

# Jun Abe

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

289  
citations

1040056

9  
h-index

888059

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

319  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of the human pharmacokinetics of epyrifenacil and its major metabolite, S-3100-CA, by a physiologically based pharmacokinetic modeling using chimeric mice with humanized liver. <i>Toxicology and Applied Pharmacology</i> , 2022, 439, 115912.	2.8	3
2	Flumioxazin, a PPO inhibitor: A weight-of-evidence consideration of its mode of action as a developmental toxicant in the rat and its relevance to humans. <i>Toxicology</i> , 2022, , 153160.	4.2	4
3	Different effects of an N-phenylimide herbicide on heme biosynthesis between human and rat erythroid cells. <i>Reproductive Toxicology</i> , 2021, 99, 27-38.	2.9	5
4	Researches on the evaluation of pesticide safety in humans using a pharmacokinetic approach. <i>Journal of Pesticide Sciences</i> , 2021, 46, 290-296.	1.4	0
5	Designing a novel photoinduced electron transfer-based small-molecule fluorescent probe specific for CYP3A isozymes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 47, 128195.	2.2	1
6	Comparative hepatotoxicity of a herbicide, epyrifenacil, in humans and rodents by comparing the dynamics and kinetics of its causal metabolite. <i>Journal of Pesticide Sciences</i> , 2021, 46, 333-341.	1.4	9
7	Identification of the organic anion transporting polypeptides responsible for the hepatic uptake of the major metabolite of epyrifenacil, S-3100-CA, in mice. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00877.	2.4	8
8	Absorption, Distribution, Metabolism, and Excretion of a New Herbicide, Epyrifenacil, in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 13190-13199.	5.2	8
9	Elucidation of the species differences of epyrifenacil-induced hepatotoxicity between mice and humans by mass spectrometry imaging analysis in chimeric mice with humanized liver. <i>Journal of Toxicological Sciences</i> , 2021, 46, 601-609.	1.5	2
10	Comparison of the Hepatic Effects of Phenobarbital in Chimeric Mice Containing Either Rat or Human Hepatocytes With Humanized Constitutive Androstane Receptor and Pregnane X Receptor Mice. <i>Toxicological Sciences</i> , 2020, 177, 362-376.	3.1	10
11	The effects on the endocrine system under hepatotoxicity induction by phenobarbital and di(2-ethylhexyl)phthalate in intact juvenile male rats. <i>Journal of Toxicological Sciences</i> , 2019, 44, 459-469.	1.5	7
12	Identification of Metabolism and Excretion Differences of Procymidone between Rats and Humans Using Chimeric Mice: Implications for Differential Developmental Toxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 1955-1963.	5.2	14
13	Flumioxazin metabolism in pregnant animals and cell-based protoporphyrinogen IX oxidase (PPO) inhibition assay of fetal metabolites in various animal species to elucidate the mechanism of the rat-specific developmental toxicity. <i>Toxicology and Applied Pharmacology</i> , 2018, 339, 34-41.	2.8	7
14	Metabolism of metofluthrin in rats: I. Identification of metabolites. <i>Xenobiotica</i> , 2018, 48, 157-169.	1.1	2
15	Metabolism of metofluthrin in rats: II. Excretion, distribution and amount of metabolites. <i>Xenobiotica</i> , 2018, 48, 1113-1127.	1.1	1
16	Anti-fibrotic effects of a novel small compound on the regulation of cytokine production in a mouse model of colorectal fibrosis. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 554-560.	2.1	18
17	Metabolism of (Z)-(1R,3R)-Profluthrin in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8651-8661.	5.2	9
18	Discovery of potent and orally bioavailable 17 $\beta$ -hydroxysteroid dehydrogenase type 3 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3242-3254.	3.0	18

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19	Maternal exposure to anti-androgenic compounds, vinclozolin, flutamide and procymidone, has no effects on spermatogenesis and DNA methylation in male rats of subsequent generations. <i>Toxicology and Applied Pharmacology</i> , 2009, 237, 178-187.	2.8	79
20	Metabolism of Procymidone Derivatives in Female Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10883-10888.	5.2	9
21	Release of vesicular Zn <sup>2+</sup> in a rat transient middle cerebral artery occlusion model. <i>Brain Research Bulletin</i> , 2006, 69, 622-625.	3.0	30
22	In Vivo Measurement of Presynaptic Zn <sup>2+</sup> Release during Forebrain Ischemia in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 821-823.	1.4	14
23	Protective Effect of Zinc Against Ischemic Neuronal Injury in a Middle Cerebral Artery Occlusion Model. <i>Journal of Pharmacological Sciences</i> , 2006, 100, 142-148.	2.5	31