

Tingting Zhou

List of Publications by Year in descending order

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34
papers

881
citations

516561

16
h-index

477173

29
g-index

35
all docs

35
docs citations

35
times ranked

1094
citing authors

#	ARTICLE	IF	CITATIONS
1	Qualitative and quantitative determination of ten alkaloids in traditional Chinese medicine Corydalis yanhusuo W.T. Wang by LC-MS/MS and LC-DAD. Journal of Pharmaceutical and Biomedical Analysis, 2007, 45, 219-226.	1.4	102
2	Chemical fingerprinting of Gardenia jasminoides Ellis by HPLC-DAD-ESI-MS combined with chemometrics methods. Food Chemistry, 2015, 188, 648-657.	4.2	68
3	Large-scale isolation and purification of geniposide from the fruit of Gardenia jasminoides Ellis by high-speed counter-current chromatography. Journal of Chromatography A, 2005, 1100, 76-80.	1.8	63
4	Separation and determination of coumarins in Fructus cnidii extracts by pressurized capillary electrochromatography using a packed column with a monolithic outlet frit. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 695-702.	1.4	54
5	An efficient strategy based on MAE, HPLC-DAD-ESI-MS/MS and 2D-prep-HPLC-DAD for the rapid extraction, separation, identification and purification of five active coumarin components from radix angelicae dahuricae. Phytochemical Analysis, 2010, 21, 473-482.	1.2	54
6	Application of high-speed counter-current chromatography coupled with high-performance liquid chromatography-diode array detection for the preparative isolation and purification of hyperoside from Hypericum perforatum with online purity monitoring. Journal of Chromatography A, 2006, 1116, 97-101.	1.8	52
7	Fragmentation study of iridoid glycosides including epimers by liquid chromatography-diode array detection/electrospray ionization mass spectrometry and its application in metabolic fingerprint analysis of <i>Gardenia jasminoides</i> Ellis. Rapid Communications in Mass Spectrometry, 2010, 24, 2520-2528.	0.7	50
8	Isolation and purification of iridoid glycosides from Gardenia jasminoides Ellis by isocratic reversed-phase two-dimensional preparative high-performance liquid chromatography with column switch technology. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 858, 296-301.	1.2	45
9	On-line purity monitoring in high-speed counter-current chromatography: Application of HSCCC-HPLC-DAD for the preparation of 5-HMF, neomangiferin and mangiferin from Anemarrhena asphodeloides Bunge. Journal of Pharmaceutical and Biomedical Analysis, 2007, 44, 96-100.	1.4	38
10	A new strategy for statistical analysis-based fingerprint establishment: Application to quality assessment of Semen sojae praeparatum. Food Chemistry, 2018, 258, 189-198.	4.2	38
11	Cyclodextrin-based ultrasonic-assisted microwave extraction and HPLC-PDA-ESI-ITMSn separation and identification of hydrophilic and hydrophobic components of Polygonum cuspidatum: A green, rapid and effective process. Industrial Crops and Products, 2016, 80, 59-69.	2.5	30
12	Rapid determination of telmisartan in human plasma by HPLC using a monolithic column with fluorescence detection and its application to a bioequivalence study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 3729-3733.	1.2	29
13	Isolation and purification of lignans from <i>Magnolia biondii</i> Pamp by isocratic reversed-phase two-dimensional liquid chromatography following microwave-assisted extraction. Journal of Separation Science, 2007, 30, 2370-2381.	1.3	25
14	Non-isoflavones Diet Incurred Metabolic Modifications Induced by Constipation in Rats via Targeting Gut Microbiota. Frontiers in Microbiology, 2018, 9, 3002.	1.5	25
15	Physcion 8-O- β -glucopyranoside ameliorates liver fibrosis through inflammation inhibition by regulating SIRT3-mediated NF- κ B P65 nuclear expression. International Immunopharmacology, 2021, 90, 107206.	1.7	19
16	Isolation and purification of isoflavonoids from Rhizoma Belamcandae by two-dimensional preparative high-performance liquid chromatography with column switch technology. Biomedical Chromatography, 2009, 23, 1064-1072.	0.8	18
17	Metabolomics based comprehensive investigation of Gardeniae Fructus induced hepatotoxicity. Food and Chemical Toxicology, 2021, 153, 112250.	1.8	17
18	Impurities preparation of sodium tanshinone IIA sulfonate by high-speed counter-current chromatography and identification by liquid chromatography/multistage tandem mass spectrometry. Journal of Chromatography A, 2013, 1288, 28-34.	1.8	15

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19	Quantification of isoflavone glycosides and aglycones in rat plasma by LC-MS/MS: Troubleshooting of interference from food and its application to pharmacokinetic study of Semen Sojae Praeparatum extract. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 444-454.	1.4	15
20	Butyrate emerges as a crucial effector of Zhi-Zi-Chi decoctions to ameliorate depression via multiple pathways of brain-gut axis. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112861.	2.5	14
21	A comprehensive strategy using chromatographic profiles combined with chemometric methods: Application to quality control of <i>Polygonum cuspidatum</i> Sieb. et Zucc. <i>Journal of Chromatography A</i> , 2016, 1466, 67-75.	1.8	12
22	Compatibility with Semen Sojae Praeparatum attenuates hepatotoxicity of Gardeniae Fructus by regulating the microbiota, promoting butyrate production and activating antioxidant response. <i>Phytomedicine</i> , 2021, 90, 153656.	2.3	12
23	Combination of cell metabolomics and pharmacology: A novel strategy to investigate the neuroprotective effect of Zhi-zi-chi decoction. <i>Journal of Ethnopharmacology</i> , 2019, 236, 302-315.	2.0	11
24	Optimization of an accelerated solvent extraction dispersive liquid-liquid microextraction method for the separation and determination of essential oil from <i>Ligusticum chuanxiong</i> Hort by gas chromatography with mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 3588-3598.	1.3	10
25	Soy protein degradation drives diversity of amino-containing compounds via <i>Bacillus subtilis</i> natto fermentation. <i>Food Chemistry</i> , 2022, 388, 133034.	4.2	10
26	Simultaneous fingerprint, quantitative analysis and anti-oxidative based screening of components in <i>Rhizoma Smilacis Glabrae</i> using liquid chromatography coupled with Charged Aerosol and Coulometric array Detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1049-1050, 41-50.	1.2	9
27	Determination of Vancomycin in Human Serum by Cyclodextrin-Micellar Electrokinetic Capillary Chromatography (CD-MEKC) and Application for PDAP Patients. <i>Molecules</i> , 2017, 22, 538.	1.7	9
28	Isolation and Purification of Three Flavonoids from the Hawthorn Leaves by High Speed Countercurrent Chromatography, Combined with Isocratic Preparative Reversed-Phase High Performance Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 2216-2231.	0.5	8
29	Connecting the dots: Targeting the microbiome in drug toxicity. <i>Medicinal Research Reviews</i> , 2022, 42, 83-111.	5.0	8
30	On-Line Organic Solvent Field Enhanced Sample Injection in Capillary Zone Electrophoresis for Analysis of Quetiapine in Beagle Dog Plasma. <i>Molecules</i> , 2016, 21, 121.	1.7	7
31	Isoflavones' effects on pharmacokinetic profiles of main iridoids from <i>Gardeniae Fructus</i> in rats. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 571-580.	2.4	7
32	Quantification of a Novel Photosensitizer of Chlorin e6-C15-Monomethyl Ester in Beagle Dog Plasma Using HPLC: Application to Pharmacokinetic Studies. <i>Molecules</i> , 2017, 22, 693.	1.7	3
33	Optimization and validation of an ion-pair RP-HPLC-UV method for the determination of total free iodine in rabbit plasma: application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2009, 23, 1151-1159.	0.8	2
34	Predicting a Potential Link to Antidepressant Effect: Neuroprotection of Zhi-zi-chi Decoction on Glutamate-induced Cytotoxicity in PC12 Cells. <i>Frontiers in Pharmacology</i> , 2020, 11, 625108.	1.6	2