

Feng Zhang

List of Publications by Year in descending order

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65
papers

1,143
citations

394286

19
h-index

477173

29
g-index

67
all docs

67
docs citations

67
times ranked

1458
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural product derived phytochemicals in managing acute lung injury by multiple mechanisms. <i>Pharmacological Research</i> , 2021, 163, 105224.	3.1	173
2	Simultaneous determination of active xanthone glycosides, timosaponins and alkaloids in rat plasma after oral administration of Zi-Shen Pill extract for the pharmacokinetic study by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 1845-1854.	1.2	66
3	A review of the ethnopharmacology, phytochemistry, pharmacology, and quality control of <i>Scutellaria barbata</i> D. Don. <i>Journal of Ethnopharmacology</i> , 2020, 254, 112260.	2.0	53
4	Metabolomics Characterizes the Effects and Mechanisms of Quercetin in Nonalcoholic Fatty Liver Disease Development. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1220.	1.8	44
5	<i>Schisandra chinensis</i> extract decreases chloroacetaldehyde production in rats and attenuates cyclophosphamide toxicity in liver, kidney and brain. <i>Journal of Ethnopharmacology</i> , 2018, 210, 223-231.	2.0	43
6	Liquid chromatography-tandem mass spectrometry method for simultaneous determination of seven commonly used anticancer drugs in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 906, 1-8.	1.2	34
7	Iridoid glucosides and a C13-norisoprenoid from <i>Lamiophlomis rotata</i> and their effects on NF- κ B activation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4447-4452.	1.0	29
8	LC-MS/MS method for simultaneous determination of serum cresyl sulfate and indoxyl sulfate in patients undergoing peritoneal dialysis. <i>Biomedical Chromatography</i> , 2016, 30, 1782-1788.	0.8	28
9	<i>Rhizoma Anemarrhenae</i> extract ameliorates hyperglycemia and insulin resistance via activation of AMP-activated protein kinase in diabetic rodents. <i>Journal of Ethnopharmacology</i> , 2015, 172, 368-376.	2.0	27
10	Chemical profile- and pharmacokinetics-based investigation of the synergistic property of <i>Platycodonis Radix</i> in Traditional Chinese Medicine formula Shengxian Decoction. <i>Journal of Ethnopharmacology</i> , 2014, 152, 497-507.	2.0	26
11	LC-MS/MS method for simultaneous determination of thalidomide, lenalidomide, cyclophosphamide, bortezomib, dexamethasone and adriamycin in serum of multiple myeloma patients. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1028, 111-119.	1.2	26
12	Constituent analysis and quality control of <i>Lamiophlomis rotata</i> by LC-TOF/MS and HPLC-UV. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 102, 366-376.	1.4	24
13	Risk factors for calcineurin inhibitor nephrotoxicity after renal transplantation: a systematic review and meta-analysis. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 417-428.	2.0	24
14	Limonoids and Diterpenoids from <i>Toona ciliata</i> Roem. var. <i>yunnanensis</i> . <i>Planta Medica</i> , 2011, 77, 1617-1622.	0.7	23
15	Deep Sequencing Reveals the Effect of MeJA on Scutellarin Biosynthesis in <i>Erigeron breviscapus</i> . <i>PLoS ONE</i> , 2015, 10, e0143881.	1.1	23
16	Targeted metabolomic analysis of 33 amino acids and biogenic amines in human urine by ion-pairing HPLC-MS/MS: Biomarkers for tacrolimus nephrotoxicity after renal transplantation. <i>Biomedical Chromatography</i> , 2018, 32, e4198.	0.8	23
17	Shengxian decoction in chronic heart failure treatment and synergistic property of <i>platycodonis radix</i> : a metabolomic approach and its application. <i>Molecular BioSystems</i> , 2014, 10, 2055.	2.9	22
18	Evaluation of the effect of Shengxian Decoction on doxorubicin-induced chronic heart failure model rats and a multicomponent comparative pharmacokinetic study after oral administration in normal and model rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112354.	2.5	22

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19	Rapid and Sensitive Liquid Chromatography Coupled With Electrospray Ionization Tandem Mass Spectrometry Method for the Analysis of Paclitaxel, Docetaxel, Vinblastine, and Vinorelbine in Human Plasma. <i>Therapeutic Drug Monitoring</i> , 2014, 36, 394-400.	1.0	21
20	Effects of ketoconazole on cyclophosphamide metabolism: evaluation of CYP3A4 inhibition effect using the <i>in vitro</i> and <i>in vivo</i> models. <i>Experimental Animals</i> , 2018, 67, 71-82.	0.7	20
21	Qualitative analysis and quality control of Traditional Chinese Medicine preparation Tanreqing injection by LC-TOF/MS and HPLC-DAD-ELSD. <i>Analytical Methods</i> , 2013, 5, 6431.	1.3	19
22	Metabolite profiling of Zi-Shen pill in rat biological specimens by UPLC-Q-TOF/MS. <i>Chinese Journal of Natural Medicines</i> , 2015, 13, 145-160.	0.7	19
23	LC-MS/MS analysis and pharmacokinetic study on five bioactive constituents of Tanreqing injection in rats. <i>Chinese Journal of Natural Medicines</i> , 2016, 14, 769-775.	0.7	18
24	Profiling of polar urine metabolite extracts from Chinese colorectal cancer patients to screen for potential diagnostic and adverse-effect biomarkers. <i>Journal of Cancer</i> , 2020, 11, 6925-6938.	1.2	18
25	Diagnostic value of plasma tryptophan and symmetric dimethylarginine levels for acute kidney injury among tacrolimus-treated kidney transplant patients by targeted metabolomics analysis. <i>Scientific Reports</i> , 2018, 8, 14688.	1.6	17
26	Fingerprint analysis of Zhimu-Huangbai herb pair and simultaneous determination of its alkaloids, xanthone glycosides and steroidal saponins by HPLC-DAD-ELSD. <i>Chinese Journal of Natural Medicines</i> , 2014, 12, 525-534.	0.7	15
27	Enzyme-inducing effects of berberine on cytochrome P450 1A2 <i>in vitro</i> and <i>in vivo</i> . <i>Life Sciences</i> , 2017, 189, 1-7.	2.0	15
28	Phragmalin-type limonoids with NF- κ B inhibition from <i>Chukrasia tabularis</i> var. <i>velutina</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3791-3796.	1.0	14
29	LC-MS/MS Determination of Three Anthraquinones and One Stilbene in the Quality Control of Crude and Prepared Roots of <i>Polygonum multiflorum</i> Thunb.. <i>Chromatographia</i> , 2008, 67, 869-874.	0.7	13
30	New apotirucallane-type triterpenoids from <i>Chisocheton paniculatus</i> . <i>Natural Products and Bioprospecting</i> , 2012, 2, 235-239.	2.0	13
31	One-Step Solid Extraction for Simultaneous Determination of Eleven Commonly Used Anticancer Drugs and One Active Metabolite in Human Plasma by HPLC-MS/MS. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 2018, 1-12.	0.7	13
32	Wuzhi capsule regulates chloroacetaldehyde pharmacokinetics behaviour and alleviates high-dose cyclophosphamide-induced nephrotoxicity and neurotoxicity in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 142-151.	1.2	13
33	An HPLC-MS/MS method for the quantitative determination of platycodin D in rat plasma and its application to the pharmacokinetics of Platycodi Radix extract. <i>Chinese Journal of Natural Medicines</i> , 2014, 12, 154-160.	0.7	11
34	Analysis of amino acids in human blood using UHPLC-MS/MS: Potential interferences of storage time and vacutainer tube in pre-analytical procedure. <i>Clinical Biochemistry</i> , 2016, 49, 1372-1378.	0.8	11
35	Two New Oleanane-Type Triterpenoids from Platycodi Radix and Anti-proliferative Activity in HSC-T6 Cells. <i>Molecules</i> , 2012, 17, 14899-14907.	1.7	10
36	Genomic methylation variations predict the susceptibility of six chemotherapy related adverse effects and cancer development for Chinese colorectal cancer patients. <i>Toxicology and Applied Pharmacology</i> , 2021, 427, 115657.	1.3	10

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37	Quantification of 18 amino acids in human plasma: application in renal transplant patient plasma by targeted UHPLC-MS/MS. <i>Bioanalysis</i> , 2016, 8, 1337-1351.	0.6	9
38	Validated UHPLC-MS/MS assay for quantitative determination of etoposide, gemcitabine, vinorelbine and their metabolites in patients with lung cancer. <i>Biomedical Chromatography</i> , 2017, 31, e3989.	0.8	9
39	Time- and NADPH-Dependent Inhibition on CYP3A by Gomisin A and the Pharmacokinetic Interactions between Gomisin A and Cyclophosphamide in Rats. <i>Molecules</i> , 2017, 22, 1298.	1.7	9
40	A Sensitive and Efficient Method for Determination of Capecitabine and Its Five Metabolites in Human Plasma Based on One-Step Liquid-Liquid Extraction. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-10.	0.7	9
41	Metabolomics Evaluation of Patients With Stage 5 Chronic Kidney Disease Before Dialysis, Maintenance Hemodialysis, and Peritoneal Dialysis. <i>Frontiers in Physiology</i> , 2020, 11, 630646.	1.3	9
42	Stratifin promotes renal dysfunction in ischemic and nephrotoxic AKI mouse models via enhancing RIPK3-mediated necroptosis. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 330-341.	2.8	9
43	A new iridoid glucoside from <i>Lamiophlomis rotata</i> . <i>Chemistry of Natural Compounds</i> , 2009, 45, 360-362.	0.2	8
44	Simultaneous determination of multiple platycosides with a single reference standard in <i>Platycodon Radix</i> by high-performance liquid chromatography coupled with evaporative light scattering detection. <i>Journal of Separation Science</i> , 2015, 38, 3712-3719.	1.3	8
45	Comparison of LC-MS/MS vs chemiluminescent microparticle immunoassay in measuring the valproic acid concentration in plasma of epilepsy patients in a new perspective. <i>Journal of Clinical Laboratory Analysis</i> , 2018, 32, e22157.	0.9	8
46	UHPLC-MS/MS method for simultaneous determination of carbamazepine and its seven major metabolites in serum of epileptic patients. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1108, 17-24.	1.2	8
47	A Comprehensive Review of the Main Lignan Components of <i>Schisandra chinensis</i> (North Wu Wei Zi) and <i>Schisandra sphenanthera</i> (South Wu Wei Zi) and the Lignan-Induced Drug-Drug Interactions Based on the Inhibition of Cytochrome P450 and P-Glycoprotein Activities. <i>Frontiers in Pharmacology</i> , 2022, 13, 816036.	1.6	8
48	The Effect of Tanreqing Injection on the Pharmacokinetics of Sirolimus in Rats. <i>BioMed Research International</i> , 2019, 2019, 1-7.	0.9	7
49	Fast quantification of cyclophosphamide and its N-dechloroethylated metabolite 2-dechloroethylcyclophosphamide in human plasma by UHPLC-MS/MS. <i>Biomedical Chromatography</i> , 2014, 28, 1303-1305.	0.8	6
50	Simultaneous determination of six C ₂₁ steroids of Xiaohai Ping injection in rat plasma by LC-MS/MS. <i>Biomedical Chromatography</i> , 2014, 28, 223-230.	0.8	6
51	A direct, sensitive and efficient method for determination of alpha-fluoro-beta-alanine in urine: Evaluating the influence of magnesium isoglycyrrhizinate on excretion in rat model. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1102-1103, 17-22.	1.2	6
52	Detection of Homo- or Hetero-Association of Dok1 by Fluorescence Resonance Energy Transfer in Living Cells. <i>Molecular Imaging and Biology</i> , 2009, 11, 188-194.	1.3	5
53	Desmoplastic Fibroma of the Cervical Spine. <i>Spine</i> , 2010, 35, E667-E671.	1.0	5
54	Simultaneous Determination of 34 Amino Acids in Tumor Tissues from Colorectal Cancer Patients Based on the Targeted UHPLC-MS/MS Method. <i>Journal of Analytical Methods in Chemistry</i> , 2020, 2020, 1-12.	0.7	5

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55	Spermine-Related DNA Hypermethylation and Elevated Expression of Genes for Collagen Formation are Susceptible Factors for Chemotherapy-Induced Hand-Foot Syndrome in Chinese Colorectal Cancer Patients. <i>Frontiers in Pharmacology</i> , 2021, 12, 746910.	1.6	4
56	Analgesic and Anti-Arthritic Activities of Polysaccharides in <i>Chaenomeles speciosa</i> . <i>Frontiers in Pharmacology</i> , 2022, 13, 744915.	1.6	4
57	A targeted strategy for ingredients analysis and enrichment by mass-based preparative LC method: application to three isomeric C21 steroids from <i>Marsdenia tenacissima</i> . <i>RSC Advances</i> , 2014, 4, 7660.	1.7	3
58	Risk Reduction of Gastric Cancer by Aspirin: In the Quest of the Holy Grail. <i>American Journal of Gastroenterology</i> , 2019, 114, 533-533.	0.2	3
59	Protective Effects of Yiqi Xingnao Oral Liquid on Cerebral Ischemia-Reperfusion Injury in Rats and Its Related Mechanisms. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-11.	0.5	3
60	Bio-Guided Isolation of Two New Hypoglycemic Triterpenoid Saponins from <i>Polygonum capitatum</i> . <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 5001-5010.	2.0	3
61	A novel LC-MS/MS method for determination of tissue distribution and excretion of timosaponin B _{II} in rat biological matrices. <i>Biomedical Chromatography</i> , 2014, 28, 1011-1016.	0.8	2
62	Metabolite identification and pharmacokinetic study of <i>Lamiophlomis rotata</i> in rats. <i>RSC Advances</i> , 2016, 6, 24331-24339.	1.7	2
63	Choline deficiency-related multi-omics characteristics are susceptible factors for chemotherapy-induced thrombocytopenia. <i>Pharmacological Research</i> , 2022, 178, 106155.	3.1	2
64	The LC-MS/MS-Based Measurement of Isopimaric Acid in Rat Plasma and Application of Pharmacokinetics. <i>BioMed Research International</i> , 2021, 2021, 1-9.	0.9	1
65	Red yeast rice: a functional food used to reduce hyperlipidemia. <i>Food Reviews International</i> , 2023, 39, 4965-4991.	4.3	1