

# Hao Cai

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6166026/hao-cai-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

59  
papers

591  
citations

15  
h-index

21  
g-index

68  
ext. papers

728  
ext. citations

2.5  
avg, IF

3.47  
L-index

#	Paper	IF	Citations
59	Profiling and analysis of multiple constituents in Baizhu Shaoyao San before and after processing by stir-frying using UHPLC/Q-TOF-MS/MS coupled with multivariate statistical analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1083, 110-123	3.2	38
58	Profiling and analysis of multiple compounds in rhubarb decoction after processing by wine steaming using UHPLC-Q-TOF-MS coupled with multiple statistical strategies. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 3081-90	3.4	35
57	Investigation on the spectrum-effect relationships of Da-Huang-Fu-Zi-Tang in rats by UHPLC-ESI-Q-TOF-MS method. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 154, 606-12	5	30
56	Ammonium sulfate gradient loading of brucine into liposomes: effect of phospholipid composition on entrapment efficiency and physicochemical properties in vitro. <i>Drug Development and Industrial Pharmacy</i> , <b>2010</b> , 36, 245-253	3.6	30
55	Rapid simultaneous identification and determination of the multiple compounds in crude Fructus Corni and its processed products by HPLC-MS/MS with multiple reaction monitoring mode. <i>Pharmaceutical Biology</i> , <b>2013</b> , 51, 273-8	3.8	27
54	Pharmacological evaluation of total alkaloids from nux vomica: effect of reducing strychnine contents. <i>Molecules</i> , <b>2014</b> , 19, 4395-408	4.8	24
53	Profiling and characterization of volatile components from non-fumigated and sulfur-fumigated Flos Lonicerae Japonicae using comprehensive two-dimensional gas chromatography time-of-flight mass spectrometry coupled with chemical group separation. <i>Molecules</i> , <b>2013</b> , 18, 1368-82	4.8	20
52	A Rapid and Sensitive Assay for Determining the Main Components in Processed Fructus Corni by UPLC-Q-TOF-MS. <i>Chromatographia</i> , <b>2011</b> , 73, 135-141	2.1	20
51	Quality assessment of raw and processed Arctium lappa L. through multicomponent quantification, chromatographic fingerprint, and related chemometric analysis. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 1491-8	3.4	18
50	Study on chemical fingerprinting of crude and processed Atractylodes macrocephala from different locations in Zhejiang province by reversed-phase high-performance liquid chromatography coupled with hierarchical cluster analysis. <i>Pharmacognosy Magazine</i> , <b>2012</b> , 8, 300-7	0.8	18
49	Identification and Analysis of Compound Profiles of Sinisan Based on Individual Herb, Herb-Pair, Herbal Formula Before and after Processing Using UHPLC-Q-TOF/MS Coupled with Multiple Statistical Strategy. <i>Molecules</i> , <b>2018</b> , 23,	4.8	18
48	Study on spectrum-effect correlation for screening the effective components in Fangji Huangqi Tang basing on ultra-high performance liquid chromatography-mass spectrometry. <i>Phytomedicine</i> , <b>2018</b> , 47, 81-92	6.5	17
47	Simultaneous quantification of chrysophanol and physcion in rat plasma by ultra fast liquid chromatography-tandem mass spectrometry and application of the technique to comparative pharmacokinetic studies of Radix et Rhei Rhizoma extract alone and Dahuang Fuzi Decoction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2015</b> , 980, 88-93	3.2	17
46	Distribution patterns for metabolites in medicinal parts of wild and cultivated licorice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 161, 464-473	3.5	16
45	Investigation on Spectrum-Effect Correlation between Constituents Absorbed into Blood and Bioactivities of Baizhu Shaoyao San before and after Processing on Ulcerative Colitis Rats by UHPLC/Q-TOF-MS/MS Coupled with Gray Correlation Analysis. <i>Molecules</i> , <b>2019</b> , 24,	4.8	15
44	Hepatoprotective effect of superfine particles of herbal medicine against CCl4-induced acute liver damage in rats. <i>BioMed Research International</i> , <b>2014</b> , 2014, 934732	3	13
43	Chemical analysis of raw and processed Fructus arctii by high-performance liquid chromatography/diode array detection-electrospray ionization-mass spectrometry. <i>Pharmacognosy Magazine</i> , <b>2014</b> , 10, 541-6	0.8	13

42	An herbal formula attenuates collagen-induced arthritis via inhibition of JAK2-STAT3 signaling and regulation of Th17 cells in mice. <i>Oncotarget</i> , <b>2017</b> , 8, 44242-44254	3.3	13
41	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> , <b>2017</b> , 1040, 222-232	3.2	12
40	Bioactivity evaluation-based ultra high-performance liquid chromatography coupled with electrospray ionization tandem quadrupole-time-of-flight mass spectrometry and novel distinction of multi-subchemome compatibility recognition strategy with Astragali Radix-Fructus Corni herb-pair as a case study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 129, 514-534	3.5	12
39	Development of an UHPLC-MS/MS method for comparative pharmacokinetics of nine anthraquinones in rats and application to dosage conversion between different Semen Cassiae forms. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 174, 696-706	3.5	11
38	Investigation of the Chemical Changes from Crude and Processed Paeoniae Radix Alba-Atractylodis Macrocephalae Rhizoma Herbal Pair Extracts by Using Q Exactive High-Performance Benchtop Quadrupole-Orbitrap LC-MS/MS. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2014</b> , 2014, 170950	2.3	11
37	Element analysis and characteristic identification of non-fumigated and sulfur-fumigated <i>Fritillaria thunbergii</i> Miq. using microwave digestion-inductively coupled plasma atomic emission spectrometry combined with Fourier transform infrared spectrometry. <i>Pharmacognosy Magazine</i> , <b>2014</b> , 10, 682-9	0.8	11
36	Optimization of ultrasound-assisted extraction of phenolic compounds from <i>Cimicifugae rhizoma</i> with response surface methodology. <i>Pharmacognosy Magazine</i> , <b>2015</b> , 11, 682-9	0.8	11
35	Ultra-high-performance liquid chromatography-quadrupole/time of flight mass spectrometry combined with statistical analysis for rapidly revealing the influence of sulfur-fumigated <i>Paeoniae Radix Alba</i> on the chemical constituents of <i>Si Wu Tang</i> . <i>Analytical Methods</i> , <b>2015</b> , 7, 9442-9451	3.2	10
34	Simultaneous Determination of 10 Flavonoids in Crude and Wine-Processed <i>Radix scutellariae</i> by UHPLC. <i>Journal of Chromatographic Science</i> , <b>2016</b> , 54, 312-7	1.4	9
33	Comparative Study on Pharmacokinetics of Four Active Compounds in Rat Plasma after Oral Administration of Raw and Wine Processed <i>Chuanxiong Rhizoma</i> . <i>Molecules</i> , <b>2019</b> , 25,	4.8	9
32	Emodin attenuates cell injury and inflammation in pancreatic acinar AR42J cells. <i>Journal of Asian Natural Products Research</i> , <b>2019</b> , 21, 186-195	1.5	9
31	Tetramethylpyrazine Inhibits Activation of Hepatic Stellate Cells through Hedgehog Signaling Pathways In Vitro. <i>BioMed Research International</i> , <b>2015</b> , 2015, 603067	3	8
30	Strategy of integrated evaluation on treatment of traditional Chinese medicine as Interaction of system to system and establishment of novel fuzzy target contribution recognition with herb-pairs, a case study on <i>Astragali Radix-Fructus Corni</i> . <i>Molecular and Cellular Endocrinology</i> , <b>2016</b> , 434, 219-37	4.4	7
29	Oxidative phosphorylation activation is an important characteristic of DOX resistance in hepatocellular carcinoma cells. <i>Cell Communication and Signaling</i> , <b>2018</b> , 16, 6	7.5	7
28	Dahuang Zhechong Pill Combined with Doxorubicin Induces Cell Death through Regulating Energy Metabolism in Human Hepatocellular Carcinoma Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2017</b> , 2017, 6279576	2.3	7
27	Multi-component analysis in sun-dried and sulfur-fumigated <i>Angelicae Sinensis Radix</i> by single marker quantitation and chemometric discrimination. <i>Pharmacognosy Magazine</i> , <b>2014</b> , 10, S189-97	0.8	7
26	Simultaneous determination of 10 active components in <i>Baizhu Shaoyao San</i> and its single herbs by high-performance liquid chromatography coupled with diode array detection. <i>Journal of Chromatographic Science</i> , <b>2015</b> , 53, 633-40	1.4	4
25	A metabolomics research based on UHPLC-ESI-Q-TOF-MS coupled with metabolic pathway analysis: Treatment effects of stir-frying <i>Xanthii Fructus</i> on allergic rhinitis in mice model. <i>Biomedical Chromatography</i> , <b>2018</b> , 32, e4352	1.7	4

24	Rapid Determination of the Main Compounds in Crude and Processed <i>Atractylodes macrocephala</i> Using Fourier Transform Infrared Spectroscopy with Attenuated Total Reflectance. <i>Analytical Letters</i> , <b>2014</b> , 47, 616-626	2.2	4
23	Novel characterization of <i>Radix Angelicae Dahuricae</i> before and after the sulfur-fumigation process by combining high performance liquid chromatographic fingerprint and multi-ingredients determination. <i>Pharmacognosy Magazine</i> , <b>2014</b> , 10, 338-45	0.8	4
22	Rapid and undamaged analysis of crude and processed <i>Radix Scrophulariae</i> by Fourier transform infrared spectroscopy coupled with soft independent modeling of class analogy. <i>Pharmacognosy Magazine</i> , <b>2014</b> , 10, 265-70	0.8	4
21	A metabolomics approach to study the dual modulation by characterization of chemical alteration during processing of <i>Gardeniae Fructus</i> using UPLC-ESI-QTOF. <i>Analytical Methods</i> , <b>2016</b> , 8, 3629-3635	3.2	4
20	Qualitative analysis of a sulfur-fumigated Chinese herbal medicine by comprehensive two-dimensional gas chromatography and high-resolution time of flight mass spectrometry using colorized fuzzy difference data processing. <i>Chinese Journal of Integrative Medicine</i> , <b>2017</b> , 23, 261-269	2.9	3
19	Evaluation of the Influence of Sulfur-Fumigated <i>Paeoniae Radix Alba</i> on the Quality of <i>Si Wu Tang</i> by Chromatographic and Chemometric Analysis. <i>Journal of Analytical Methods in Chemistry</i> , <b>2016</b> , 2016, 8358609	2	3
18	Optimization of the processing technology of <i>Fructus Arctii</i> by response surface methodology. <i>Chinese Journal of Natural Medicines</i> , <b>2015</b> , 13, 222-31	2.8	2
17	Discrimination of volatiles in herbal formula <i>Baizhu Shaoyao San</i> before and after processing using needle trap device with multivariate data analysis. <i>Royal Society Open Science</i> , <b>2018</b> , 5, 171987	3.3	2
16	Development and validation of a HPLC-UV-ESI-MS method for the simultaneous quantitation of ten bioactive compounds in <i>Dahuang Fuzi Tang</i> . <i>Chinese Journal of Natural Medicines</i> , <b>2014</b> , 12, 952-60	2.8	2
15	Analysis of the influence of sulfur-fumigation on the volatile components of <i>Angelicae sinensis Radix</i> by comprehensive two-dimensional gas chromatography/time-of-flight mass spectrometry. <i>Pharmacognosy Magazine</i> , <b>2014</b> , 10, 304-13	0.8	2
14	Elemental Analysis of <i>Flos Chrysanthemi</i> by Inductively Coupled Plasma Atomic Emission Spectrometry with Pressurized Digestion. <i>Analytical Letters</i> , <b>2014</b> , 47, 1589-1597	2.2	2
13	Exploring Potential Chemical Transformation by Chemical Profiling Approach for Rapidly Evaluating Chemical Consistency between Sun-Dried and Sulfur-Fumigated <i>Radix Paeoniae Alba</i> Using Ultraperformance Liquid Chromatography Coupled with Time-of-Flight Mass Spectrometry. <i>Journal of Chromatography B</i> , <b>2018</b> , 2018, 749918	2.3	2
12	Application of Microdialysis for Pharmacokinetics of Traditional Chinese Medicine Studies. <i>Analytical Letters</i> , <b>2009</b> , 43, 55-72	2.2	2
11	Validation and Application of an Ultra High-Performance Liquid Chromatography Tandem Mass Spectrometry Method for <i>Yuanhuacine</i> Determination in Rat Plasma after Pulmonary Administration: Pharmacokinetic Evaluation of a New Drug Delivery System. <i>Molecules</i> , <b>2016</b> , 21,	4.8	2
10	Quality evaluation of <i>Eucommiae Cortex</i> processed by different methods and "sweating" conditions based on simultaneous determination of multiple bioactive constituents combined with gray relational analysis. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 1050-1062	3.4	2
9	Ultra-high-performance liquid chromatography with tandem mass spectrometry method for determination of four compounds in rat plasma after oral administration of <i>Xanthii fructus</i> and stir-fried <i>Xanthii fructus</i> extracts. <i>Biomedical Chromatography</i> , <b>2019</b> , 33, e4464	1.7	2
8	Effect of Different Drying Methods on the Essential Oils of Mint ( <i>Mentha Haplocalyx</i> ). <i>Natural Product Communications</i> , <b>2013</b> , 8, 1934578X1300801	0.9	1
7	LC Determination of Five Flavonoid Aglycones in the Tibetan Medicinal Plant <i>Oxytropis falcata</i> Bunge. <i>Chromatographia</i> , <b>2009</b> , 70, 1451-1454	2.1	1

6	Development of HPLC fingerprint for quality assessment of Bulbus Lilii. <i>Natural Product Communications</i> , <b>2013</b> , 8, 1447-9	0.9	1
5	Effect of different drying methods on the essential oils of mint ( <i>Mentha haplocalyx</i> ). <i>Natural Product Communications</i> , <b>2013</b> , 8, 1479-80	0.9	1
4	Cytotoxicity and penetration enhancement activity of essential oils from warming the interior medicinals with hot or warm property in terms of Traditional Chinese Medicine. <i>Journal of Traditional Chinese Medicine</i> , <b>2018</b> , 38, 257-265	1.1	1
3	Development of HPLC Fingerprint for Quality Assessment of Bulbus Lilii. <i>Natural Product Communications</i> , <b>2013</b> , 8, 1934578X1300801	0.9	0
2	Optimizing Processing Technology of : Based on Anti-Fibrotic Activity.. <i>Frontiers in Nutrition</i> , <b>2022</b> , 9, 807071	6.2	0
1	A Reasonable Evaluation of Processing with Wine through Comparative Pharmacokinetic Study of Bioactive Components: Dominant Effect on Middle Cerebral Artery Occlusion Model Rats.. <i>Journal of Analytical Methods in Chemistry</i> , <b>2022</b> , 2022, 8252038	2	