

Xiao Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

635
citations

840776

11
h-index

610901

24
g-index

33
all docs

33
docs citations

33
times ranked

938
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments and applications of the CHARMM force fields. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2012, 2, 167-185.	14.6	173
2	A Review of Food-Drug Interactions on Oral Drug Absorption. <i>Drugs</i> , 2017, 77, 1833-1855.	10.9	116
3	Polarizable empirical force field for sulfur-containing compounds based on the classical Drude oscillator model. <i>Journal of Computational Chemistry</i> , 2010, 31, 2330-2341.	3.3	45
4	Pharmacokinetic considerations on the repurposing of ivermectin for treatment of COVID-19. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 1589-1590.	2.4	37
5	A drug-delivering-drug strategy for combined treatment of metastatic breast cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2678-2688.	3.3	24
6	Influences of renal function descriptors on population pharmacokinetic modeling of vancomycin in Chinese adult patients. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 286-293.	6.1	23
7	Disease progression model of 4T1 metastatic breast cancer. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2020, 47, 105-116.	1.8	23
8	Model-free and kinetic modelling approaches for characterising non-equilibrium pharmacological pathway activity: Internalisation of cannabinoid CB ₁ receptors. <i>British Journal of Pharmacology</i> , 2019, 176, 2593-2607.	5.4	20
9	Intrinsic Energy Landscapes of Amino Acid Side-Chains. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 1559-1572.	5.4	19
10	An evaluation of the operational model when applied to quantify functional selectivity. <i>British Journal of Pharmacology</i> , 2018, 175, 1654-1668.	5.4	18
11	Population Pharmacokinetics of Levetiracetam: A Systematic Review. <i>Clinical Pharmacokinetics</i> , 2021, 60, 305-318.	3.5	18
12	Evaluation of the profiles of CB ₁ cannabinoid receptor signalling bias using joint kinetic modelling. <i>British Journal of Pharmacology</i> , 2020, 177, 3449-3463.	5.4	12
13	Model-based analysis on systemic availability of co-administered cannabinoids after controlled vaporised administration. <i>Internal Medicine Journal</i> , 2020, 50, 846-853.	0.8	11
14	COMPARISON OF INFRARED-ASSISTED EXTRACTION AND OTHER TECHNIQUES FOR ANALYSIS OF INDIGO AND INDIRUBIN IN LEAVES OF ISATIS INDIGOTICA FORT. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 362-374.	1.0	9
15	Pharmacokinetic-pharmacodynamic modeling of the antitumor effect of TM208 and EGFR-TKI resistance in human breast cancer xenograft mice. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 825-833.	6.1	9
16	Population pharmacokinetic analysis of tacrolimus in Chinese myasthenia gravis patients. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 1195-1204.	6.1	9
17	Population pharmacokinetics of ivermectin for the treatment of scabies in Indigenous Australian children. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008886.	3.0	9
18	How to handle the delayed or missed dose of rivaroxaban in patients with non-valvular atrial fibrillation: model-informed remedial dosing. <i>Expert Review of Clinical Pharmacology</i> , 2021, 14, 1153-1163.	3.1	7

#	ARTICLE	IF	CITATIONS
19	Application of physiologically based pharmacokinetic modelling for the prediction of drug-drug interactions involving anlotinib as a perpetrator of cytochrome P450 enzymes. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2022, , .	2.5	7
20	Examination of the Impact of CYP3A4/5 on Drug-Drug Interaction between Schizandrol A/Schizandrol B and Tacrolimus (FK-506): A Physiologically Based Pharmacokinetic Modeling Approach. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4485.	4.1	7
21	Model-Informed Drug Development, Pharmacokinetic/Pharmacodynamic Cutoff Value Determination, and Antibacterial Efficacy of Benapenem against <i>Enterobacteriaceae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	6
22	Impact of Hospital Characteristics and Governance Structure on the Adoption of Tracking Technologies for Clinical and Supply Chain Use: Longitudinal Study of US Hospitals. <i>Journal of Medical Internet Research</i> , 2022, 24, e33742.	4.3	6
23	Timing of Live Attenuated Vaccination in Infants Exposed to Infliximab or Adalimumab <i>in Utero</i> : A Prospective Cohort Study in 107 Children. <i>Journal of Crohn's and Colitis</i> , 2022, 16, 1835-1844.	1.3	6
24	Understanding the association between metformin plasma concentrations and lactate. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 700-701.	2.4	5
25	Identifying a therapeutic target for vancomycin against staphylococci in young infants. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 704-710.	3.0	4
26	An Agent-Based Approach to Dynamically Represent the Pharmacokinetic Properties of Baicalein. <i>AAPS Journal</i> , 2016, 18, 1475-1488.	4.4	3
27	An intact model for quantifying functional selectivity. <i>Scientific Reports</i> , 2019, 9, 2557.	3.3	3
28	In silico drug absorption tract: An agent-based biomimetic model for human oral drug absorption. <i>PLoS ONE</i> , 2018, 13, e0203361.	2.5	2
29	Simultaneous Quantification of Propylthiouracil and Its N- ¹² -d Glucuronide by HPLC-MS/MS: Application to a Metabolic Study. <i>Pharmaceuticals</i> , 2021, 14, 1194.	3.8	2
30	How important are MIC determination methods when targeting vancomycin levels in patients with <i>Staphylococcus aureus</i> infections?. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1641-1643.	3.0	1
31	Exploring group size for statistical analysis of real-time signalling experiments. <i>British Journal of Pharmacology</i> , 2021, 178, 3997-4004.	5.4	1