

Xiao Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

635
citations

949033

11
h-index

685536

24
g-index

33
all docs

33
docs citations

33
times ranked

1051
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying a therapeutic target for vancomycin against staphylococci in young infants. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 704-710.	1.3	4
2	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, , .	1.2	7
3	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.	2.1	6
4	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.	1.8	7
5	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.	0.6	6
6	Understanding the association between metformin plasma concentrations and lactate. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 700-701.	1.1	5
7	Pharmacokinetic considerations on the repurposing of ivermectin for treatment of COVID-19. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 1589-1590.	1.1	37
8	Population Pharmacokinetics of Levetiracetam: A Systematic Review. <i>Clinical Pharmacokinetics</i> , 2021, 60, 305-318.	1.6	18
9	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.	1.3	1
10	Exploring group size for statistical analysis of real-time signalling experiments. <i>British Journal of Pharmacology</i> , 2021, 178, 3997-4004.	2.7	1
11	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.	1.3	7
12	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.	1.7	2
13	Model-based analysis on systemic availability of co-administered cannabinoids after controlled vaporised administration. <i>Internal Medicine Journal</i> , 2020, 50, 846-853.	0.5	11
14	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, .	1.4	6
15	Disease progression model of 4T1 metastatic breast cancer. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2020, 47, 105-116.	0.8	23
16	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.	2.7	12
17	Population pharmacokinetics of ivermectin for the treatment of scabies in Indigenous Australian children. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008886.	1.3	9
18	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.	2.7	20

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19	An intact model for quantifying functional selectivity. <i>Scientific Reports</i> , 2019, 9, 2557.	1.6	3
20	An evaluation of the operational model when applied to quantify functional selectivity. <i>British Journal of Pharmacology</i> , 2018, 175, 1654-1668.	2.7	18
21	Influences of renal function descriptors on population pharmacokinetic modeling of vancomycin in Chinese adult patients. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 286-293.	2.8	23
22	In silico drug absorption tract: An agent-based biomimetic model for human oral drug absorption. <i>PLoS ONE</i> , 2018, 13, e0203361.	1.1	2
23	A drug-delivering-drug strategy for combined treatment of metastatic breast cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2678-2688.	1.7	24
24	Population pharmacokinetic analysis of tacrolimus in Chinese myasthenia gravis patients. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 1195-1204.	2.8	9
25	A Review of Food-Drug Interactions on Oral Drug Absorption. <i>Drugs</i> , 2017, 77, 1833-1855.	4.9	116
26	An Agent-Based Approach to Dynamically Represent the Pharmacokinetic Properties of Baicalein. <i>AAPS Journal</i> , 2016, 18, 1475-1488.	2.2	3
27	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.	2.8	9
28	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.	0.5	9
29	Intrinsic Energy Landscapes of Amino Acid Side-Chains. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 1559-1572.	2.5	19
30	Recent developments and applications of the CHARMM force fields. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2012, 2, 167-185.	6.2	173
31	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.	1.5	45