

Hao Cai

List of Publications by Year in descending order

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59
papers

841
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430442

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68
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times ranked

1215
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#	ARTICLE	IF	CITATIONS
1	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> , 2018, 1083, 110-123.	1.2	55
2	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> , 2016, 39, 3081-3090.	1.3	44
3	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> , 2010, 36, 245-253.	0.9	38
4	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> , 2014, 154, 606-612.	2.0	38
5	Rapid simultaneous identification and determination of the multiple compounds in crude <i>Fructus Corni</i> and its processed products by HPLC-MS/MS with multiple reaction monitoring mode. <i>Pharmaceutical Biology</i> , 2013, 51, 273-278.	1.3	35
6	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> , 2018, 23, 3128.	1.7	34
7	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> , 2019, 24, 940.	1.7	34
8	Pharmacological Evaluation of Total Alkaloids from <i>Nux Vomica</i> : Effect of Reducing Strychnine Contents. <i>Molecules</i> , 2014, 19, 4395-4408.	1.7	32
9	Profiling and Characterization of Volatile Components from Non-Fumigated and Sulfur-Fumigated <i>Flos Lonicerae Japonicae</i> Using Comprehensive Two-Dimensional Gas Chromatography Time-of-Flight Mass Spectrometry Coupled with Chemical Group Separation. <i>Molecules</i> , 2013, 18, 1368-1382.	1.7	28
10	An herbal formula attenuates collagen-induced arthritis via inhibition of JAK2-STAT3 signaling and regulation of Th17 cells in mice. <i>Oncotarget</i> , 2017, 8, 44242-44254.	0.8	25
11	Distribution patterns for metabolites in medicinal parts of wild and cultivated licorice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 464-473.	1.4	24
12	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> , 2018, 47, 81-92.	2.3	24
13	A Rapid and Sensitive Assay for Determining the Main Components in Processed <i>Fructus Corni</i> by UPLC-Q-TOF-MS. <i>Chromatographia</i> , 2011, 73, 135-141.	0.7	23
14	Quality assessment of raw and processed <i>Arctium lappa</i> L. through multicomponent quantification, chromatographic fingerprint, and related chemometric analysis. <i>Journal of Separation Science</i> , 2015, 38, 1491-1498.	1.3	23
15	Investigation of the Chemical Changes from Crude and Processed <i>Paeoniae Radix Alba-Atractylodis Macrocephalae Rhizoma</i> Herbal Pair Extracts by Using Q Exactive High-Performance Benchtop Quadrupole-Orbitrap LC-MS/MS. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-14.	0.5	21
16	Development of an UHPLC-MS/MS method for comparative pharmacokinetics of nine anthraquinones in rats and application to dosage conversion between different <i>Semen Cassiae</i> forms. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 696-706.	1.4	21
17	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 <i>Radix et Rhei Rhizoma</i> extract alone and <i>Dahuang Fuzi</i> Decoction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 980, 88-93.	1.2	20
18	Study on chemical fingerprinting of crude and processed <i>Atractylodes macrocephala</i> from different locations in Zhejiang province by reversed-phase high-performance liquid chromatography coupled with hierarchical cluster analysis. <i>Pharmacognosy Magazine</i> , 2012, 8, 300.	0.3	19

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19	Chemical analysis of raw and processed <i>Fructus arctii</i> by high-performance liquid chromatography/diode array detection-electrospray ionization-mass spectrometry. <i>Pharmacognosy Magazine</i> , 2014, 10, 541.	0.3	16
20	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> , 2014, 10, 30.	0.3	16
21	Hepatoprotective Effect of Superfine Particles of Herbal Medicine against CCl ₄ -Induced Acute Liver Damage in Rats. <i>BioMed Research International</i> , 2014, 2014, 1-6.	0.9	15
22	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 <i>Astragali Radix-Fructus Corni</i> herb-pair as a case study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 514-534.	1.4	14
23	Oxidative phosphorylation activation is an important characteristic of DOX resistance in hepatocellular carcinoma cells. <i>Cell Communication and Signaling</i> , 2018, 16, 6.	2.7	14
24	Simultaneous Determination of 10 Flavonoids in Crude and Wine-Processed <i>Radix scutellariae</i> by UHPLC. <i>Journal of Chromatographic Science</i> , 2016, 54, bm143.	0.7	12
25	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
26	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> , 2020, 25, 93.	1.7	12
27	Emodin attenuates cell injury and inflammation in pancreatic acinar AR42J cells. <i>Journal of Asian Natural Products Research</i> , 2019, 21, 186-195.	0.7	11
28	Optimization of ultrasound-assisted extraction of phenolic compounds from <i>Cimicifugae rhizoma</i> with response surface methodology. <i>Pharmacognosy Magazine</i> , 2015, 11, 682.	0.3	11
29	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> , 2015, 7, 9442-9451.	1.3	10
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> , 2016, 434, 219-237.	1.6	10
31	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> , 2017, 2017, 1-8.	0.5	10
32	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> , 2018, 32, e4352.	0.8	10
33	Tetramethylpyrazine Inhibits Activation of Hepatic Stellate Cells through Hedgehog Signaling Pathways In Vitro. <i>BioMed Research International</i> , 2015, 2015, 1-5.	0.9	9
34	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> , 2014, 10, 189.	0.3	8
35	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> , 2017, 23, 261-269.	0.7	8
36	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> , 2015, 53, 633-640.	0.7	7

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37	Novel characterization of Radix Angelicae Dahuricae before and after the sulfur-fumigation process by combining high performance liquid chromatographic fingerprint and multi-ingredients determination. <i>Pharmacognosy Magazine</i> , 2014, 10, 338.	0.3	6
38	Ultra high performance liquid chromatography with tandem mass spectrometry method for determination of four compounds in rat plasma after oral administration of Xanthii fructus and stir-fried Xanthii fructus extracts. <i>Biomedical Chromatography</i> , 2018, 33, e4464.	0.8	6
39	Elemental Analysis of Flos Chrysanthemi by Inductively Coupled Plasma Atomic Emission Spectrometry with Pressurized Digestion. <i>Analytical Letters</i> , 2014, 47, 1589-1597.	1.0	5
40	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> , 2014, 47, 616-626.	1.0	4
41	Rapid and undamaged analysis of crude and processed Radix Scrophulariae by Fourier transform infrared spectroscopy coupled with soft independent modeling of class analogy. <i>Pharmacognosy Magazine</i> , 2014, 10, 265.	0.3	4
42	Analysis of the influence of sulfur-fumigation on the volatile components of Angelicae sinensis Radix by comprehensive two-dimensional gas chromatography/time-of-flight mass spectrometry. <i>Pharmacognosy Magazine</i> , 2014, 10, 304.	0.3	4
43	Optimization of the processing technology of Fructus Arctii by response surface methodology. <i>Chinese Journal of Natural Medicines</i> , 2015, 13, 222-231.	0.7	4
44	Evaluation of the Influence of Sulfur-Fumigated Paeoniae Radix Alba on the Quality of Si Wu Tang by Chromatographic and Chemometric Analysis. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 2016, 1-10.	0.7	4
45	A metabolomics approach to study the dual modulation by characterization of chemical alteration during processing of Gardeniae Fructus using UPLC-ESI-QTOF. <i>Analytical Methods</i> , 2016, 8, 3629-3635.	1.3	4
46	Discrimination of volatiles in herbal formula Baizhu Shaoyao San before and after processing using needle trap device with multivariate data analysis. <i>Royal Society Open Science</i> , 2018, 5, 171987.	1.1	4
47	Optimizing Processing Technology of Cornus officinalis: Based on Anti-Fibrotic Activity. <i>Frontiers in Nutrition</i> , 2022, 9, 807071.	1.6	4
48	Application of Microdialysis for Pharmacokinetics of Traditional Chinese Medicine Studies. <i>Analytical Letters</i> , 2009, 43, 55-72.	1.0	3
49	Exploring Potential Chemical Transformation by Chemical Profiling Approach for Rapidly Evaluating Chemical Consistency between Sun-Dried and Sulfur-Fumigated Radix Paeoniae Alba Using Ultraperformance Liquid Chromatography Coupled with Time-of-Flight Mass Spectrometry. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	0.5	3
50	Development of HPLC Fingerprint for Quality Assessment of Bulbus Lili. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300801.	0.2	3
51	Validation and Application of an Ultra High-Performance Liquid Chromatography Tandem Mass Spectrometry Method for Yuanhuacine Determination in Rat Plasma after Pulmonary Administration: Pharmacokinetic Evaluation of a New Drug Delivery System. <i>Molecules</i> , 2016, 21, 1733.	1.7	3
52	Quality evaluation of Eucommiae Cortex 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> , 2018, 41, 1050-1062.	1.3	3
53	LC Determination of Five Flavonoid Aglycones in the Tibetan Medicinal Plant <i>Oxytropis falcata</i> Bunge. <i>Chromatographia</i> , 2009, 70, 1451-1454.	0.7	2
54	Effect of Different Drying Methods on the Essential Oils of Mint (<i>Mentha Haplocalyx</i>). <i>Natural Product Communications</i> , 2013, 8, 1934578X1300801.	0.2	2

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55	Development and validation of a HPLC-LIV-ESI-MS method for the simultaneous quantitation of ten bioactive compounds in Dahuang Fuzi Tang. Chinese Journal of Natural Medicines, 2014, 12, 952-960.	0.7	2
56	Effect of different drying methods on the essential oils of mint (<i>Mentha haplocalyx</i>). Natural Product Communications, 2013, 8, 1479-80.	0.2	2
57	Cytotoxicity and penetration enhancement activity of essential oils from warming the interior medicinals with hot or warm property in terms of Traditional Chinese Medicine. Journal of Traditional Chinese Medicine, 2018, 38, 257-265.	0.1	2
58	A Reasonable Evaluation of Chuanxiong Rhizoma Processing with Wine through Comparative Pharmacokinetic Study of Bioactive Components: Dominant Effect on Middle Cerebral Artery Occlusion Model Rats. Journal of Analytical Methods in Chemistry, 2022, 2022, 1-11.	0.7	2
59	Development of HPLC fingerprint for quality assessment of <i>Bulbus Lillii</i> . Natural Product Communications, 2013, 8, 1447-9.	0.2	1