

Hui Zhou

List of Publications by Year in descending order

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57
papers

1,119
citations

394421

19
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477307

29
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59
all docs

59
docs citations

59
times ranked

1455
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereoselective binding of chiral drugs to plasma proteins. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 998-1006.	6.1	89
2	Organic cation transporter 1 mediates the uptake of monocrotaline and plays an important role in its hepatotoxicity. <i>Toxicology</i> , 2013, 311, 225-230.	4.2	52
3	Inhibition of organic cation transporter 2 and 3 may be involved in the mechanism of the antidepressant-like action of berberine. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 49, 1-6.	4.8	52
4	Interaction of five anthraquinones from rhubarb with human organic anion transporter 1 (SLC22A6) and 3 (SLC22A8) and drug-drug interaction in rats. <i>Journal of Ethnopharmacology</i> , 2014, 153, 864-871.	4.1	48
5	Characterization of phenolics of <i>Sarcandra glabra</i> by non-targeted high-performance liquid chromatography fingerprinting and following targeted electrospray ionisation tandem mass spectrometry/time-of-flight mass spectrometry analyses. <i>Food Chemistry</i> , 2013, 138, 2390-2398.	8.2	41
6	The bioactive components of <i>Coreopsis tinctoria</i> (Asteraceae) capitula: Antioxidant activity in vitro and profile in rat plasma. <i>Journal of Functional Foods</i> , 2016, 20, 575-586.	3.4	40
7	Fragmentation study on the phenolic alkaloid neferine and its analogues with anti-HIV activities by electrospray ionization tandem mass spectrometry with hydrogen/deuterium exchange and its application for rapid identification of in vitro microsomal metabolites of neferine. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2120-2128.	1.5	39
8	S100B suppression alters polarization of infiltrating myeloid-derived cells in gliomas and inhibits tumor growth. <i>Cancer Letters</i> , 2018, 439, 91-100.	7.2	37
9	The Contribution of Human OCT1, OCT3, and CYP3A4 to Nitidine Chloride-Induced Hepatocellular Toxicity. <i>Drug Metabolism and Disposition</i> , 2014, 42, 1227-1234.	3.3	35
10	Involvement of organic cation transporter 1 and CYP3A4 in retrorsine-induced toxicity. <i>Toxicology</i> , 2014, 322, 34-42.	4.2	35
11	Comprehensive multi-channel multi-dimensional counter-current chromatography for separation of tanshinones from <i>Salvia miltiorrhiza</i> Bunge. <i>Journal of Chromatography A</i> , 2014, 1323, 73-81.	3.7	28
12	Cyclosporin A affects the bioavailability of ginkgolic acids via inhibition of P-gp and BCRP. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 759-767.	4.3	28
13	K-targeted strategy for isolation of phenolic alkaloids of <i>Nelumbo nucifera</i> Gaertn by counter-current chromatography using lysine as a pH regulator. <i>Journal of Chromatography A</i> , 2017, 1490, 115-125.	3.7	28
14	In vitro characterization of ABC transporters involved in the absorption and distribution of liensinine and its analogs. <i>Journal of Ethnopharmacology</i> , 2013, 150, 485-491.	4.1	25
15	Stereoselective Interaction Between Tetrahydropalmatine Enantiomers and CYP Enzymes in Human Liver Microsomes. <i>Chirality</i> , 2013, 25, 43-47.	2.6	25
16	Interaction of six protoberberine alkaloids with human organic cation transporters 1, 2 and 3. <i>Xenobiotica</i> , 2016, 46, 175-183.	1.1	25
17	Application of a liquid chromatography-tandem mass spectrometry method to the pharmacokinetics, tissue distribution and excretion studies of <i>Dactylicapnos scandens</i> in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 74, 92-100.	2.8	24
18	The interaction between human breast cancer resistance protein (BCRP) and five bisbenzylisoquinoline alkaloids. <i>International Journal of Pharmaceutics</i> , 2013, 453, 371-379.	5.2	23

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19	Luteolin is a rare substrate of human catechol-O-methyltransferase favoring a para-methylation. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 877-885.	3.3	22
20	Recent advances in therapeutic nucleic acids and their analytical methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 206, 114368.	2.8	22
21	Up-regulation of hepatic fatty acid transporters and inhibition/down-regulation of hepatic OCTN2 contribute to olanzapine-induced liver steatosis. <i>Toxicology Letters</i> , 2019, 316, 183-193.	0.8	21
22	Development and Validation of a HPLC-ESI-MS/MS Method for Simultaneous Quantification of Fourteen Alkaloids in Mouse Plasma after Oral Administration of the Extract of <i>Corydalis yanhusuo</i> Tuber: Application to Pharmacokinetic Study. <i>Molecules</i> , 2018, 23, 714.	3.8	19
23	A novel strategy for screening new natural products by a combination of reversed-phase liquid chromatography fractionation and ¹³ C NMR pattern recognition: the discovery of new anti-cancer flavone dimers from <i>Dysosma versipellis</i> (Hance). <i>RSC Advances</i> , 2015, 5, 77553-77564.	3.6	17
24	Multiple organic cation transporters contribute to the renal transport of sulpiride. <i>Biopharmaceutics and Drug Disposition</i> , 2017, 38, 526-534.	1.9	17
25	Downregulation of OCTN2 by cytokines plays an important role in the progression of inflammatory bowel disease. <i>Biochemical Pharmacology</i> , 2020, 178, 114115.	4.4	17
26	Roles of organic anion transporter 2 and equilibrative nucleoside transporter 1 in hepatic disposition and antiviral activity of entecavir during non-pregnancy and pregnancy. <i>British Journal of Pharmacology</i> , 2019, 176, 3236-3249.	5.4	16
27	Multiple Drug Transporters Contribute to the Placental Transfer of Emtricitabine. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	16
28	Clozapine-induced reduction of l-carnitine reabsorption via inhibition/down-regulation of renal carnitine/organic cation transporter 2 contributes to liver lipid metabolic disorder in mice. <i>Toxicology and Applied Pharmacology</i> , 2019, 363, 47-56.	2.8	16
29	Organic Cation Transporter 1 and 3 Contribute to the High Accumulation of Dehydrocorydaline in the Heart. <i>Drug Metabolism and Disposition</i> , 2020, 48, 1074-1083.	3.3	16
30	Demethylation of neferine in human liver microsomes and formation of quinone methide metabolites mediated by CYP3A4 accentuates its cytotoxicity. <i>Chemico-Biological Interactions</i> , 2014, 224, 89-99.	4.0	15
31	Luteolin shows antidepressant-like effect by inhibiting and downregulating plasma membrane monoamine transporter (PMAT, Slc29a4). <i>Journal of Functional Foods</i> , 2019, 54, 440-448.	3.4	15
32	Aristolochic acid I is a substrate of BCRP but not P-glycoprotein or MRP2. <i>Journal of Ethnopharmacology</i> , 2015, 172, 430-435.	4.1	14
33	L-tetrahydropalmatine attenuates cisplatin-induced nephrotoxicity via selective inhibition of organic cation transporter 2 without impairing its antitumor efficacy. <i>Biochemical Pharmacology</i> , 2020, 177, 114021.	4.4	14
34	Post-column mobile phase adjustment: A strategy to eliminate the contradiction between liquid chromatography and mass spectrometry in the determination of flavonoids in rat plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 95, 176-183.	2.8	13
35	In vitro interaction of clopidogrel and its hydrolysate with OCT1, OCT2 and OAT1. <i>International Journal of Pharmaceutics</i> , 2014, 465, 5-10.	5.2	13
36	L-tetrahydropalmatine reduces oxaliplatin accumulation in the dorsal root ganglion and mitochondria through selectively inhibiting the transporter-mediated uptake thereby attenuates peripheral neurotoxicity. <i>Toxicology</i> , 2021, 459, 152853.	4.2	12

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37	Physicochemical Properties and Bioavailability of Lutein Microencapsulation(LM). Food Science and Technology Research, 2015, 21, 503-507.	0.6	11
38	Mechanism for ginkgolic acid (15 : 1)-induced MDCK cell necrosis: Mitochondria and lysosomes damages and cell cycle arrest. Chinese Journal of Natural Medicines, 2017, 15, 375-383.	1.3	10
39	Dehydrocorydaline induced antidepressant-like effect in a chronic unpredictable mild stress mouse model via inhibiting uptake-2 monoamine transporters. European Journal of Pharmacology, 2019, 864, 172725.	3.5	10
40	Identification of Three New N-Demethylated and O-Demethylated Bisbenzylisoquinoline Alkaloid Metabolites of Isoliensinine from Dog Hepatic Microsomes. Molecules, 2012, 17, 11712-11720.	3.8	9
41	Co-administration of nuciferine reduces the concentration of metformin in liver via differential inhibition of hepatic drug transporter OCT1 and MATE1. Biopharmaceutics and Drug Disposition, 2018, 39, 411-419.	1.9	9
42	Maternal Plasma l-Carnitine Reduction During Pregnancy Is Mainly Attributed to OCTN2-Mediated Placental Uptake and Does Not Result in Maternal Hepatic Fatty Acid Oxidation Decline. Drug Metabolism and Disposition, 2019, 47, 582-591.	3.3	9
43	Local and Systemic Immune Dysregulation Alters Glioma Growth in Hyperglycemic Mice. Clinical Cancer Research, 2020, 26, 2740-2753.	7.0	9
44	Estradiol reduced 5-HT reuptake by downregulating the gene expression of Plasma Membrane Monoamine Transporter (PMAT, Slc29a4) through estrogen receptor β and the MAPK/ERK signaling pathway. European Journal of Pharmacology, 2022, 924, 174939.	3.5	9
45	Screening and verifying potential NTCP inhibitors from herbal medicinal ingredients using the LLC-PK1 cell model stably expressing human NTCP. Chinese Journal of Natural Medicines, 2016, 14, 549-560.	1.3	8
46	Determination of intracellular anlotinib, osimertinib, afatinib and gefitinib accumulations in human brain microvascular endothelial cells by liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2021, 35, e8955.	1.5	8
47	Effects of rhein and Rheum palmatum L. extract on the pharmacokinetics and tissue distribution of aristolochic acid I and its demethylated metabolite in rats. Journal of Ethnopharmacology, 2021, 267, 113537.	4.1	8
48	Gut inflammation exacerbates high-fat diet induced steatosis by suppressing VLDL-TG secretion through HNF4 α pathway. Free Radical Biology and Medicine, 2021, 172, 459-469.	2.9	8
49	Jatrorrhizine reduces 5-HT and NE uptake via inhibition of uptake-2 transporters and produces antidepressant-like action in mice. Xenobiotica, 2019, 49, 1237-1243.	1.1	7
50	Downregulation of glucose-6-phosphatase expression contributes to fluoxetine-induced hepatic steatosis. Journal of Applied Toxicology, 2021, 41, 1232-1240.	2.8	7
51	Upregulation of hepatic CD36 by increased corticosterone/cortisol levels via GR leads to lipid accumulation in liver and hypertriglyceridaemia during pregnancy. British Journal of Pharmacology, 2022, 179, 4440-4456.	5.4	7
52	Upregulation of hepatic CD36 via glucocorticoid receptor activation contributes to dexamethasone-induced liver lipid metabolism disorder in mice. Toxicology Letters, 2022, 363, 1-10.	0.8	5
53	Rapid quantification of tenofovir in umbilical cord plasma and amniotic fluid in hepatitis B mono-infected pregnant women during labor by ultra-performance liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2020, 34, e8728.	1.5	4
54	Determination of three triterpene alcohols in rat plasma after oral administration of pollen of Brassica campestris based on the utilization of fetal bovine serum as surrogate matrix. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 944, 11-17.	2.3	3

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55	Pregnancy Impacts Entecavir Pharmacokinetics but Does Not Alter Its Renal Excretion. Journal of Pharmaceutical Sciences, 2020, 109, 1811-1818.	3.3	3
56	Inhibiting uptake activity of organic anion transporter 2 by bile acids. Drug Metabolism and Pharmacokinetics, 2022, 43, 100448.	2.2	3
57	Bilirubin Reduces the Uptake of Estrogen Precursors and the Followed Synthesis of Estradiol in Human Placental Syncytiotrophoblasts via Inhibition and Downregulation of Organic Anion Transporter 4. Drug Metabolism and Disposition, 2022, 50, 341-350.	3.3	2