Yusuke Kamiya

List of Publications by Year
in descending order

27 papers	328 citations	933447 10 h-index	888059 17 g-index
28 all docs	28 docs citations	28 times ranked	200 citing authors

#	Article	IF	Citations
1	Plasma and Hepatic Concentrations of Chemicals after Virtual Oral Administrations Extrapolated Using Rat Plasma Data and Simple Physiologically Based Pharmacokinetic Models. Chemical Research in Toxicology, 2019, 32, 211-218.	3.3	38
2	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. Toxicology Reports, 2020, 7, 149-154.	3.3	36
3	Physiologically Based Pharmacokinetic Models Predicting Renal and Hepatic Concentrations of Industrial Chemicals after Virtual Oral Doses in Rats. Chemical Research in Toxicology, 2020, 33, 1736-1751.	3.3	27
4	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. Pharmaceutical Research, 2014, 31, 2287-2296.	3.5	23
5	*In Silico* 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. Chemical Research in Toxicology, 2021, 34, 507-513.	3.3	23
6	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. Chemical Research in Toxicology, 2019, 32, 333-340.	3.3	18
7	In vivo and in vitro diclofenac 5-hydroxylation mediated primarily by cytochrome P450 3A enzymes in common marmoset livers genotyped for P450 2C19 variants. Biochemical Pharmacology, 2018, 152, 272-278.	4.4	16
8	Prediction of permeability across intestinal cell monolayers for 219 disparate chemicals using in vitro experimental coefficients in a pH gradient system and in silico analyses by trivariate linear regressions and machine learning. Biochemical Pharmacology, 2021, 192, 114749.	4.4	14
9	Preparation and Evaluation of PEGylated Poly-L-ornithine Complex as a Novel Absorption Enhancer. Biological and Pharmaceutical Bulletin, 2017, 40, 205-211.	1.4	12
10	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. Biological and Pharmaceutical Bulletin, 2021, , .	1.4	12
11	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. Journal of Toxicological Sciences, 2018, 43, 369-375.	1.5	11
12	Adult and infant pharmacokinetic profiling of dihydrocodeine using physiologically based pharmacokinetic modeling. Biopharmaceutics and Drug Disposition, 2019, 40, 350-357.	1.9	11
13	Human plasma and liver concentrations of styrene estimated by combining a simple physiologically based pharmacokinetic model with rodent data. Journal of Toxicological Sciences, 2019, 44, 543-548.	1.5	10
14	Improved Intranasal Retentivity and Transnasal Absorption Enhancement by PEGylated Poly-l-ornithine. Pharmaceuticals, 2018, 11, 9.	3.8	9
15	An Updated *In Silico* 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. Chemical Research in Toxicology, 2021, 34, 2180-2183.	3.3	9
16	Metabolic profiles of coumarin in human plasma extrapolated from a rat data set with a simplified physiologically based pharmacokinetic model. Journal of Toxicological Sciences, 2020, 45, 695-700.	1.5	9
17	Metabolic Profiles of Tetrabromobisphenol A in Humans Extrapolated from Humanized-Liver Mouse Data Using a Simplified Physiologically Based Pharmacokinetic Model. Chemical Research in Toxicology, 2021, 34, 522-528.	3.3	8
18	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. Journal of Toxicological Sciences, 2021, 46, 391-399.	1.5	8

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19	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. Chemical Research in Toxicology, 2020, 33, 3048-3053.	3.3	7
20	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. Drug Metabolism and Pharmacokinetics, 2020, 35, 354-360.	2.2	7
21	Extrapolation of Hepatic Concentrations of Industrial Chemicals Using Pharmacokinetic Models to Predict Hepatotoxicity. Toxicological Research, 2019, 35, 295-301.	2.1	5
22	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. Journal of Toxicological Sciences, 2020, 45, 763-767.	1.5	4
23	Differences in pharmacokinetics and haematotoxicities of aniline and its dimethyl derivatives orally administered in rats. Biological and Pharmaceutical Bulletin, 2021, 44, 1775-1780.	1.4	3
24	Enhancement Effect of Poly-L-ornithine on the Nasal Absorption of Water-Soluble Macromolecules in Rats. Biological and Pharmaceutical Bulletin, 2019, 42, 144-148.	1.4	2
25	Hepatotoxicological potential of P-toluic acid in humanised-liver mice investigated using simplified physiologically based pharmacokinetic models. Xenobiotica, 2021, 51, 1-7.	1.1	2
26	Trivariate Linear Regression and Machine Learning Prediction of Possible Roles of Efflux Transporters in Estimated Intestinal Permeability Values of 301 Disparate Chemicals. Biological and Pharmaceutical Bulletin, 2022, , .	1.4	2
27	Low cerebrospinal fluid-to-plasma ratios of orally administered lenalidomide mediated by its low cell membrane permeability in patients with hematologic malignancies. Annals of Hematology, 0, , .	1.8	0