Zhong Zuo

List of Publications by Year
in descending order

177 papers	7,187 citations	66343 42 h-index	69250 77 g-index
182 all docs	182 docs citations	182 times ranked	8771 citing authors

#	Article	IF	Citations
1	Danshen: An Overview of Its Chemistry, Pharmacology, Pharmacokinetics, and Clinical Use. Journal of Clinical Pharmacology, 2005, 45, 1345-1359.	2.0	1,110
2	Pharmacological effects and pharmacokinetics properties ofRadix Scutellariaeand its bioactive flavones. Biopharmaceutics and Drug Disposition, 2011, 32, 427-445.	1.9	207
3	Hawthorn. Journal of Clinical Pharmacology, 2002, 42, 605-612.	2.0	190
4	The transport of antiepileptic drugs by P-glycoprotein. Advanced Drug Delivery Reviews, 2012, 64, 930-942.	13.7	182
5	RadixPuerariae: An overview of Its Chemistry, Pharmacology, Pharmacokinetics, and Clinical Use. Journal of Clinical Pharmacology, 2013, 53, 787-811.	2.0	177
6	Pharmacokinetics and Modeling of Quercetin and Metabolites. Pharmaceutical Research, 2005, 22, 892-901.	3.5	176
7	Investigation of intestinal absorption and disposition of green tea catechins by Caco-2 monolayer model. International Journal of Pharmaceutics, 2004, 287, 1-12.	5.2	173
8	Physicochemical and Structural Characterization of Quercetin-Î²-Cyclodextrin Complexes. Journal of Pharmaceutical Sciences, 2005, 94, 1079-1089.	3.3	159
9	Intestinal and Hepatic Glucuronidation of Flavonoids. Molecular Pharmaceutics, 2007, 4, 833-845.	4.6	152
10	Current trends in drug metabolism and pharmacokinetics. Acta Pharmaceutica Sinica B, 2019, 9, 1113-1144.	12.0	147
11	Overview of the anti-inflammatory effects, pharmacokinetic properties and clinical efficacies of arctigenin and arctiin from Arctium lappa L. Acta Pharmacologica Sinica, 2018, 39, 787-801.	6.1	139
12	Discovery of Molecular Mechanisms of Traditional Chinese Medicinal Formula Si-Wu-Tang Using Gene Expression Microarray and Connectivity Map. PLoS ONE, 2011, 6, e18278.	2.5	127
13	Role of Intestinal First-Pass Metabolism of Baicalein in its Absorption Process. Pharmaceutical Research, 2005, 22, 1050-1058.	3.5	121
14	A Review of Foodâ€“Drug Interactions on Oral Drug Absorption. Drugs, 2017, 77, 1833-1855.	10.9	116
15	Involvement of UDP-Glucuronosyltransferases in the Extensive Liver and Intestinal First-Pass Metabolism of Flavonoid Baicalein. Pharmaceutical Research, 2006, 24, 81-89.	3.5	112
16	Mechanistic study on the intestinal absorption and disposition of baicalein. European Journal of Pharmaceutical Sciences, 2007, 31, 221-231.	4.0	100
17	Development, characterization and application of in situ gel systems for intranasal delivery of tacrine. International Journal of Pharmaceutics, 2014, 468, 272-282.	5.2	94
18	Effect of storage temperature on phenolics stability in hawthorn (Crataegus pinnatifida var. major) fruits and a hawthorn drink. Food Chemistry, 2006, 98, 426-430.	8.2	87

#	Article	IF	Citations
19	Rapid determination of six metabolites from multiple cytochrome P450 probe substrates in human liver microsome by liquid chromatography/mass spectrometry: application to high-throughput inhibition screening of terpenoids. Rapid Communications in Mass Spectrometry, 2007, 21, 635-643.	1.5	87
20	Improved quality control method for Danshen productsâ€"Consideration of both hydrophilic and lipophilic active components. Journal of Pharmaceutical and Biomedical Analysis, 2006, 41, 744-750.	2.8	86
21	Updates on the Clinical Evidenced Herb-Warfarin Interactions. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-18.	1.2	81
22	In vitro transport profile of carbamazepine, oxcarbazepine, eslicarbazepine acetate, and their active metabolites by human P-glycoprotein. Epilepsia, 2011, 52, 1894-1904.	5.1	77
23	Multifunctional ginsenoside Rg3-based liposomes for glioma targeting therapy. Journal of Controlled Release, 2021, 330, 641-657.	9.9	74
24	Difference in absorption of the two structurally similar flavonoid glycosides, hyperoside and isoquercitrin, in rats. European Journal of Pharmaceutics and Biopharmaceutics, 2005, 59, 549-555.	4.3	66
25	Simeprevir Potently Suppresses SARS-CoV-2 Replication and Synergizes with Remdesivir. ACS Central Science, 2021, 7, 792-802.	11.3	59
26	Simultaneous quantification of active components in the herbs and products of Si-Wu-Tang by high performance liquid chromatographyâ€"mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 232-244.	2.8	58
27	High-performance liquid chromatographic method for simultaneous determination of hawthorn active components in rat plasma. Biomedical Applications, 2001, 760, 227-235.	1.7	57
28	Identification and quantification of baicalein, wogonin, oroxylin A and their major glucuronide conjugated metabolites in rat plasma after oral administration of Radix scutellariae product. Journal of Pharmaceutical and Biomedical Analysis, 2011, 54, 750-758.	2.8	57
29	Development of a SPE-LC/MS/MS method for simultaneous quantification of baicalein, wogonin, oroxylin A and their glucuronides baicalin, wogonoside and oroxyloside in rats and its application to brain uptake and plasma pharmacokinetic studies. Journal of Pharmaceutical and Biomedical Analysis, 2014, 97, 9-23.	2.8	57
30	Contents of major bioactive flavones in proprietary traditional Chinese medicine products and reference herb of Radix Scutellariae. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 298-306.	2.8	56
31	Simultaneous measurement of S-warfarin, R-warfarin, S-7-hydroxywarfarin and R-7-hydroxywarfarin in human plasma by liquid chromatographyâ€"tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2010, 52, 305-310.	2.8	56
32	Effect of sodium caprate on the oral absorptions of danshensu and salvianolic acid B. International Journal of Pharmaceutics, 2009, 379, 109-118.	5.2	55
33	The antiâ€cancer agent <scp>SU4312 u</scp>nexpectedly protects against <scp>MPP⁺</scp>â€induced neurotoxicity via selective and direct inhibition of neuronal <scp>NOS</scp>. British Journal of Pharmacology, 2013, 168, 1201-1214.	5.4	55
34	Updates on thermosensitive hydrogel for nasal, ocular and cutaneous delivery. International Journal of Pharmaceutics, 2019, 559, 86-101.	5.2	55
35	Relationships between the Toxicities of Radix Aconiti Lateralis Preparata (Fuzi) and the Toxicokinetics of Its Main Diester-Diterpenoid Alkaloids. Toxins, 2018, 10, 391.	3.4	52
36	Piperine-loaded nanoparticles with enhanced dissolution and oral bioavailability for epilepsy control. European Journal of Pharmaceutical Sciences, 2019, 137, 104988.	4.0	52

#	Article	IF	Citations
37	Intestinal absorption of hawthorn flavonoids â€“ in vitro, in situ and in vivo correlations. Life Sciences, 2006, 79, 2455-2462.	4.3	50
38	Mechanistic analysis of pH-dependent solubility and trans-membrane permeability of amphoteric compounds: Application to sildenafil. International Journal of Pharmaceutics, 2008, 352, 217-224.	5.2	46
39	Celastrol-induced apoptosis in human HaCaT keratinocytes involves the inhibition of NF-ÎºB activity. European Journal of Pharmacology, 2011, 670, 399-408.	3.5	45
40	Potential role for human Pâ€glycoprotein in the transport of lacosamide. Epilepsia, 2013, 54, 1154-1160.	5.1	45
41	High-performance liquid chromatographic method for simultaneous determination of baicalein and baicalein 7-glucuronide in rat plasma. Journal of Pharmaceutical and Biomedical Analysis, 2004, 36, 637-641.	2.8	44
42	Intestinal efflux transport kinetics of green tea catechins in Caco-2 monolayer modelâ€. Journal of Pharmacy and Pharmacology, 2010, 59, 395-400.	2.4	44
43	In vitro concentration dependent transport of phenytoin and phenobarbital, but not ethosuximide, by human P-glycoprotein. Life Sciences, 2010, 86, 899-905.	4.3	44
44	Hepatic Metabolism and Disposition of Baicalein via the Coupling of Conjugation Enzymes and Transportersâ€”In Vitro and In Vivo Evidences. AAPS Journal, 2011, 13, 378-89.	4.4	43
45	In vitro and in situ evaluation of herbâ€“drug interactions during intestinal metabolism and absorption of Baicalein. Journal of Ethnopharmacology, 2012, 141, 742-753.	4.1	43
46	Combined therapy using bevacizumab and turmeric ethanolic extract (with absorbable curcumin) exhibited beneficial efficacy in colon cancer mice. Pharmacological Research, 2016, 111, 43-57.	7.1	43
47	Intranasal Deliveryâ€”Modification of Drug Metabolism and Brain Disposition. Pharmaceutical Research, 2010, 27, 1208-1223.	3.5	42
48	Comparison of Intestinal Absorption and Disposition of Structurally Similar Bioactive Flavones in Radix Scutellariae. AAPS Journal, 2012, 14, 23-34.	4.4	42
49	Establishing the Pharmaceutical Quality of Chinese Herbal Medicine: A Provisional BCS Classification. Molecular Pharmaceutics, 2013, 10, 1623-1643.	4.6	41
50	Comparison of the Pharmacokinetics of Hawthorn Phenolics in Extract Versus Individual Pure Compound. Journal of Clinical Pharmacology, 2005, 45, 106-112.	2.0	40
51	Simultaneous determination of ten active components in traditional Chinese medicinal products containing both Gegen (Pueraria lobata) and Danshen (Salvia miltiorrhiza) by highâ€performance liquid chromatography. Phytochemical Analysis, 2008, 19, 368-375.	2.4	40
52	In vitro transport assays of rufinamide, pregabalin, and zonisamide by human P-glycoprotein. Epilepsy Research, 2014, 108, 359-366.	1.6	35
53	Position preference on glucuronidation of mono-hydroxylflavones in human intestine. Life Sciences, 2006, 78, 2772-2780.	4.3	34
54	Statistical Design of Experiment (DoE) based development and optimization of DB213 in situ thermosensitive gel for intranasal delivery. International Journal of Pharmaceutics, 2018, 539, 50-57.	5.2	34

#	Article	IF	Citations
55	Structureâ€“activity relationships of the glucuronidation of flavonoids by human glucuronosyltransferases. Expert Opinion on Drug Metabolism and Toxicology, 2009, 5, 1399-1419.	3.3	33
56	Bioavailability enhancement of glucosamine hydrochloride by chitosan. International Journal of Pharmaceutics, 2013, 455, 365-373.	5.2	33
57	Pharmacokinetic and pharmacodynamic interaction of Danshenâ€“Gegen extract with warfarin and aspirin. Journal of Ethnopharmacology, 2012, 143, 648-655.	4.1	32
58	Herbâ€“drug interactions between Scutellariae Radix and mefenamic acid: Simultaneous investigation of pharmacokinetics, anti-inflammatory effect and gastric damage in rats. Journal of Ethnopharmacology, 2015, 170, 106-116.	4.1	32
59	Non-linear pharmacokinetics of piperine and its herb-drug interactions with docetaxel in Sprague-Dawley rats. Journal of Pharmaceutical and Biomedical Analysis, 2016, 128, 286-293.	2.8	32
60	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. ACS Central Science, 2018, 4, 1727-1741.	11.3	32
61	Effect of the co-occurring components from green tea on the intestinal absorption and disposition of green tea polyphenols in Caco-2 monolayer model. Journal of Pharmacy and Pharmacology, 2010, 58, 37-44.	2.4	31
62	Oral Absorption and Antitussive Activity of Tuberostemonine Alkaloids from the Roots ofStemona tuberosa. Planta Medica, 2009, 75, 575-580.	1.3	29
63	Transcriptional profiling of Chinese medicinal formula Si-Wu-Tang on breast cancer cells reveals phytoestrogenic activity. BMC Complementary and Alternative Medicine, 2013, 13, 11.	3.7	27
64	Efficient brain uptake of piperine and its pharmacokinetics characterization after oral administration. Xenobiotica, 2018, 48, 1249-1257.	1.1	27
65	Blood-Glucose-Lowering Effect of Coptidis Rhizoma Extracts From Different Origins via Gut Microbiota Modulation in db/db Mice. Frontiers in Pharmacology, 2021, 12, 684358.	3.5	27
66	A Catenary Model to Study Transport and Conjugation of Baicalein, a Bioactive Flavonoid, in the Caco-2 Cell Monolayer: Demonstration of Substrate Inhibition. Journal of Pharmacology and Experimental Therapeutics, 2008, 326, 117-126.	2.5	26
67	Intestinal transport of bis(12)â€hupyridone in Cacoâ€2 cells and its improved permeability by the surfactant Brijâ€35. Biopharmaceutics and Drug Disposition, 2011, 32, 140-150.	1.9	26
68	Enhanced anti-tumor efficacy and mechanisms associated with docetaxel-piperine combination-in vitroandin vivoinvestigation using a taxane-resistant prostate cancer model. Oncotarget, 2018, 9, 3338-3352.	1.8	26
69	Studies on the influence of esterase inhibitor to the pharmacokinetic profiles of oseltamivir and oseltamivir carboxylate in rats using an improved LC/MS/MS method. Biomedical Chromatography, 2009, 23, 852-857.	1.7	25
70	Investigation of the disposition of loxapine, amoxapine and their hydroxylated metabolites in different brain regions, CSF and plasma of rat by LCâ€“MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2012, 58, 83-93.	2.8	25
71	Brain Uptake of Bioactive Flavones in Scutellariae Radix and Its Relationship to Anxiolytic Effect in Mice. Molecular Pharmaceutics, 2017, 14, 2908-2916.	4.6	25
72	Intestinal first-pass glucuronidation activities of selected dihydroxyflavones. International Journal of Pharmaceutics, 2009, 366, 14-20.	5.2	24

#	Article	IF	Citations
73	Pharmacokinetic interactions among major bioactive components in Radix Scutellariae via metabolic competition. Biopharmaceutics and Drug Disposition, 2012, 33, 487-500.	1.9	23
74	Brain Disposition and Catalepsy After Intranasal Delivery of Loxapine: Role of Metabolism in PK/PD of Intranasal CNS Drugs. Pharmaceutical Research, 2013, 30, 2368-2384.	3.5	22
75	Synthesis, biological activity, and biopharmaceutical characterization of tacrine dimers as acetylcholinesterase inhibitors. International Journal of Pharmaceutics, 2014, 477, 442-453.	5.2	22
76	Impact of transporters and enzymes from bloodâ€“cerebrospinal fluid barrier and brain parenchyma on CNS drug uptake. Expert Opinion on Drug Metabolism and Toxicology, 2018, 14, 961-972.	3.3	22
77	Evaluation of the first-pass glucuronidation of selected flavones in gut by Caco-2 monolayer model. Journal of Pharmacy and Pharmaceutical Sciences, 2004, 8, 1-9.	2.1	22
78	Intestinal Absorption ofStemonaAlkaloids in a Caco-2 Cell Model. Planta Medica, 2006, 72, 211-216.	1.3	21
79	Pharmacokinetics and Disposition of Various Drug Loaded Liposomes. Current Drug Metabolism, 2012, 13, 372-395.	1.2	21
80	Interaction of Carbamazepine with Herbs, Dietary Supplements, and Food: A Systematic Review. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-15.	1.2	21
81	Hydrolysis Is the Dominating In Vivo Metabolism Pathway for Arctigenin: Identification of Novel Metabolites of Arctigenin by LC/MS/MS after Oral Administration in Rats. Planta Medica, 2013, 79, 471-479.	1.3	21
82	Induction of liver cytochrome P450s by Danshenâ€“Gegen formula is the leading cause for its pharmacokinetic interactions with warfarin. Journal of Ethnopharmacology, 2014, 154, 672-686.	4.1	21
83	Impact of the Chinese herbal medicines on dual antiplatelet therapy with clopidogrel and aspirin: Pharmacokinetics and pharmacodynamics outcomes and related mechanisms in rats. Journal of Ethnopharmacology, 2019, 235, 100-110.	4.1	21
84	A Pharmacogenetic Study of Pregnane X Receptor (NR1I2) in Han Chinese. Current Drug Metabolism, 2007, 8, 778-786.	1.2	20
85	Simultaneous determination of nikethamide and lidocaine in human blood and cerebrospinal fluid by high performance liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2007, 43, 1757-1762.	2.8	20
86	Preclinical characterization of intestinal absorption and metabolism of promising anti-Alzheimer's dimer bis(7)-tacrine. International Journal of Pharmaceutics, 2008, 357, 85-94.	5.2	20
87	HO-1-u-1 model for screening sublingual drug deliveryâ€”Influence of pH, osmolarity and permeation enhancer. International Journal of Pharmaceutics, 2009, 370, 68-74.	5.2	20
88	Long-Term Treatment with Danshen-Gegen Decoction Protects the Myocardium against Ischemia/Reperfusion Injury via the Redox-Sensitive Protein Kinase C-Îµ/mK_{ATP} Pathway in Rats. Rejuvenation Research, 2011, 14, 173-184.	1.8	20
89	Elucidation of Arctigenin Pharmacokinetics After Intravenous and Oral Administrations in Rats: Integration of In Vitro and In Vivo Findings via Semi-mechanistic Pharmacokinetic Modeling. AAPS Journal, 2014, 16, 1321-1333.	4.4	20
90	Acute treatment with Danshenâ€“Gegen decoction protects the myocardium against ischemia/reperfusion injury via the redox-sensitive PKCÉ›/mKATP pathway in rats. Phytomedicine, 2011, 18, 916-925.	5.3	19

#	Article	IF	Citations
91	Traditional Chinese medicinal formula Si-Wu-Tang prevents oxidative damage by activating Nrf2-mediated detoxifying/antioxidant genes. Cell and Bioscience, 2014, 4, 8.	4.8	19
92	Orally administered bismuth drug together with N-acetyl cysteine as a broad-spectrum anti-coronavirus cocktail therapy. Chemical Science, 2022, 13, 2238-2248.	7.4	19
93	A bio-activity guided in vitro pharmacokinetic method to improve the quality control of Chinese medicines, application to Si Wu Tang. International Journal of Pharmaceutics, 2011, 406, 99-105.	5.2	18
94	Pharmacokinetics and brain dispositions of tacrine and its major bioactive monohydroxylated metabolites in rats. Journal of Pharmaceutical and Biomedical Analysis, 2012, 61, 57-63.	2.8	18
95	A retrospective analysis of data from toxic substance-related cases in Northeast China (Heilongjiang) between 2000 and 2010. Forensic Science International, 2013, 231, 172-177.	2.2	18
96	Intranasal delivery of a novel acetylcholinesterase inhibitor HLS-3 for treatment of Alzheimer's disease. Life Sciences, 2018, 207, 428-435.	4.3	18
97	Evaluation of potential herb-drug interactions between oseltamivir and commonly used anti-influenza Chinese medicinal herbs. Journal of Ethnopharmacology, 2019, 243, 112097.	4.1	18
98	Role of piperine in CNS diseases: pharmacodynamics, pharmacokinetics and drug interactions. Expert Opinion on Drug Metabolism and Toxicology, 2019, 15, 849-867.	3.3	18
99	Discovery of Antibacterials That Inhibit Bacterial RNA Polymerase Interactions with Sigma Factors. Journal of Medicinal Chemistry, 2020, 63, 7695-7720.	6.4	18
100	Lack of effect of Î²-cyclodextrin and its water-soluble derivatives on in vitro drug transport across rat intestinal epithelium. International Journal of Pharmaceutics, 2006, 309, 123-128.	5.2	17
101	Danshenâ€“Gegen decoction protects against hypoxia/reoxygenation-induced apoptosis by inhibiting mitochondrial permeability transition via the redox-sensitive ERK/Nrf2 and PKCÉ›/mKATP pathways in H9c2 cardiomyocytes. Phytomedicine, 2012, 19, 99-110.	5.3	17
102	CAG RNAs induce DNA damage and apoptosis by silencing NUDT16 expression in polyglutamine degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
103	Improving sublingual delivery of weak base compounds using pHmax concept: Application to propranolol. European Journal of Pharmaceutical Sciences, 2010, 39, 272-278.	4.0	16
104	An approach for rapid development of nasal delivery of analgesicsâ€”Identification of relevant features, in vitro screening and in vivo verification. International Journal of Pharmaceutics, 2011, 420, 43-50.	5.2	16
105	Myocardial post-conditioning with Danshen-Gegen decoction protects against isoproterenol-induced myocardial injury via a PKCÎµ/mKATP-mediated pathway in rats. Chinese Medicine, 2011, 6, 7.	4.0	16
106	Clinical Pharmacokinetics of Buffered Propranolol Sublingual Tablet (Promptolâ„¢)â€”Application of a New â€œPhysiologically Basedâ€•Model to Assess Absorption and Disposition. AAPS Journal, 2013, 15, 787-796.	4.4	16
107	Tissue Accumulations of Toxic Aconitum Alkaloids after Short-Term and Long-Term Oral Administrations of Clinically Used Radix Aconiti Lateralis Preparations in Rats. Toxins, 2019, 11, 353.	3.4	16
108	Role of esterase mediated hydrolysis of simvastatin in human and rat blood and its impact on pharmacokinetic profiles of simvastatin and its active metabolite in rat. Journal of Pharmaceutical and Biomedical Analysis, 2019, 168, 13-22.	2.8	16

#	Article	IF	Citations
109	Intestinal absorbability of three Radix Puerariae isoflavones including daidzein, daidzin and puerarin. Chinese Medicine, 2011, 6, 41.	4.0	15
110	Telmisartan increases systemic exposure to rosuvastatin after single and multiple doses, and in vitro studies show telmisartan inhibits ABCG2-mediated transport of rosuvastatin. European Journal of Clinical Pharmacology, 2016, 72, 1471-1478.	1.9	15
111	Nusbiarylins, a new class of antimicrobial agents: Rational design of bacterial transcription inhibitors targeting the interaction between the NusB and NusE proteins. Bioorganic Chemistry, 2019, 92, 103203.	4.1	15
112	Design, synthesis and biological evaluation of antimicrobial diarylimine and â€“amine compounds targeting the interaction between the bacterial NusB and NusE proteins. European Journal of Medicinal Chemistry, 2019, 178, 214-231.	5.5	15
113	Enhanced anti-amnestic effect of donepezil by Ginkgo biloba extract (EGb 761) via further improvement in pro-cholinergic and antioxidative activities. Journal of Ethnopharmacology, 2021, 269, 113711.	4.1	15
114	Zolpidem Mucoadhesive Formulations for Intranasal Delivery: Characterization, InÂVitro Permeability, Pharmacokinetics, and Nasal Ciliotoxicity in Rats. Journal of Pharmaceutical Sciences, 2016, 105, 2840-2847.	3.3	14
115	Radix Puerariae lobatae (Gegen) suppresses the anticoagulation effect of warfarin: a pharmacokinetic and pharmacodynamics study. Chinese Medicine, 2016, 11, 7.	4.0	14
116	Demonstration of Direct Nose-to-Brain Transport of Unbound HIV-1 Replication Inhibitor DB213 Via Intranasal Administration by Pharmacokinetic Modeling. AAPS Journal, 2018, 20, 23.	4.4	14
117	Overview of Pharmacokinetics and Liver Toxicities of Radix Polygoni Multiflori. Toxins, 2020, 12, 729.	3.4	14
118	Evaluation of HO-1-u-1 cell line as an in vitro model for sublingual drug delivery involving passive diffusionâ€”Initial validation studies. International Journal of Pharmaceutics, 2007, 334, 27-34.	5.2	13
119	Herb-Drug Interactions: Systematic Review, Mechanisms, and Therapies. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-1.	1.2	13
120	Interspecies Comparison of Pharmacokinetics of the Novel Triazole Antifungal Agent SYN-2869 and Its Derivatives. Antimicrobial Agents and Chemotherapy, 2000, 44, 910-915.	3.2	12
121	Regioselective biotransformation of CNS drugs and its clinical impact on adverse drug reactions. Expert Opinion on Drug Metabolism and Toxicology, 2012, 8, 833-854.	3.3	12
122	Alterations in the CNS effects of anti-epileptic drugs by Chinese herbal medicines. Expert Opinion on Drug Metabolism and Toxicology, 2014, 10, 249-267.	3.3	12
123	Improved brain uptake of peptide-based CNS drugs via alternative routes of administrations of its nanocarrier delivery systems: a promising strategy for CNS targeting delivery of peptides. Expert Opinion on Drug Metabolism and Toxicology, 2014, 10, 1491-1508.	3.3	12
124	Pharmacokinetic interactions between metformin and berberine in rats: Role of oral administration sequences and microbiota. Life Sciences, 2019, 235, 116818.	4.3	12
125	Benzyl and benzoyl benzoic acid inhibitors of bacterial RNA polymerase-sigma factor interaction. European Journal of Medicinal Chemistry, 2020, 208, 112671.	5.5	11
126	Ethyl acetate fraction of Radix rubiae inhibits cell growth and promotes terminal differentiation in cultured human keratinocytes. Journal of Ethnopharmacology, 2012, 142, 241-247.	4.1	10

#	Article	IF	Citations
127	Pharmacokinetics and brain uptake of HIV-1 replication inhibitor DB213 in Sprague-Dawley rats. Journal of Pharmaceutical and Biomedical Analysis, 2016, 125, 41-47.	2.8	10
128	Time-dependent inhibition of carbamazepine metabolism by piperine in anti-epileptic treatment. Life Sciences, 2019, 218, 314-323.	4.3	10
129	Overview of Current Herbâ€“Drug Interaction Databases. Drug Metabolism and Disposition, 2022, 50, 86-94.	3.3	10
130	Bench to Bed Evidences for Pharmacokinetic and Pharmacodynamic Interactions Involving Oseltamivir and Chinese Medicine. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-11.	1.2	9
131	Influence of mefenamic acid on the intestinal absorption and metabolism of three bioactive flavones inRadix Scutellariaeand potential pharmacological impact. Pharmaceutical Biology, 2014, 52, 291-297.	2.9	9
132	Pharmacokinetic Comparison Between the Long-Term Anesthetized, Short-Term Anesthetized and Conscious Rat Models in Nasal Drug Delivery. Pharmaceutical Research, 2014, 31, 2107-2123.	3.5	9
133	Modulation of the pharmacokinetics, therapeutic and adverse effects of NSAIDs by Chinese herbal medicines. Expert Opinion on Drug Metabolism and Toxicology, 2014, 10, 1711-1739.	3.3	9
134	Gender-Dependent Pharmacokinetics of Veratramine in Rats: In Vivo and In Vitro Evidence. AAPS Journal, 2016, 18, 432-444.	4.4	9
135	A brain-targeting lipidated peptide for neutralizing RNA-mediated toxicity in Polyglutamine Diseases. Scientific Reports, 2017, 7, 12077.	3.3	9
136	Herbâ€“drug interactions between the medicinal mushrooms Lingzhi and Yunzhi and cytotoxic anticancer drugs: a systematic review. Chinese Medicine, 2020, 15, 75.	4.0	9
137	Selective and sensitive determination of bis(7)-tacrine, a high erythrocyte binding acetylcholinesterase inhibitor, in rat plasma by high-performance liquid chromatographyâ€“tandem mass spectrometry. Biomedical Chromatography, 2008, 22, 414-420.	1.7	8
138	Determination of Adenosine Phosphates in Rat Gastrocnemius at Various Postmortem Intervals Using High Performance Liquid Chromatography. Journal of Forensic Sciences, 2010, 55, 1362-1366.	1.6	8
139	Effects of combination treatment with metformin and berberine on hypoglycemic activity and gut microbiota modulation in db/db mice. Phytomedicine, 2022, 101, 154099.	5.3	8
140	Real-world data on herb-drug interactions in oncology: A scoping review of pharmacoepidemiological studies. Phytomedicine, 2022, 103, 154247.	5.3	8
141	Extensive intestinal first-pass metabolism of arctigenin: Evidenced by simultaneous monitoring of both parent drug and its major metabolites. Journal of Pharmaceutical and Biomedical Analysis, 2014, 91, 60-67.	2.8	7
142	Identification and characterization of in vitro and in vivo metabolites of steroidal alkaloid veratramine. Biopharmaceutics and Drug Disposition, 2015, 36, 308-324.	1.9	7
143	Brain-Targeting Delivery of Two Peptidylic Inhibitors for Their Combination Therapy in Transgenic Polyglutamine Disease Mice via Intranasal Administration. Molecular Pharmaceutics, 2018, 15, 5781-5792.	4.6	7
144	Reduced Systemic and Brain Exposure with Inhibited Liver Metabolism of Carbamazepine After Its Long-Term Combination Treatment with Piperine for Epilepsy Control in Rats. AAPS Journal, 2019, 21, 90.	4.4	7

#	Article	IF	Citations
145	Is it safe to take Radix Salvia Miltiorrhiza â€“ Radix Pueraria Lobate product with warfarin and aspirin? A pilot study in healthy human subjects. Journal of Ethnopharmacology, 2020, 262, 113151.	4.1	7
146	Bismuth Porphyrin Antagonizes Cisplatin-Induced Nephrotoxicity via Unexpected Metallothionein-Independent Mechanisms. IScience, 2020, 23, 101054.	4.1	7
147	Inhibition of Radix Scutellariae flavones on carboxylesterase mediated activations of prodrugs. Life Sciences, 2022, 305, 120743.	4.3	7
148	Nitrile assisted, BrÃ¸nsted acid catalyzed regio and stereoselective diarylphosphonylation of allyl silyl ethers. Organic and Biomolecular Chemistry, 2010, 8, 3480.	2.8	6
149	Effect of common polymorphisms of the farnesoid X receptor and bile acid transporters on the pharmacokinetics of ursodeoxycholic acid. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 34-40.	1.9	6
150	Puerarin offsets the anticoagulation effect of warfarin in rats by inducing rCyps, upregulating vitamin K epoxide reductase and inhibiting thrombomodulin. Biopharmaceutics and Drug Disposition, 2017, 38, 33-49.	1.9	6
151	Efficient brain uptake and distribution of an expanded CAG RNA inhibitor DB213 via intranasal administration. European Journal of Pharmaceutical Sciences, 2019, 127, 240-251.	4.0	6
152	Rapid bioluminescence assay for monitoring rat CES1 activity and its alteration by traditional Chinese medicines. Journal of Pharmaceutical Analysis, 2020, 10, 253-262.	5.3	6
153	Utilization of Gene Expression Signature for Quality Control of Traditional Chinese Medicine Formula Si-Wu-Tang. AAPS Journal, 2013, 15, 884-892.	4.4	5
154	The protective effect of piperine on ovariectomy induced bone loss in female mice and its enhancement effect of osteogenic differentiation via Wnt/Î²-catenin signaling pathway. Journal of Functional Foods, 2019, 58, 138-150.	3.4	5
155	Accumulation of the Major Components from Polygoni Multiflori Radix in Liver and Kidney after Its Long-Term Oral Administrations in Rats. Planta Medica, 2022, 88, 950-959.	1.3	5
156	Identification of the in vivo relevant dissolution media for the three active components in EGb 761 tablet for better correlation with their pharmacokinetics in healthy subjects. European Journal of Pharmaceutical Sciences, 2020, 154, 105515.	4.0	5
157	Species difference in the inhibitory potentials of non-steroidal anti-inflammatory drugs on the hepatic sulfation and glucuronidation of bioactive flavonoids: differential observations among common inhibition parameters. Xenobiotica, 2014, 44, 417-431.	1.1	4
158	Exclusion of unsuitable CNS drug candidates based on their physicochemical properties and unbound fractions in biomatrices for brain microdialysis investigations. Journal of Pharmaceutical and Biomedical Analysis, 2020, 178, 112946.	2.8	4
159	Development and validation of an HPLC-DAD method for bis(12)-hupyridone and its application to a pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2009, 49, 410-414.	2.8	3
160	Improvement of the Pharmacological Properties of Maize RIP by Cysteine-Specific PEGylation. Toxins, 2016, 8, 298.	3.4	3
161	An Agent-Based Approach to Dynamically Represent the Pharmacokinetic Properties of Baicalein. AAPS Journal, 2016, 18, 1475-1488.	4.4	3
162	Large inter-individual variability in pharmacokinetics of dexmedetomidine and its two major N-glucuronides in adult intensive care unit patients. Journal of Pharmaceutical and Biomedical Analysis, 2019, 175, 112777.	2.8	3

#	Article	IF	Citations
163	Reduced systemic exposure and brain uptake of donepezil in rats with scopolamine-induced cognitive impairment. Xenobiotica, 2020, 50, 389-400.	1.1	3
164	Examining patterns of traditional Chinese medicine use in pediatric oncology: A systematic review, meta-analysis and data-mining study. Journal of Integrative Medicine, 2022, 20, 402-415.	3.1	3
165	Any effect of CYP2C9 variants on warfarin clearance in Chinese patients?. Thrombosis and Haemostasis, 2007, 97, 866-868.	3.4	2
166	Identification and disposition of novel monoâ€hydroxyl mefenamic acid and their potentially toxic 1â€Oâ€acylâ€glucuronides in vivo. Biopharmaceutics and Drug Disposition, 2015, 36, 529-551.	1.9	2
167	Impaired liver cytochrome P450 2C11 activity after dual antiplatelet therapy with aspirin and clopidogrel in rats. Xenobiotica, 2018, 48, 911-919.	1.1	2
168	In silico drug absorption tract: An agent-based biomimetic model for human oral drug absorption. PLoS ONE, 2018, 13, e0203361.	2.5	2
169	Intestinal absorption and hepatic elimination of drugs in highâ€fat highâ€cholesterol dietâ€induced nonâ€alcoholic steatohepatitis rats: exemplified by simvastatin. British Journal of Pharmacology, 2021, 178, 582-599.	5.4	2
170	Screening of Bioequivalent Extended-Release Formulations for Metformin by Principal Component Analysis and Convolution-Based IVIVC Approach. AAPS Journal, 2021, 23, 38.	4.4	2
171	Disease Statusâ€“Dependent Drugâ€“Herb Interactions: NASH Lowered the Risk of Hepatotoxicity in Rats Coadministered With Simvastatin and Gardenia jasminoides J. Ellis. Frontiers in Pharmacology, 2021, 12, 622040.	3.5	2
172	Comment on Uridine Diphosphate Glucuronosyltransferase Isoform-Dependent Regiospecificity of Glucuronidation of Flavonoids: Applicability of UV Spectrum Shifts in Identification of Glucuronidation Position in Flavones and Flavonols. Journal of Agricultural and Food Chemistry, 2012, 60, 4416-4419.	5.2	1
173	Protein Binding and Population Pharmacokinetics of Dexmedetomidine after Prolonged Infusions in Adult Critically Ill Patients. Clinical Therapeutics, 2021, 43, 1356-1369.e1.	2.5	1
174	2,3,5,4â€²-tetrahydroxystilbene-2-O-Î²-D-glucopyranoside enhances the hepatotoxicity of emodin in vitro and in vivo. Toxicology Letters, 2022, , .	0.8	1
175	Intestinal Absorption and Disposition of Green Tea Catechins. , 2013, , 399-412.		0
176	Novel algorithm for simultaneous component detection and pseudo-molecular ion characterization in liquid chromatographyâ€“mass spectrometry. Analytica Chimica Acta, 2015, 853, 402-414.	5.4	0
177	Population pharmacokinetics and IVIVC for mesalazine enteric-coated tablets. Journal of Controlled Release, 2022, 346, 275-288.	9.9	0