

Adrian B Roth

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

831
citations

1040056

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h-index

1125743

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13
all docs

13
docs citations

13
times ranked

1416
citing authors

#	ARTICLE	IF	CITATIONS
1	A long-term three dimensional liver co-culture system for improved prediction of clinically relevant drug-induced hepatotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2013, 268, 1-16.	2.8	232
2	Biology-inspired microphysiological system approaches to solve the prediction dilemma of substance testing. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2016, 33, 272-321.	1.5	214
3	Multi-organ system for the evaluation of efficacy and off-target toxicity of anticancer therapeutics. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	108
4	The application of 3D cell models to support drug safety assessment: Opportunities & challenges. <i>Advanced Drug Delivery Reviews</i> , 2014, 69-70, 179-189.	13.7	68
5	Implementation of a Human Renal Proximal Tubule on a Chip for Nephrotoxicity and Drug Interaction Studies. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 1601-1614.	3.3	54
6	Differential Monocyte Actuation in a Three-Organ Functional Innate Immune System-on-a-Chip. <i>Advanced Science</i> , 2020, 7, 2000323.	11.2	50
7	Current limitations and future opportunities for prediction of DILI from in vitro. <i>Archives of Toxicology</i> , 2017, 91, 131-142.	4.2	40
8	Human microphysiological systems for drug development. <i>Science</i> , 2021, 373, 1304-1306.	12.6	36
9	Gene expression-based in vivo and in vitro prediction of liver toxicity allows compound selection at an early stage of drug development. <i>Journal of Biochemical and Molecular Toxicology</i> , 2011, 25, 183-194.	3.0	16
10	Nephroscreen: A robust and versatile renal tubule-on-a-chip platform for nephrotoxicity assessment. <i>Current Opinion in Toxicology</i> , 2021, 25, 42-48.	5.0	6
11	A Model-Based Workflow to Benchmark the Clinical Cholestasis Risk of Drugs. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 110, 1293-1301.	4.7	3
12	Use of early phenotypic in vivo markers to assess human relevance of an unusual rodent non-genotoxic carcinogen in vitro. <i>Toxicology</i> , 2017, 379, 48-61.	4.2	2
13	Concurrent isolation of hepatic stem cells and hepatocytes from the human liver. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2020, 56, 253-260.	1.5	2