

Yusuke Kamiya

List of Publications by Year in descending order

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27
papers

328
citations

933447

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888059

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#	ARTICLE	IF	CITATIONS
1	Trivariate Linear Regression and Machine Learning Prediction of Possible Roles of Efflux Transporters in Estimated Intestinal Permeability Values of 301 Disparate Chemicals. <i>Biological and Pharmaceutical Bulletin</i> , 2022, , .	1.4	2
2	Metabolic Profiles of Tetrabromobisphenol A in Humans Extrapolated from Humanized-Liver Mouse Data Using a Simplified Physiologically Based Pharmacokinetic Model. <i>Chemical Research in Toxicology</i> , 2021, 34, 522-528.	3.3	8
3	Differences in pharmacokinetics and haematotoxicities of aniline and its dimethyl derivatives orally administered in rats. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1775-1780.	1.4	3
4	<i>In Silico</i> Prediction of Input Parameters for Simplified Physiologically Based Pharmacokinetic Models for Estimating Plasma, Liver, and Kidney Exposures in Rats after Oral Doses of 246 Disparate Chemicals. <i>Chemical Research in Toxicology</i> , 2021, 34, 507-513.	3.3	23
5	Hepatotoxicological potential of P-toluic acid in humanised-liver mice investigated using simplified physiologically based pharmacokinetic models. <i>Xenobiotica</i> , 2021, 51, 1-7.	1.1	2
6	An Updated <i>In Silico</i> Prediction Method for Volumes of Systemic Circulation of 323 Disparate Chemicals for Use in Physiologically Based Pharmacokinetic Models to Estimate Plasma and Tissue Concentrations after Oral Doses in Rats. <i>Chemical Research in Toxicology</i> , 2021, 34, 2180-2183.	3.3	9
7	Prediction of permeability across intestinal cell monolayers for 219 disparate chemicals using <i>in vitro</i> experimental coefficients in a pH gradient system and <i>in silico</i> analyses by trivariate linear regressions and machine learning. <i>Biochemical Pharmacology</i> , 2021, 192, 114749.	4.4	14
8	Metabolic profiles for the pyrrolizidine alkaloid neopetasitenine and its metabolite petasitenine in humans extrapolated from rat <i>in vivo</i> and <i>in vitro</i> data sets using a simplified physiologically based pharmacokinetic model. <i>Journal of Toxicological Sciences</i> , 2021, 46, 391-399.	1.5	8
9	Machine Learning Prediction of the Three Main Input Parameters of a Simplified Physiologically Based Pharmacokinetic Model Subsequently Used to Generate Time-Dependent Plasma Concentration Data in Humans after Oral Doses of 212 Disparate Chemicals. <i>Biological and Pharmaceutical Bulletin</i> , 2021, , .	1.4	12
10	Different Hepatic Concentrations of Bromobenzene, 1,2-Dibromobenzene, and 1,4-Dibromobenzene in Humanized-Liver Mice Predicted Using Simplified Physiologically Based Pharmacokinetic Models as Putative Markers of Toxicological Potential. <i>Chemical Research in Toxicology</i> , 2020, 33, 3048-3053.	3.3	7
11	Physiologically Based Pharmacokinetic Models Predicting Renal and Hepatic Concentrations of Industrial Chemicals after Virtual Oral Doses in Rats. <i>Chemical Research in Toxicology</i> , 2020, 33, 1736-1751.	3.3	27
12	Increased plasma concentrations of an antidyslipidemic drug pemafibrate co-administered with rifampicin or cyclosporine A in cynomolgus monkeys genotyped for the organic anion transporting polypeptide 1B1. <i>Drug Metabolism and Pharmacokinetics</i> , 2020, 35, 354-360.	2.2	7
13	Determination and prediction of permeability across intestinal epithelial cell monolayer of a diverse range of industrial chemicals/drugs for estimation of oral absorption as a putative marker of hepatotoxicity. <i>Toxicology Reports</i> , 2020, 7, 149-154.	3.3	36
14	Metabolic profiles of coumarin in human plasma extrapolated from a rat data set with a simplified physiologically based pharmacokinetic model. <i>Journal of Toxicological Sciences</i> , 2020, 45, 695-700.	1.5	9
15	Plasma, liver, and kidney exposures in rats after oral doses of industrial chemicals predicted using physiologically based pharmacokinetic models: A case study of perfluorooctane sulfonic acid. <i>Journal of Toxicological Sciences</i> , 2020, 45, 763-767.	1.5	4
16	Human plasma and liver concentrations of styrene estimated by combining a simple physiologically based pharmacokinetic model with rodent data. <i>Journal of Toxicological Sciences</i> , 2019, 44, 543-548.	1.5	10
17	Adult and infant pharmacokinetic profiling of dihydrocodeine using physiologically based pharmacokinetic modeling. <i>Biopharmaceutics and Drug Disposition</i> , 2019, 40, 350-357.	1.9	11
18	Enhancement Effect of Poly-L-ornithine on the Nasal Absorption of Water-Soluble Macromolecules in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 144-148.	1.4	2

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19	Steady-State Human Pharmacokinetics of Monobutyl Phthalate Predicted by Physiologically Based Pharmacokinetic Modeling Using Single-Dose Data from Humanized-Liver Mice Orally Administered with Dibutyl Phthalate. <i>Chemical Research in Toxicology</i> , 2019, 32, 333-340.	3.3	18
20	Plasma and Hepatic Concentrations of Chemicals after Virtual Oral Administrations Extrapolated Using Rat Plasma Data and Simple Physiologically Based Pharmacokinetic Models. <i>Chemical Research in Toxicology</i> , 2019, 32, 211-218.	3.3	38
21	Extrapolation of Hepatic Concentrations of Industrial Chemicals Using Pharmacokinetic Models to Predict Hepatotoxicity. <i>Toxicological Research</i> , 2019, 35, 295-301.	2.1	5
22	In vivo and in vitro diclofenac 5-hydroxylation mediated primarily by cytochrome P450 3A enzymes in common marmoset livers genotyped for P450 2C19 variants. <i>Biochemical Pharmacology</i> , 2018, 152, 272-278.	4.4	16
23	Association of pharmacokinetic profiles of lenalidomide in human plasma simulated using pharmacokinetic data in humanized-liver mice with liver toxicity detected by human serum albumin RNA. <i>Journal of Toxicological Sciences</i> , 2018, 43, 369-375.	1.5	11
24	Improved Intranasal Retentivity and Transnasal Absorption Enhancement by PEGylated Poly-L-ornithine. <i>Pharmaceuticals</i> , 2018, 11, 9.	3.8	9
25	Preparation and Evaluation of PEGylated Poly-L-ornithine Complex as a Novel Absorption Enhancer. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 205-211.	1.4	12
26	A Mechanism Enhancing Macromolecule Transport Through Paracellular Spaces Induced by Poly-L-Arginine: Poly-L-Arginine Induces the Internalization of Tight Junction Proteins via Clathrin-Mediated Endocytosis. <i>Pharmaceutical Research</i> , 2014, 31, 2287-2296.	3.5	23
27	Low cerebrospinal fluid-to-plasma ratios of orally administered lenalidomide mediated by its low cell membrane permeability in patients with hematologic malignancies. <i>Annals of Hematology</i> , 0, , .	1.8	0