

Xijing Chen

List of Publications by Year in descending order

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89
papers

1,174
citations

361413
20
h-index

526287
27
g-index

91
all docs

91
docs citations

91
times ranked

1779
citing authors

#	ARTICLE	IF	CITATIONS
1	TNF- α -dependent neuronal necroptosis regulated in Alzheimer's disease by coordination of RIPK1-p62 complex with autophagic UVRAG. <i>Theranostics</i> , 2021, 11, 9452-9469.	10.0	56
2	Inhalable dry powder prepared from folic acid-conjugated docetaxel liposomes alters pharmacodynamic and pharmacokinetic properties relevant to lung cancer chemotherapy. <i>Pulmonary Pharmacology and Therapeutics</i> , 2019, 55, 50-61.	2.6	47
3	Pharmacokinetics, Tissue Distribution, Excretion and Plasma Protein Binding Studies of Wogonin in Rats. <i>Molecules</i> , 2014, 19, 5538-5549.	3.8	42
4	Pharmacokinetics and pharmacodynamics evaluation of a thermosensitive chitosan based hydrogel containing liposomal doxorubicin. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 92, 137-145.	4.0	38
5	Evaluation of a Potential Clinical Significant Drug-Drug Interaction between Digoxin and Bupropion in Cynomolgus Monkeys. <i>Pharmaceutical Research</i> , 2019, 36, 1.	3.5	37
6	Effects of SLCO1B1 polymorphisms on the pharmacokinetics and pharmacodynamics of repaglinide in healthy Chinese volunteers. <i>European Journal of Clinical Pharmacology</i> , 2011, 67, 701-707.	1.9	31
7	Fructus Gardeniae-induced gastrointestinal injury was associated with the inflammatory response mediated by the disturbance of vitamin B6, phenylalanine, arachidonic acid, taurine and hypotaurine metabolism. <i>Journal of Ethnopharmacology</i> , 2019, 235, 47-55.	4.1	30
8	Contributions of Intestine and Plasma to the Presystemic Bioconversion of Vicagrel, an Acetate of Clopidogrel. <i>Pharmaceutical Research</i> , 2014, 31, 238-251.	3.5	29
9	Stereoselective pharmacokinetic and metabolism studies of 20(S)- and 20(R)-ginsenoside Rg3 epimers in rat plasma by liquid chromatography-electrospray ionization mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 121, 215-224.	2.8	28
10	Pharmacokinetic effects of curcumin on docetaxel mediated by OATP1B1, OATP1B3 and CYP450s. <i>Drug Metabolism and Pharmacokinetics</i> , 2016, 31, 269-275.	2.2	28
11	Tropane alkaloids as substrates and inhibitors of human organic cation transporters of the SLC22 (OCT) and the SLC47 (MATE) families. <i>Biological Chemistry</i> , 2017, 398, 237-249.	2.5	28
12	Biotin-Conjugated Multilayer Poly [D,L-lactide-co-glycolide]-Lecithin-Polyethylene Glycol Nanoparticles for Targeted Delivery of Doxorubicin. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2949-2958.	3.3	27
13	Efficacy, Pharmacokinetics, and Biodistribution of Thermosensitive Chitosan/ β -Glycerophosphate Hydrogel Loaded with Docetaxel. <i>AAPS PharmSciTech</i> , 2014, 15, 417-424.	3.3	26
14	Palmitoyl ascorbate and doxorubicin co-encapsulated liposome for synergistic anticancer therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 105, 219-229.	4.0	24
15	Co-delivery of docetaxel and palmitoyl ascorbate by liposome for enhanced synergistic antitumor efficacy. <i>Scientific Reports</i> , 2016, 6, 38787.	3.3	23
16	Modeling Combined Immunosuppressive and Anti-inflammatory Effects of Dexamethasone and Naproxen in Rats Predicts the Steroid-Sparing Potential of Naproxen. <i>Drug Metabolism and Disposition</i> , 2017, 45, 834-845.	3.3	23
17	Exploring the tetrahydroisoquinoline thiohydantoin scaffold blockade the androgen receptor as potent anti-prostate cancer agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1325-1344.	5.5	23
18	pH Dependent but not P-gp Dependent Bidirectional Transport Study of S-propranolol: The Importance of Passive Diffusion. <i>Pharmaceutical Research</i> , 2015, 32, 2516-26.	3.5	21

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19	Comparative study on pharmacokinetics of a series of anticholinergics, atropine, anisodamine, anisodine, scopolamine and tiotropium in rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2015, 40, 245-253.	1.6	21
20	Formulation and Characterization of Spray-Dried Powders Containing Vincristine-Liposomes for Pulmonary Delivery and Its Pharmacokinetic Evaluation From In Vitro and In Vivo. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3348-3358.	3.3	20
21	Stability, Vibrations, and Diffusion of Hydrogen Gas in Clathrate Hydrates: Insights from Ab Initio Calculations on Condensed-Phase Crystalline Structures. <i>Journal of Physical Chemistry C</i> , 2019, 123, 12052-12061.	3.1	20
22	Systemic Evaluation on the Pharmacokinetics of Platinum-Based Anticancer Drugs From Animal to Cell Level: Based on Total Platinum and Intact Drugs. <i>Frontiers in Pharmacology</i> , 2019, 10, 1485.	3.5	19
23	Effect of Pterostilbene, a Natural Derivative of Resveratrol, in the Treatment of Colorectal Cancer through Top1/Tdp1-Mediated DNA Repair Pathway. <i>Cancers</i> , 2021, 13, 4002.	3.7	19
24	Pharmacokinetics, Tissue Distribution, and Plasma Protein Binding Study of Platinum Originating from Dicycloplatin, a Novel Antitumor Supramolecule, in Rats and Dogs by ICP-MS. <i>Biological Trace Element Research</i> , 2012, 148, 203-208.	3.5	18
25	Determination of oroxylin A and oroxylin A 7-O-d-glucuronide in HepG2 cell lysate and subcellular fractions with SPE-UPLC-MS/MS: Cellular pharmacokinetic study to indicate anti-cancer mechanisms. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 154, 364-372.	2.8	18
26	Quantitative determination of trans-polydatin, a natural strong anti-oxidative compound, in rat plasma and cellular environment of a human colon adenocarcinoma cell line for pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 855, 145-151.	2.3	17
27	Inhibitory effects of wogonin on catalytic activity of cytochrome P450 enzyme in human liver microsomes. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2011, 36, 249-256.	1.6	16
28	Coloaded Nanoparticles of Paclitaxel and Piperlongumine for Enhancing Synergistic Antitumor Activities and Reducing Toxicity. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 3066-3075.	3.3	16
29	Determination and pharmacokinetics of manidipine in human plasma by HPLC/ESIMS. <i>Biomedical Chromatography</i> , 2007, 21, 836-840.	1.7	15
30	The preparation and application of pulmonary surfactant nanoparticles as absorption enhancers in insulin dry powder delivery. <i>Drug Development and Industrial Pharmacy</i> , 2009, 35, 1059-1065.	2.0	15
31	Pharmacokinetics, tissue distribution and excretion study of Oroxylin A, Oroxylin A 7-O-glucuronide and Oroxylin A sodium sulfonate in rats after administration of Oroxylin A. <i>Farmacoterapia</i> , 2020, 142, 104480.	2.2	14
32	Oroxylin A, a methylated metabolite of baicalein, exhibits a stronger inhibitory effect than baicalein on the CYP1B1-mediated carcinogenic estradiol metabolite formation. <i>Phytotherapy Research</i> , 2019, 33, 1033-1043.	5.8	13
33	Influences of ABC transporter and CYP3A4/5 genetic polymorphisms on the pharmacokinetics of lenvatinib in Chinese healthy subjects. <i>European Journal of Clinical Pharmacology</i> , 2020, 76, 1125-1133.	1.9	13
34	Enhanced pulmonary absorption of recombinant human insulin by pulmonary surfactant and phospholipid hexadecanol tyloxapol through Calu-3 monolayers. <i>Die Pharmazie</i> , 2012, 67, 448-51.	0.5	12
35	Investigation on pharmacokinetics, tissue distribution and excretion of a novel platinum anticancer agent in rats by Inductively Coupled Plasma Mass Spectrometry (ICP-MS). <i>Xenobiotica</i> , 2014, 44, 757-762.	1.1	11
36	Optimal dosing regimen of biapenem in Chinese patients with lower respiratory tract infections based on population pharmacokinetic/pharmacodynamic modelling and Monte Carlo simulation. <i>International Journal of Antimicrobial Agents</i> , 2016, 47, 202-209.	2.5	11

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37	Epigallocatechin-3-gallate decreases the transport and metabolism of simvastatin in rats. <i>Xenobiotica</i> , 2017, 47, 86-92.	1.1	11
38	The effect of fenofibric acid on the pharmacokinetics and pharmacodynamics of warfarin in rats. <i>Xenobiotica</i> , 2018, 48, 400-406.	1.1	11
39	ABCC2 c.-24 C>T single-nucleotide polymorphism was associated with the pharmacokinetic variability of deferasirox in Chinese subjects. <i>European Journal of Clinical Pharmacology</i> , 2020, 76, 51-59.	1.9	11
40	Permeability and transport mechanism of trihexyphenidyl hydrochloride in Caco-2 cell monolayer model with a validated UPLC-MS/MS method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112924.	2.8	11
41	Clinically significant drug-drug interaction between tacrolimus and fluconazole in stable renal transplant recipient and literature review. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2020, 45, 264-269.	1.5	11
42	Effect of Pulmonary Surfactant and Phospholipid Hexadecanol Tyloxapol on Recombinant Human-Insulin Absorption from Intratracheally Administered Dry Powders in Diabetic Rats. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 1612-1616.	1.3	10
43	Identification of circulatory and excretory metabolites of a novel nitric oxide donor ZJM-289 in rat plasma, bile, urine and faeces by liquid chromatography-tandem mass spectrometry. <i>Xenobiotica</i> , 2011, 41, 805-817.	1.1	10
44	Comparative pharmacokinetic studies of racemic oxiracetam and its pure enantiomers after oral administration in rats by a stereoselective HPLC method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 111, 153-158.	2.8	10
45	Development of a Physiologically Based Pharmacokinetic Model for Sinogliatin, a First-in-Class Glucokinase Activator, by Integrating Allometric Scaling, In Vitro to In Vivo Exploration and Steady-State Concentration-Mean Residence Time Methods: Mechanistic Understanding of its Pharmacokinetics. <i>Clinical Pharmacokinetics</i> , 2018, 57, 1307-1323.	3.5	10
46	Interactions between Oroxylin A with the solute carrier transporters and ATP-binding cassette transporters: Drug transporters profile for this flavonoid. <i>Chemico-Biological Interactions</i> , 2020, 324, 109097.	4.0	10
47	Effects of Dietary Factors on the Pharmacokinetics of ⁵⁸ Fe-labeled Hemin After Oral Administration in Normal Rats and the Iron-deficient Rats. <i>Biological Trace Element Research</i> , 2013, 153, 243-250.	3.5	9
48	Pharmacokinetics study of hemin in rats by applying ⁵⁸ Fe-extrinsically labeling techniques in combination with ICP-MS method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 88, 331-336.	2.8	9
49	Investigation of the role of organic cation transporter 2 (OCT2) in the renal transport of guanfacine, a selective α_2 -adrenoreceptor agonist. <i>Xenobiotica</i> , 2015, 45, 88-94.	1.1	9
50	Pharmacodynamic and pharmacokinetic characteristics of YMR-65, a tubulin inhibitor, in tumor-bearing mice. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 121, 74-84.	4.0	9
51	Determination of oroxylin A, oroxylin A β -glucuronide, and oroxylin A sodium sulfonate in beagle dogs by using UHPLC MS/MS Application in a pharmacokinetic study. <i>Journal of Separation Science</i> , 2020, 43, 2290-2300.	2.5	9
52	A systematic metabolic pathway identification of Common Gardenia Fruit (<i>Gardeniae Fructus</i>) in mouse bile, plasma, urine and feces by HPLC-Q-TOF-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1145, 122100.	2.3	9
53	Hydrophilic interaction liquid chromatography-tandem mass spectrometry method for the determination of intact oxaliplatin in cells: validated and applied in colon cancer HCT-116 cell line. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 155, 7-14.	2.8	8
54	Evaluation of inhaled recombinant human insulin dry powders: pharmacokinetics, pharmacodynamics and 14-day inhalation. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 176-184.	2.4	8

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55	Elucidation of the Structures of Metabolites of Picoside II in Rat Bile by LC-ESI-MS. <i>Chromatographia</i> , 2011, 73, 1111-1120.	1.3	7
56	Determination of GL-V9, a derivative of wogonin, in rat plasma by UPLC-MS/MS and its application to a pharmacokinetic study after oral and pulmonary administration. <i>Biomedical Chromatography</i> , 2019, 33, e4556.	1.7	7
57	Identification of Triterpene Acids in <i>Poria cocos</i> Extract as Bile Acid Uptake Transporter Inhibitors. <i>Drug Metabolism and Disposition</i> , 2021, 49, 353-360.	3.3	7
58	Pharmacokinetics of thiamphenicol glycinate and its active metabolite by single and multiple intravenous infusions in healthy Chinese volunteers. <i>Xenobiotica</i> , 2014, 44, 819-826.	1.1	6
59	Development of an HPLC-MS/MS method to determine janagliflozin in human plasma and urine: application in clinical study. <i>Bioanalysis</i> , 2018, 10, 1439-1454.	1.5	6
60	Mechanistic study of absorption and first-pass metabolism of GL-V9, a derivative of wogonin. <i>Biopharmaceutics and Drug Disposition</i> , 2019, 40, 151-161.	1.9	6
61	Simultaneous determination of deuterated vortioxetine and its major metabolite in human plasma by UPLC-MS/MS and application to a pharmacokinetic study in healthy volunteers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1138, 121955.	2.3	6
62	A rapid HPLC-MS/MS method for determining busulfan in hemolytic samples from children with hematopoietic stem cell transplantation. <i>Biomedical Chromatography</i> , 2020, 34, e4898.	1.7	6
63	Development of a Physiologically Based Pharmacokinetic Model for Hydroxychloroquine and Its Application in Dose Optimization in Specific COVID-19 Patients. <i>Frontiers in Pharmacology</i> , 2020, 11, 585021.	3.5	6
64	Subacute oral toxicology and toxicokinetics of pterostilbene, a novel Top1/Tdp1 inhibiting anti-tumor reagent. <i>Drug and Chemical Toxicology</i> , 2023, 46, 392-399.	2.3	6
65	Pharmacokinetics of the prodrug thiamphenicol glycinate and its active parent compound thiamphenicol in beagle dogs following intravenous administration. <i>Xenobiotica</i> , 2011, 41, 226-231.	1.1	5
66	Enantioselective HPLC determination of oxiracetam enantiomers and application to a pharmacokinetic study in beagle dogs. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 993-994, 9-13.	2.3	5
67	Pharmacokinetic evaluation of β -caryophyllene alcohol in rats and beagle dogs. <i>Xenobiotica</i> , 2018, 48, 845-850.	1.1	5
68	An Investigation on Glucuronidation Metabolite Identification, Isozyme Contribution, and Species Differences of GL-V9 In Vitro and In Vivo. <i>Molecules</i> , 2019, 24, 1576.	3.8	5
69	A validated UPLC-MS/MS method for determination of tebipenem in human plasma and its application to a pharmacokinetic study in healthy volunteers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 170, 30-39.	2.8	5
70	Effects of the ABCB1 and ABCG2 polymorphisms on the pharmacokinetics of afatinib in healthy Chinese volunteers. <i>Xenobiotica</i> , 2020, 50, 237-243.	1.1	5
71	Trace quantification of triacontanol in beagle plasma by GC-MS/MS and its application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2015, 29, 749-755.	1.7	4
72	Quantification of triacontanol and its PEGylated prodrug in rat plasma by GC-MS/MS: Application to a pre-clinical pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1089, 8-15.	2.3	4

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73	A novel and fully validated hydrophilic interaction liquid chromatography with tandem mass spectrometry method for the determination of intact carboplatin in human plasma. <i>Separation Science Plus</i> , 2018, 1, 270-279.	0.6	4
74	Pulmonary administration of resveratrol/hydroxypropyl- β -cyclodextrin inclusion complex: in vivo disposition and in vitro metabolic study. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101995.	3.0	4
75	Improved Pharmacokinetic Characteristics of Ursolic Acid in Rats Following Intratracheal Instillation and Nose-Only Inhalation Exposure. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 905-913.	3.3	4
76	Metabolites identification and species comparison of Oroxylin A, an anti-cancer flavonoid, <i>in vitro</i> and <i>in vivo</i> by HPLC-Q-TOF-MS/MS. <i>Xenobiotica</i> , 2022, 52, 165-176.	1.1	4
77	Evaluation of insulin lispro and biosynthetic human insulin in pulmonary absorption: in vivo and in vitro studies. <i>Die Pharmazie</i> , 2012, 67, 706-11.	0.5	4
78	Development and validation of a simple, sensitive and accurate LC-MS/MS method for the determination of guanfacine, a selective α_2A -adrenoreceptor agonist, in plasma and its application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2013, 27, 1708-1713.	1.7	3
79	Biliary Excretion of Glycyrrhetic Acid: Glucuronide Conjugate Determination Following a Pharmacokinetic Study of Rat Bile. <i>Phytotherapy Research</i> , 2014, 28, 1887-1889.	5.8	3
80	Investigation on pharmacokinetics, tissue distribution and excretion of 1-triacontanol in rats by gas chromatography-tandem mass spectrometry (GC-MS/MS). <i>Xenobiotica</i> , 2015, 45, 71-78.	1.1	3
81	Evaluation of a Clinically Relevant Drug-Drug Interaction Between Rosuvastatin and Clopidogrel and the Risk of Hepatotoxicity. <i>Frontiers in Pharmacology</i> , 2021, 12, 715577.	3.5	3
82	Determination of 5-aminoimidazole-4-carboxamide in human plasma by ion-pair extraction and LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 855, 140-144.	2.3	2
83	An LC-MS/MS Validated Method for Quantification of Chlorzoxazone in Human Plasma and Its Application to a Bioequivalence Study. <i>Journal of Chromatographic Science</i> , 2019, 57, 751-757.	1.4	2
84	Pulmonary delivery alters the disposition of raloxifene in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 185-196.	2.4	2
85	Characterizing the Physicochemical Properties of Two Weakly Basic Drugs and the Precipitates Obtained from Biorelevant Media. <i>Pharmaceutics</i> , 2022, 14, 330.	4.5	2
86	Effects of ginkgo leaf tablet on the pharmacokinetics of rosiglitazone in rats and its potential mechanism. <i>Pharmaceutical Biology</i> , 2022, 60, 1190-1197.	2.9	2
87	Pharmacokinetics in Sprague-Dawley rats and Beagle dogs and <i>in vitro</i> metabolism of ZJM-289, a novel nitric dioxide donor. <i>Xenobiotica</i> , 2014, 44, 59-69.	1.1	1
88	Tissue distribution and ontogeny of multidrug resistance protein 2, a phosphatidylcholine translocator, in rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2016, 41, 87-91.	1.6	1
89	Pharmacokinetics and pharmacodynamics analysis of XQ-1H and its combination therapy with clopidogrel on cerebral ischemic reperfusion injury in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 112975.	2.8	0