Ruben de Kanter

List of Publications by Year
in descending order

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23 papers	2,223 citations	430754 18 h-index	677027 22 g-index
23 all docs	23 docs citations	23 times ranked	3518 citing authors

#	Article	IF	Citations
1	Discovery, Preclinical Characterization, and Early Clinical Activity of JDQ443, a Structurally Novel, Potent, and Selective Covalent Oral Inhibitor of KRASG12C. Cancer Discovery, 2022, 12, 1500-1517.	7.7	49
2	Letter to the Editor, Physiologically based pharmacokinetic predictions of intestinal BCRPâ€mediated effect of telmisartan on the pharmacokinetics of rosuvastatin in humans. Biopharmaceutics and Drug Disposition, 2017, 38, 443-444.	1.1	0
3	The Use of Physiology-Based Pharmacokinetic and Pharmacodynamic Modeling in the Discovery of the Dual Orexin Receptor Antagonist ACT-541468. Journal of Pharmacology and Experimental Therapeutics, 2017, 362, 489-503.	1.3	56
4	Characterization of Novel Antimalarial Compound ACT-451840: Preclinical Assessment of Activity and Doseâ€“Efficacy Modeling. PLoS Medicine, 2016, 13, e1002138.	3.9	35
5	Novel S1P1 receptor agonists â€“ Part 5: From amino-to alkoxy-pyridines. European Journal of Medicinal Chemistry, 2016, 115, 326-341.	2.6	13
6	Novel S1P 1 receptor agonists â€“ Part 4: Alkylaminomethyl substituted aryl head groups. European Journal of Medicinal Chemistry, 2016, 116, 222-238.	2.6	8
7	Physiologically-Based Pharmacokinetic Modeling of Macitentan: Prediction of Drugâ€“Drug Interactions. Clinical Pharmacokinetics, 2016, 55, 369-380.	1.6	23
8	First-in-Humans Study of the Safety, Tolerability, and Pharmacokinetics of ACT-451840, a New Chemical Entity with Antimalarial Activity. Antimicrobial Agents and Chemotherapy, 2015, 59, 935-942.	1.4	23
9	Novel S1P₁ Receptor Agonists - Part 2: From Bicyclo[3.1.0]hexane-Fused Thiophenes to Isobutyl Substituted Thiophenes. Journal of Medicinal Chemistry, 2014, 57, 78-97.	2.9	15
10	Novel S1P₁ Receptor Agonists â˜† Part 3: From Thiophenes to Pyridines. Journal of Medicinal Chemistry, 2014, 57, 110-130.	2.9	22
11	Macitentan Does Not Interfere with Hepatic Bile Salt Transport. Journal of Pharmacology and Experimental Therapeutics, 2014, 350, 130-143.	1.3	33
12	Novel in vivo active anti-malarials based on a hydroxy-ethyl-amine scaffold. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 658-662.	1.0	32
13	Preparation and incubation of precision-cut liver and intestinal slices for application in drug metabolism and toxicity studies. Nature Protocols, 2010, 5, 1540-1551.	5.5	321
14	Induction of drug metabolizing enzymes: A survey of in vitro methodologies and interpretations used in the pharmaceutical industryâ€”Do they comply with FDA recommendations?. Chemico-Biological Interactions, 2007, 168, 51-65.	1.7	72
15	Species differences between mouse, rat, dog, monkey and human CYP-mediated drug metabolism, inhibition and induction. Expert Opinion on Drug Metabolism and Toxicology, 2006, 2, 875-894.	1.5	1,122
16	An in vivo and in vitro comparison of CYP gene induction in mice using liver slices and quantitative RT-PCR. Toxicology in Vitro, 2006, 20, 125-131.	1.1	23
17	COMPARISON OF MOUSE AND RAT CYTOCHROME P450-MEDIATED METABOLISM IN LIVER AND INTESTINE. Drug Metabolism and Disposition, 2006, 34, 1047-1054.	1.7	91
18	EMPIRICAL VALIDATION OF A RAT IN VITRO ORGAN SLICE MODEL AS A TOOL FOR IN VIVO CLEARANCE PREDICTION. Drug Metabolism and Disposition, 2006, 34, 591-599.	1.7	43

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19	A new technique for preparing precision-cut slices from small intestine and colon for drug biotransformation studies. Journal of Pharmacological and Toxicological Methods, 2005, 51, 65-72.	0.3	46
20	Lack of strain-related differences in drug metabolism and efflux transporter characteristics between CD-1 and athymic nude mice. Cancer Chemotherapy and Pharmacology, 2005, 55, 129-135.	1.1	10
21	An in vivo and in vitro comparison of CYP induction in rat liver and intestine using slices and quantitative RT-PCR. Chemico-Biological Interactions, 2004, 151, 1-11.	1.7	56
22	Phase I and phase II metabolic activities are retained in liver slices from mouse, rat, dog, monkey and human after cryopreservation. Toxicology in Vitro, 2004, 18, 121-128.	1.1	33
23	Comparison of five incubation systems for rat liver slices using functional and viability parameters. Journal of Pharmacological and Toxicological Methods, 1997, 38, 59-69.	0.3	97