

# Lan-tong Zhang

## List of Publications by Year in descending order

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54  
papers

891  
citations

430874

18  
h-index

552781

26  
g-index

56  
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56  
docs citations

56  
times ranked

1070  
citing authors

#	ARTICLE	IF	CITATIONS
1	LC-MS/MS determination and pharmacokinetic study of seven flavonoids in rat plasma after oral administration of <i>Cirsium japonicum</i> DC. extract. <i>Journal of Ethnopharmacology</i> , 2014, 158, 66-75.	4.1	62
2	Identification of metabolites of oridonin in rats with a single run on UPLC-Triple-TOF-MS/MS system based on multiple mass defect filter data acquisition and multiple data processing techniques. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1006, 80-92.	2.3	56
3	A comparative study on the pharmacokinetics of a traditional Chinese herbal preparation with the single herb extracts in rats by LC-MS/MS method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 81-82, 34-43.	2.8	41
4	Simultaneous determination and pharmacokinetic study of six flavonoids from <i>Fructus Sophorae</i> extract in rat plasma by LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 904, 59-64.	2.3	39
5	UHPLC-Q-TOF-MS/MS method based on four-step strategy for metabolites of hinokiflavone in vivo and in vitro. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 169, 19-29.	2.8	38
6	A Systematic Study of the Metabolites of Dietary Acacetin in Vivo and in Vitro Based on UHPLC-Q-TOF-MS/MS Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5530-5543.	5.2	35
7	UHPLC-Q-TOF-MS/MS Method Based on Four-Step Strategy for Metabolism Study of Fisetin <i>in Vitro</i> and <i>in Vivo</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10959-10972.	5.2	33
8	Preparation, evaluation and metabolites study in rats of novel amentoflavone-loaded TPGS/soluplus mixed nanomicelles. <i>Drug Delivery</i> , 2020, 27, 137-150.	5.7	31
9	A practical strategy for the characterization of ponacidin metabolites in vivo and in vitro by UHPLC-Q-TOF-MS based on nontargeted SWATH data acquisition. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 865-878.	2.8	28
10	Metabolism profiling of nevadensin in vitro and in vivo by UHPLC-Q-TOF-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1084, 69-79.	2.3	25
11	Identification of new metabolites of morroniside produced by rat intestinal bacteria and HPLC-PDA analysis of metabolites in vivo. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 268-274.	2.8	22
12	Simultaneous qualitative and quantitative analysis of 28 components in <i>Isodon rubescens</i> by HPLC-ESI-MS/MS. <i>Journal of Separation Science</i> , 2010, 33, 545-557.	2.5	22
13	Study of in vitro metabolism of m-nisoldipine in human liver microsomes and recombinant cytochrome P450 enzymes by liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 97, 65-71.	2.8	21
14	Preparation and antitumor evaluation of hinokiflavone hybrid micelles with mitochondria targeted for lung adenocarcinoma treatment. <i>Drug Delivery</i> , 2020, 27, 565-574.	5.7	21
15	A novel analysis method for diterpenoids in rat plasma by liquid chromatography-electrospray ionization mass spectrometry. <i>Analytical Biochemistry</i> , 2010, 407, 111-119.	2.4	20
16	Application of a liquid chromatography-tandem mass spectrometry method to the pharmacokinetics, tissue distribution and excretion studies of sweroside in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 969, 1-11.	2.3	20
17	Two Approaches for Evaluating the Effects of Galangin on the Activities and mRNA Expression of Seven CYP450. <i>Molecules</i> , 2019, 24, 1171.	3.8	20
18	A systematic data acquisition and mining strategy for chemical profiling of <i>Aster tataricus</i> rhizoma (Ziwan) by UHPLC-Q-TOF-MS and the corresponding anti-depressive activity screening. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 154, 216-226.	2.8	19

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19	Ultrahigh-performance liquid chromatography coupled with triple quadrupole and time-of-flight mass spectrometry for the screening and identification of the main flavonoids and their metabolites in rats after oral administration of <i>Cirsium japonicum</i> DC. extract. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1451-1461.	1.5	18
20	Metabolism studies on prim <sup>o</sup> glucosylcimifugin and cimifugin in human liver microsomes by ultra-performance liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Biomedical Chromatography</i> , 2016, 30, 1498-1505.	1.7	17
21	Metabolites identificaion of two bioactive constituents in <i>Trollius ledebourii</i> in rats using ultra-high-performance liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1068-1069, 297-312.	2.3	17
22	Simultaneous Qualitative and Quantitative Study of Main Compounds in <i>Commelina communis</i> Linn. by UHPLC-Q-TOF-MS-MS and HPLC-ESI-MS-MS. <i>Journal of Chromatographic Science</i> , 2018, 56, 582-594.	1.4	17
23	Simultaneous analysis of 11 main active components in <i>Cirsium setosum</i> based on HPLC-ESI-MS/MS and combined with statistical methods. <i>Journal of Separation Science</i> , 2012, 35, 2897-2907.	2.5	16
24	A comprehensive study of eriocitrin metabolism <i>in vivo</i> and <i>in vitro</i> based on an efficient UHPLC-Q-TOF-MS/MS strategy. <i>RSC Advances</i> , 2019, 9, 24963-24980.	3.6	16
25	A sensitive analysis method for 7 diterpenoids in rat plasma by liquid chromatography-electrospray ionization mass spectrometry and its application to pharmacokinetic study of <i>Isodon serra</i> extract. <i>Journal of Chromatography A</i> , 2011, 1218, 7771-7780.	3.7	15
26	Qualitative and quantitative determination of nine main active constituents in <i>Pulsatilla cernua</i> by high-performance liquid chromatography coupled to electrospray ionization tandem mass spectrometry. <i>Journal of Separation Science</i> , 2011, 34, 308-316.	2.5	15
27	A simple and sensitive UHPLC-Q-TOF-MS/MS method for sophoricoside metabolism study <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1061-1062, 193-208.	2.3	13
28	Effects of Danshen capsules on the pharmacokinetics and pharmacodynamics of clopidogrel in healthy volunteers. <i>Food and Chemical Toxicology</i> , 2018, 119, 302-308.	3.6	13
29	Simultaneous Determination of Six Coumarins in Rat Plasma and Metabolites Identification of Bergapten <i>in Vitro</i> and <i>in Vivo</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4602-4613.	5.2	13
30	Nontargeted SWATH acquisition mode for metabolites identification of osthole in rats using ultra-high-performance liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>RSC Advances</i> , 2018, 8, 14925-14935.	3.6	13
31	Identification of Metabolites of Eupatorin <i>In Vivo</i> and <i>In Vitro</i> Based on UHPLC-Q-TOF-MS/MS. <i>Molecules</i> , 2019, 24, 2658.	3.8	13
32	Comprehensive Study of the <i>In Vivo</i> and <i>In Vitro</i> Metabolism of Dietary Isoflavone Biochanin A Based on UHPLC-Q-TOF-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12481-12495.	5.2	13
33	Simultaneous quantification of 16 bioactive constituents in Common cnidium fruit by liquid chromatography-electrospray ionization-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 304-310.	2.8	12
34	Simultaneous determination of m-nisoldipine and its three metabolites in rat plasma by liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 2989-2996.	2.3	11
35	A comprehensive study of the metabolism of flavonoid oroxin B <i>in vivo</i> and <i>in vitro</i> by UHPLC-Q-TOF-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 197, 113905.	2.8	10
36	Identification of metabolites of liquiritin in rats by UHPLC-Q-TOF-MS/MS: metabolic profiling and pathway comparison <i>in vitro</i> and <i>in vivo</i> . <i>RSC Advances</i> , 2018, 8, 11813-11827.	3.6	9

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37	Investigating the <i>in vitro</i> stereoselective metabolism of <i>m</i> -nisoldipine enantiomers: characterization of metabolites and cytochrome P450 isoforms involved. <i>Biomedical Chromatography</i> , 2015, 29, 1893-1900.	1.7	8
38	Qualitative and quantitative determination of 15 main active constituents in Fructus Sophorae pill by liquid chromatography tandem mass spectrometry. <i>Pharmacognosy Magazine</i> , 2015, 11, 196.	0.6	8
39	Identification of bilobetin metabolites, <i>in vivo</i> and <i>in vitro</i> , based on an efficient ultra-high-performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry strategy. <i>Journal of Separation Science</i> , 2020, 43, 3408-3420.	2.5	7
40	Rapid method for simultaneous determination of 20 components in <i>Isodon nervosa</i> by high-performance liquid chromatography-electrospray ionisation tandem mass spectrometry. <i>Phytochemical Analysis</i> , 2010, 21, 416-427.	2.4	6
41	A Complete Study of Farrerol Metabolites Produced <i>In Vivo</i> and <i>In Vitro</i> . <i>Molecules</i> , 2019, 24, 3470.	3.8	6
42	A comprehensive study of celastrol metabolism <i>in vivo</i> and <i>in vitro</i> using ultra-high-performance liquid chromatography coupled with hybrid triple quadrupole time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2022, 45, 1222-1239.	2.5	6
43	Determination of Cnidilin and Its Two Metabolites in Rat Plasma by High-performance Liquid Chromatography-Electrospray Ionization Tandem Mass Spectrometry. <i>Planta Medica</i> , 2013, 79, 30-36.	1.3	5
44	Pharmacokinetics and excretion study of sophoricoside and its metabolite in rats by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 945-946, 154-162.	2.3	5
45	Chemical profiling and total quality assessment of <i>Isodon japonica</i> using data-independent acquisition mode combined with superimposed multiple product ion UHPLC-Q-TOF-MS and chemometric analysis. <i>RSC Advances</i> , 2019, 9, 1403-1418.	3.6	5
46	Metabolites identification of (+)-usnic acid <i>in vivo</i> by ultra-high-performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry. <i>FA-toterap-Å</i> , 2019, 133, 85-95.	2.2	5
47	The development and validation of a sensitive HPLC-MS/MS method for the quantitative and pharmacokinetic study of the seven components of <i>Buddleja lindleyana</i> Fort.. <i>RSC Advances</i> , 2021, 11, 26016-26028.	3.6	5
48	Determination of cnidilin and its two metabolites in rat bile and stool after oral administration by HPLC/electrospray ionization tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2013, 27, 527-534.	1.7	4
49	Effects of <i>m</i> -nisoldipine on the activity and mRNA expression of four CYP isozymes in rats. <i>Xenobiotica</i> , 2018, 48, 676-683.	1.1	4
50	Identification of metabolites of Ginkgolide B <i>in vivo</i> and <i>in vitro</i> using ultra-high-performance liquid chromatography-quadrupole time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2022, , .	2.5	4
51	Simultaneous Determination of Seven Bioactive Ingredients in a Chinese Herbal Preparation by HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 732-745.	1.0	2
52	A Fast and Simple Screening Method for <i>m</i> -Nisoldipine and Its Related Substances by MEKC. <i>Chromatographia</i> , 2009, 70, 1743-1748.	1.3	2
53	<i>In vitro</i> Identification of Spinosin Metabolites in Human Liver Microsomes Using a Simple and Sensitive UHPLC-Q-TOF-MS/MS Method. <i>Current Pharmaceutical Analysis</i> , 2019, 16, 40-46.	0.6	1
54	A Reliable LC-MS/MS Method for the Quantification of Two Pairs of Isomeric Flavonoids from <i>Commelina Communis</i> Linn in Rat Plasma: Validation and Pharmacokinetic Applications. <i>Current Pharmaceutical Analysis</i> , 2020, 16, 1093-1103.	0.6	0