Teresa A Collins

List of Publications by Year
in descending order

10 papers	90 citations	1478505 6 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	173 citing authors

#	Article	IF	Citations
1	A novel cardiovascular systems model to quantify drugs effects on the interâ€relationship between contractility and other hemodynamic variables. CPT: Pharmacometrics and Systems Pharmacology, 2022, 11, 640-652.	2.5	5
2	Systems Modeling to Quantify Safety Risks in Early Drug Development: Using Bifurcation Analysis and Agent-Based Modeling as Examples. AAPS Journal, 2021, 23, 77.	4.4	2
3	Importance of Stability Analysis When Using Nonlinear Semimechanistic Models to Describe Drugâ€Induced Hematotoxicity. CPT: Pharmacometrics and Systems Pharmacology, 2020, 9, 498-508.	2.5	1
4	Semiâ€mechanistic modelling platform to assess cardiac contractility and haemodynamics in preclinical cardiovascular safety profiling of new molecular entities. British Journal of Pharmacology, 2020, 177, 3568-3590.	5.4	6
5	Discovery and pharmacological characterization of AZD3229, a potent KIT/PDGFRÎ± inhibitor for treatment of gastrointestinal stromal tumors. Science Translational Medicine, 2020, 12, .	12.4	16
6	Current and future approaches to nonclinical cardiovascular safety assessment. Drug Discovery Today, 2020, 25, 1129-1134.	6.4	5
7	Quantifying Drugâ€Induced Bone Marrow Toxicity Using a Novel Haematopoiesis Systems Pharmacology Model. CPT: Pharmacometrics and Systems Pharmacology, 2019, 8, 858-868.	2.5	18
8	Understanding Hematological Toxicities Using Mathematical Modeling. Clinical Pharmacology and Therapeutics, 2018, 104, 644-654.	4.7	13
9	Quantifying the relationship between inhibition of VEGF receptor 2, drugâ€induced blood pressure elevation and hypertension. British Journal of Pharmacology, 2018, 175, 618-630.	5.4	18
10	PKPD modelling of PR and QRS intervals in conscious dogs using standard safety pharmacology data. Journal of Pharmacological and Toxicological Methods, 2016, 79, 34-44.	0.7	6