

Jun Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7668312/publications.pdf>

Version: 2024-02-01

11
papers

126
citations

1684188

5
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophil dynamics during concurrent chemotherapy and G-CSF administration: Mathematical modelling guides dose optimisation to minimise neutropenia. <i>Journal of Theoretical Biology</i> , 2015, 385, 77-89.	1.7	37
2	Transit and lifespan in neutrophil production: implications for drug intervention. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2018, 45, 59-77.	1.8	29
3	A Pharmacokinetic Formalism Explicitly Integrating the Patient Drug Compliance. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2007, 34, 115-139.	1.8	25
4	Closed form solutions and dominant elimination pathways of simultaneous first-order and Michaelis-Menten kinetics. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2015, 42, 151-161.	1.8	12
5	Analytical Solution and Exposure Analysis of a Pharmacokinetic Model with Simultaneous Elimination Pathways and Endogenous Production: The Case of Multiple Dosing Administration. <i>Bulletin of Mathematical Biology</i> , 2019, 81, 3436-3459.	1.9	7
6	Steady-state volume of distribution of two-compartment models with simultaneous linear and saturated elimination. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2016, 43, 447-459.	1.8	5
7	Mathematical analysis and drug exposure evaluation of pharmacokinetic models with endogenous production and simultaneous first-order and Michaelis-Menten elimination: the case of single dose. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2018, 45, 693-705.	1.8	5
8	Morphism classification of a family of transcendent functions arising from pharmacokinetic modelling. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 140-152.	2.3	3
9	Constant infusion case of one compartment pharmacokinetic model with simultaneous first-order and Michaelis-Menten elimination: analytical solution and drug exposure formula. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2021, 48, 495-508.	1.8	2
10	Trapezoid bioequivalence: A rational bioavailability evaluation approach on account of the pharmaceutical-driven balance of population average and variability. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2022, , .	2.5	1
11	Exploring an alternative explanation for the second phase of viral decay: Infection of short-lived cells in a drug-limited compartment during HAART. <i>PLoS ONE</i> , 2018, 13, e0198090.	2.5	0