Brad Reisfeld

List of Publications by Year
in descending order

32 papers	760 citations	567144 15 h-index	526166 27 g-index
37 all docs	37 docs citations	37 times ranked	1020 citing authors

#	Article	IF	Citations
1	kc-hits: a tool to aid in the evaluation and classification of chemical carcinogens. Bioinformatics, 2022, 38, 2961-2962.	1.8	1
2	Predicting the Disposition of the Antimalarial Drug Artesunate and Its Active Metabolite Dihydroartemisinin Using Physiologically Based Pharmacokinetic Modeling. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	2
3	A Bayesian population physiologically based pharmacokinetic absorption modeling approach to support generic drug development: application to bupropion hydrochloride oral dosage forms. Journal of Pharmacokinetics and Pharmacodynamics, 2021, 48, 893-908.	0.8	3
4	Well-tempered MCMC simulations for population pharmacokinetic models. Journal of Pharmacokinetics and Pharmacodynamics, 2020, 47, 543-559.	0.8	7
5	pksensi: An R package to apply global sensitivity analysis in physiologically based kinetic modeling. SoftwareX, 2020, 12, 100609.	1.2	4
6	A Novel Method for the Development of Environmental Public Health Indicators and Benchmark Dose Estimation Using a Health-Based End Point for Chlorpyrifos. Environmental Health Perspectives, 2018, 126, 047009.	2.8	5
7	Applying a Global Sensitivity Analysis Workflow to Improve the Computational Efficiencies in Physiologically-Based Pharmacokinetic Modeling. Frontiers in Pharmacology, 2018, 9, 588.	1.6	54
8	Characterizing the Effects of Race/Ethnicity on Acetaminophen Pharmacokinetics Using Physiologically Based Pharmacokinetic Modeling. European Journal of Drug Metabolism and Pharmacokinetics, 2017, 42, 143-153.	0.6	14
9	Trichloroethylene-induced alterations in DNA methylation were enriched in polycomb protein binding sites in effector/memory CD4+ T cells. Environmental Epigenetics, 2017, 3, .	0.9	15
10	Development of a physiologically based pharmacokinetic model of paraquat. , 2017, 2017, 2732-2735.		6
11	Chronic exposure to water pollutant trichloroethylene increased epigenetic drift in CD4⁺ T cells. Epigenomics, 2016, 8, 633-649.	1.0	22
12	Physiologically Based Pharmacokinetic Model of Rifapentine and 25-Desacetyl Rifapentine Disposition in Humans. Antimicrobial Agents and Chemotherapy, 2016, 60, 4860-4868.	1.4	7
13	A novel approach for estimating ingested dose associated with paracetamol overdose. British Journal of Clinical Pharmacology, 2016, 81, 634-645.	1.1	12
14	Physiologically based modeling of the pharmacokinetics of acetaminophen and its major metabolites in humans using a Bayesian population approach. European Journal of Drug Metabolism and Pharmacokinetics, 2016, 41, 267-280.	0.6	23
15	Additive Synergism between Asbestos and Smoking in Lung Cancer Risk: A Systematic Review and Meta-Analysis. PLoS ONE, 2015, 10, e0135798.	1.1	71
16	A pharmacokinetic model of lopinavir in combination with ritonavir in human. , 2014, 2014, 5699-702.		5
17	Modeling toxicodynamic effects of trichloroethylene on liver in mouse model of autoimmune hepatitis. Toxicology and Applied Pharmacology, 2014, 279, 284-293.	1.3	19
18	Mathematical Modeling and Trichloroethylene. Molecular and Integrative Toxicology, 2014, , 209-237.	0.5	0

#	Article	IF	Citations
19	DoseSim: a tool for pharmacokinetic/pharmacodynamic analysis and dose reconstruction. Bioinformatics, 2013, 29, 400-401.	1.8	3
20	A Physiologically Based Pharmacokinetic Model of Rifampin in Mice. Antimicrobial Agents and Chemotherapy, 2013, 57, 1763-1771.	1.4	39
21	A Physiologically Based Pharmacokinetic Model for Capreomycin. Antimicrobial Agents and Chemotherapy, 2012, 56, 926-934.	1.4	21
22	What is Computational Toxicology?. Methods in Molecular Biology, 2012, 929, 3-7.	0.4	19
23	Epigenetic Alterations May Regulate Temporary Reversal of CD4+ T Cell Activation Caused by Trichloroethylene Exposure. Toxicological Sciences, 2012, 127, 169-178.	1.4	25
24	Rapid estimation of activation enthalpies for cytochromeâ€P450â€mediated hydroxylations. Journal of Computational Chemistry, 2011, 32, 639-657.	1.5	3
25	Predicting Activation Enthalpies of Cytochrome-P450-Mediated Hydrogen Abstractions. 2. Comparison of Semiempirical PM3, SAM1, and AM1 with a Density Functional Theory Method. Journal of Chemical Information and Modeling, 2009, 49, 1692-1703.	2.5	14
26	Cytochromes P450: A Structure-Based Summary of Biotransformations Using Representative Substrates. Drug Metabolism Reviews, 2008, 40, 1-100.	1.5	108
27	Computational Toxicology of Chloroform: Reverse Dosimetry Using Bayesian Inference, Markov Chain Monte Carlo Simulation, and Human Biomonitoring Data. Environmental Health Perspectives, 2008, 116, 1040-1046.	2.8	63
28	Biochemical Reaction Network Modeling:Â Predicting Metabolism of Organic Chemical Mixtures. Environmental Science & Technology, 2005, 39, 5363-5371.	4.6	25
29	Chemical mixture toxicology: from descriptive to mechanistic, and going on to in silico toxicology. Environmental Toxicology and Pharmacology, 2004, 18, 65-81.	2.0	34
30	A reaction network model for CYP2E1-mediated metabolism of toxicant mixtures. Environmental Toxicology and Pharmacology, 2004, 18, 173-179.	2.0	10
31	Application of biologically based computer modeling to simple or complex mixtures.. Environmental Health Perspectives, 2002, 110, 957-963.	2.8	36
32	Physiologically Based Pharmacokinetic and Pharmacodynamic Modeling. , 0, , 33-69.		4