Joachim Almquist

List of Publications by Year
in descending order

27	534	933447 10	677142 22
papers	citations	h-index	g-index

28	28	28	872
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nonlinear Population Pharmacokinetics of Anifrolumab in Healthy Volunteers and Patients With Systemic Lupus Erythematosus. Journal of Clinical Pharmacology, 2022, 62, 1106-1120.	2.0	5
2	A Phase 2a, Double-Blind, Placebo-controlled Randomized Trial of Inhaled TLR9 Agonist AZD1419 in Asthma. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 296-306.	5.6	18
3	Nonlinear Mixed Effects Modeling of Deterministic and Stochastic Dynamical Systems in Wolfram Mathematica. IFAC-PapersOnLine, 2021, 54, 409-414.	0.9	5
4	Mathematical Model Predicts that Acceleration of Diabetic Wound Healing is Dependent on Spatial Distribution of VEGF-A mRNA (AZD8601). Cellular and Molecular Bioengineering, 2021, 14, 321-338.	2.1	5
5	Exposure-response modeling improves selection of radiation and radiosensitizer combinations. Journal of Pharmacokinetics and Pharmacodynamics, 2021, 49, 167.	1.8	2
6	Effects of a selective glucocorticoid receptor modulator (AZD9567) versus prednisolone in healthy volunteers: two phase 1, single-blind, randomised controlled trials. Lancet Rheumatology, The, 2020, 2, e31-e41.	3.9	11
7	Modelâ€Based Analysis Reveals a Sustained and Doseâ€Dependent Acceleration of Wound Healing by VEGFâ€A mRNA (AZD8601). CPT: Pharmacometrics and Systems Pharmacology, 2020, 9, 384-394.	2.5	4
8	Estimation of Equipotent Doses for Antiâ€Inflammatory Effects of Prednisolone and AZD9567, an Oral Selective Nonsteroidal Glucocorticoid Receptor Modulator. CPT: Pharmacometrics and Systems Pharmacology, 2020, 9, 444-455.	2.5	6
9	Predictors of loss of asthma control in the Phase 2a INCONTRO trial: A post-hoc analysis. , 2020, , .		0
10	Modeling long-term tumor growth and kill after combinations of radiation and radiosensitizing agents. Cancer Chemotherapy and Pharmacology, 2019, 83, 1159-1173.	2.3	7
11	Challenging the dose-response-time data approach: Analysis of a complex system. European Journal of Pharmaceutical Sciences, 2019, 128, 250-269.	4.0	1
12	Overexpressing cell systems are a competitive option to primary adipocytes when predicting in vivo potency of dual GPR81/GPR109A agonists. European Journal of Pharmaceutical Sciences, 2018, 114, 155-165.	4.0	5
13	Modelâ€Based Evaluation of Radiation and Radiosensitizing Agents in Oncology. CPT: Pharmacometrics and Systems Pharmacology, 2018, 7, 51-58.	2.5	9
14	Exact Gradients Improve Parameter Estimation in Nonlinear Mixed Effects Models with Stochastic Dynamics. AAPS Journal, 2018, 20, 88.	4.4	3
15	Evaluation and translation of combination therapies in oncology â€“ A quantitative approach. European Journal of Pharmacology, 2018, 834, 327-336.	3.5	4
16	Modeling of free fatty acid dynamics: insulin and nicotinic acid resistance under acute and chronic treatments. Journal of Pharmacokinetics and Pharmacodynamics, 2017, 44, 203-222.	1.8	8
17	Tumor Static Concentration Curves in Combination Therapy. AAPS Journal, 2017, 19, 456-467.	4.4	15
18	Hemostatic effects of the ticagrelor antidote MEDI2452 in pigs treated with ticagrelor on a background of aspirin. Journal of Thrombosis and Haemostasis, 2017, 15, 1213-1222.	3.8	19

#	Article	IF	Citations
19	Unraveling the pharmacokinetic interaction of ticagrelor and MEDI2452 (Ticagrelor antidote) by mathematical modeling. CPT: Pharmacometrics and Systems Pharmacology, 2016, 5, 313-323.	2.5	9
20	Using sensitivity equations for computing gradients of the FOCE and FOCEI approximations to the population likelihood. Journal of Pharmacokinetics and Pharmacodynamics, 2015, 42, 191-209.	1.8	19
21	Mixed Effects Modeling Using Stochastic Differential Equations: Illustrated by Pharmacokinetic Data of Nicotinic Acid in Obese Zucker Rats. AAPS Journal, 2015, 17, 586-596.	4.4	27
22	A Nonlinear Mixed Effects Approach for Modeling the Cell-To-Cell Variability of Mig1 Dynamics in Yeast. PLoS ONE, 2015, 10, e0124050.	2.5	25
23	Yeast AMP-activated Protein Kinase Monitors Glucose Concentration Changes and Absolute Glucose Levels. Journal of Biological Chemistry, 2014, 289, 12863-12875.	3.4	38
24	Joint Feedback Analysis Modeling of Nonesterified Fatty Acids in Obese Zucker Rats and Normal Sprague–Dawley Rats after Different Routes of Administration of Nicotinic Acid. Journal of Pharmaceutical Sciences, 2014, 103, 2571-2584.	3.3	4
25	Kinetic models in industrial biotechnology – Improving cell factory performance. Metabolic Engineering, 2014, 24, 38-60.	7.0	238
26	Bridging the gaps in systems biology. Molecular Genetics and Genomics, 2014, 289, 727-734.	2.1	38
27	Modeling the Effect of Kv1.5 Block on the Canine Action Potential. Biophysical Journal, 2010, 99, 2726-2736.	0.5	9