituents in a Chinese herbal preparation Shuang-Huang-Lian injection. , 2014, , .		0