

Yi Tao

List of Publications by Year in descending order

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52
papers

1,069
citations

566801

15
h-index

433756

31
g-index

54
all docs

54
docs citations

54
times ranked

1314
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid screening and identification of α-glucosidase inhibitors from mulberry leaves using enzyme-immobilized magnetic beads coupled with HPLC/MS and NMR. <i>Biomedical Chromatography</i> , 2013, 27, 148-155.	0.8	303
2	Ultrafiltration coupled with high-performance liquid chromatography and quadrupole-time-of-flight mass spectrometry for screening lipase binders from different extracts of <i>Dendrobium officinale</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6081-6093.	1.9	70
3	Preparation and Characterization of Water-Soluble Chitosan Nanoparticles as Protein Delivery System. <i>Journal of Nanomaterials</i> , 2010, 2010, 1-5.	1.5	67
4	Simultaneous determination of ten alkaloids of crude and wine-processed <i>Rhizoma Coptidis</i> aqueous extracts in rat plasma by UHPLC-ESI-MS/MS and its application to a comparative pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 105, 64-73.	1.4	55
5	Immobilized magnetic beads based multi-target affinity selection coupled with high performance liquid chromatography-mass spectrometry for screening anti-diabetic compounds from a Chinese medicine Tang-Zhi-Qing. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 78-79, 190-201.	1.4	48
6	Hollow fiber based affinity selection combined with high performance liquid chromatography-mass spectroscopy for rapid screening lipase inhibitors from lotus leaf. <i>Analytica Chimica Acta</i> , 2013, 785, 75-81.	2.6	45
7	Global and untargeted metabolomics evidence of the protective effect of different extracts of <i>Dipsacus asper</i> Wall. ex C.B. Clarke on estrogen deficiency after ovariectomy in rats. <i>Journal of Ethnopharmacology</i> , 2017, 199, 20-29.	2.0	27
8	Rapid characterization and determination of isoflavones and triterpenoid saponins in Fu-Zhu-Jiang-Tang tablets using UHPLC-Q-TOF/MS and HPLC-UV. <i>Analytical Methods</i> , 2016, 8, 4211-4219.	1.3	24
9	Traditional uses, processing methods, phytochemistry, pharmacology and quality control of <i>Dipsacus asper</i> Wall. ex C.B. Clarke: A review. <i>Journal of Ethnopharmacology</i> , 2020, 258, 112912.	2.0	21
10	Pharmacokinetic comparisons of six components from raw and vinegar-processed <i>Daphne genkwa</i> aqueous extracts following oral administration in rats by employing UHPLC-MS/MS approaches. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1079, 34-40.	1.2	20
11	Integrated analysis of serum and liver metabolome in liver transplanted rats by gas chromatography coupled with mass spectrometry. <i>Analytica Chimica Acta</i> , 2009, 633, 65-70.	2.6	19
12	Development and validation of an UHPLC-MS/MS approach for simultaneous quantification of five bioactive saponins in rat plasma: Application to a comparative pharmacokinetic study of aqueous extracts of raw and salt-processed <i>Achyranthes bidentata</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 151, 164-169.	1.4	18
13	Tailored Biosensors for Drug Screening, Efficacy Assessment, and Toxicity Evaluation. <i>ACS Sensors</i> , 2021, 6, 3146-3162.	4.0	18
14	Rapid magnetic solid-phase extraction combined with ultra-high performance liquid chromatography and quadrupole-time-of-flight mass spectrometry for analysis of thrombin binders from a crude extract and injection of <i>Erigeron breviscapus</i> . <i>RSC Advances</i> , 2016, 6, 34782-34790.	1.7	17
15	Magnetic solid-phase extraction coupled with HPLC-Q-TOF-MS for rapid analysis of tyrosinase binders from San-Bai decoction by Box-Behnken statistical design. <i>RSC Advances</i> , 2016, 6, 109730-109741.	1.7	17
16	Immunotherapy for Triple-Negative Breast Cancer. <i>Pharmaceutics</i> , 2021, 13, 2003.	2.0	16
17	Comparative pharmacokinetic analysis of extracts of crude and wine-processed <i>Dipsacus asper</i> in rats by a sensitive ultra performance liquid chromatography-tandem mass spectrometry approach. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1036-1037, 33-41.	1.2	15
18	UHPLC-MS/MS quantification combined with chemometrics for the comparative analysis of different batches of raw and wine-processed <i>Dipsacus asper</i> . <i>Journal of Separation Science</i> , 2017, 40, 1686-1693.	1.3	15

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19	HPLC fingerprinting-based multivariate analysis of chemical components in <i>Tetrastigma Hemsleyanum</i> Diels et Gilg: Correlation to their antioxidant and neuraminidase inhibition activities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114314.	1.4	15
20	Integrating UHPLC-MS/MS quantification and DAS analysis to investigate the effects of wine-processing on the tissue distributions of bioactive constituents of herbs in rats: Exemplarily shown for <i>Dipsacus asper</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1055-1056, 135-143.	1.2	14
21	Integrated metallomic and metabolomic profiling of plasma and tissues provides deep insights into the protective effect of raw and salt-processed <i>Achyranthes bidentata</i> Blume extract in ovariectomy rats. <i>Journal of Ethnopharmacology</i> , 2019, 234, 85-95.	2.0	14
22	Zeolite based solid-phase extraction coupled with UPLC-Q-TOF-MS for rapid analysis of acetylcholinesterase binders from crude extract of <i>Corydalis yanhusuo</i> . <i>RSC Advances</i> , 2016, 6, 98476-98486.	1.7	13
23	Techniques for biological fingerprinting of traditional Chinese medicine. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 97, 272-282.	5.8	13
24	Determination of major components from <i>Radix Achyranthes bidentata</i> using ultra high performance liquid chromatography with triple quadrupole tandem mass spectrometry and an evaluation of their anti-osteoporosis effect in vitro. <i>Journal of Separation Science</i> , 2019, 42, 2214-2221.	1.3	13
25	Simultaneous Determination of 10 Flavonoids in Crude and Wine-Processed <i>Radix scutellariae</i> by UHPLC. <i>Journal of Chromatographic Science</i> , 2016, 54, bmV143.	0.7	12
26	Untargeted serum metabolomics reveals Fu-Zhu-Jiang-Tang tablet and its optimal combination improve an impaired glucose and lipid metabolism in type II diabetic rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1040, 222-232.	1.2	12
27	Fabrication and evaluation of magnetic phosphodiesterase-5 linked nanoparticles as adsorbent for magnetic dispersive solid-phase extraction of inhibitors from Chinese herbal medicine prior to ultra-high performance liquid chromatography-quadrupole time-of-flight mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2018, 1532, 58-67.	1.8	12
28	Preparation and Characterization of Water-Soluble Chitosan Microparticles Loaded with Insulin Using the Polyelectrolyte Complexation Method. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-6.	1.5	11
29	A simple and sensitive LC-MS/MS approach for simultaneous quantification of six bioactive compounds in rats following oral administration of aqueous extract and ultrafine powder of <i>Astragalus propinquus</i> : Application to a comparative pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1096, 31-38.	1.2	11
30	Establishment of a rapid and sensitive UPLC-MS/MS method for pharmacokinetic determination of nine alkaloids of crude and processed <i>Corydalis turtschaninowii</i> Besser aqueous extracts in rat plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1124, 218-225.	1.2	10
31	A sensitive UPLC-MS/MS method for simultaneous determination of polyphenols in rat plasma: Application to a pharmacokinetic study of dispensing granules and standard decoction of <i>Cinnamomum cassia</i> twigs. <i>Biomedical Chromatography</i> , 2019, 33, e4534.	0.8	10
32	LABEL-FREE BIOAFFINITY MASS SPECTROMETRY FOR SCREENING AND LOCATING BIOACTIVE MOLECULES. <i>Mass Spectrometry Reviews</i> , 2021, 40, 53-71.	2.8	10
33	An efficient high-speed countercurrent chromatography method for preparative isolation of highly potent anti-cancer compound antroquinonol from <i>Antrodia camphorata</i> after experimental design optimized extraction. <i>Journal of Separation Science</i> , 2021, 44, 2655-2662.	1.3	9
34	Pharmacokinetic study of six triterpenoids of raw and processed <i>Alisma plantago-aquatica</i> in rat plasma by using ultra performance liquid chromatography-tandem mass spectrometry approach. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1124, 323-330.	1.2	8
35	Simultaneous Determination of Ten Bioactive Components in Raw and Processed <i>Radix Dipsaci</i> by UPLC-Q-TOF-MS. <i>Journal of Chromatographic Science</i> , 2019, 57, 122-129.	0.7	8
36	Validation of an analytical method using UPLC-MS/MS to quantify four bioactive components in rat plasma and its application to pharmacokinetic study of traditional and dispensing granules decoction of <i>Ziziphi Spinosa Semen</i> . <i>Biomedical Chromatography</i> , 2020, 34, e4797.	0.8	7

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37	Rapid Screening and Quantitative Determination of Active Components in Qing-Hua-Yu-Re-Formula Using UHPLC-Q-TOF/MS and HPLC-UV. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 2018, 1-11.	0.7	6
38	A biochemometrics strategy combining quantitative determination, bioactivity evaluation and relationship analysis for identification of analgesic alkaloids of raw and vinegar-processed <i>Corydalis turtschaninovii</i> . <i>Journal of Separation Science</i> , 2020, 43, 1183-1189.	1.3	6
39	Development of an ultra-high-performance liquid chromatography coupled with triple quadrupole mass spectrometry method for comparative pharmacokinetics of six triterpenoids in rat plasma and application to different forms of <i>Phytolacca acinosa</i> . <i>Journal of Separation Science</i> , 2020, 43, 1248-1255.	1.3	5
40	Chemical Fingerprint of Dachaihu Granule and Its Chemical Correlation Between Raw Herbs. <i>Journal of Chromatographic Science</i> , 2017, 55, 405-410.	0.7	4
41	A UPLC-MS/MS approach for simultaneous determination of eight flavonoids in rat plasma, and its application to pharmacokinetic studies of Fu-Zhuo-Jiang-Tang tablet in rats. <i>Biomedical Chromatography</i> , 2017, 31, e3828.	0.8	4
42	Integrated response surface methodology and UHPLC coupled with triple quadrupole time-of-flight MS quantitation to investigate the salt-processing chemistry of traditional Chinese medicines: A case study on <i>Achyranthes bidentata</i> . <i>Separation Science Plus</i> , 2018, 1, 439-445.	0.3	4
43	Simultaneous Quantitation of Five Bioactive Ingredients in Raw and Processed <i>Fallopia multiflora</i> by Employing UHPLC-Q-TOF-MS. <i>Journal of Chromatographic Science</i> , 2019, 57, 618-624.	0.7	4
44	Tracing anti-osteoporosis components from raw and salt-processed semen of <i>Cuscuta chinensis</i> by employing a biochemometrics strategy that integrates ultrasonic-assisted extraction, quantitation, efficacy assessment in zebrafish, and grey relationship analysis. <i>Journal of Separation Science</i> , 2021, 44, 3229-3236.	1.3	4
45	A biochemometrics strategy for tracing diuretic components of crude and processed <i>Alisma orientale</i> based on quantitative determination and pharmacological evaluation. <i>Biomedical Chromatography</i> , 2020, 34, e4744.	0.8	3
46	Towards the identification of alkaline phosphatase binding ligands in Li-Dan-Hua-Shi pills: A Box-Behnken design optimized affinity selection approach tandem with UHPLC-Q-TOF/MS analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 154, 486-491.	1.4	2
47	A reliable LC-MS/MS method for the quantification of five bioactive saponins of crude and processed <i>Bupleurum scorzonerifolium</i> in rat plasma and its application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2019, 33, e4570.	0.8	2
48	A liquid chromatography-tandem mass spectrometry approach for study the tissue distributions of five components of crude and salt-processed <i>Radix Achyranthes</i> in rats. <i>Biomedical Chromatography</i> , 2019, 33, e4483.	0.8	2
49	Layer-by-layer assembly strategy for fabrication of polydopamine-polyethyleneimine hybrid modified fibers and their application to solid-phase microextraction of bioactive molecules from medicinal plant samples followed by surface plasmon resonance biosensor validation. <i>Analytica Chimica Acta</i> , 2021, 1146, 155-165.	2.6	2
50	Multivariate Statistical Analysis Uncovers Spectrum-Effect Relationship between HPLC Fingerprints and Antioxidant Activity of Saffron. <i>Journal of Chemistry</i> , 2021, 2021, 1-15.	0.9	1
51	Tracing analgesic constituents from crude and vinegar-processed resin of <i>Boswellia carterii</i> by integrating ultra-high-performance liquid chromatography tandem mass spectrometry based determination, analgesic evaluation in mice and grey relationship analysis. <i>Biomedical Chromatography</i> , 0, , .	0.8	1
52	An emerging strategy for tracing the anti-erectile dysfunction components of raw and salt-processed semens of <i>Astragali Complanati</i> by combinatory liquid chromatography-mass spectrometry-based quantitative analysis, efficacy assessment on impotent rats and partial least squares regression. <i>Journal of Separation Science</i> , 2022, , .	1.3	0