

# Seigo Sanoh

## List of Publications by Year in descending order

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53  
papers

1,029  
citations

471509

17  
h-index

454955

30  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of human pharmacokinetics for low-clearance compounds using pharmacokinetic data from chimeric mice with humanized livers. <i>Clinical and Translational Science</i> , 2022, 15, 79-91.	3.1	4
2	Involvement of aldehyde oxidase in the metabolism of aromatic and aliphatic aldehyde-odorants in the mouse olfactory epithelium. <i>Archives of Biochemistry and Biophysics</i> , 2022, 715, 109099.	3.0	3
3	In vitro and in vivo assessment of drug metabolism and hepatotoxicity using chimeric mice with humanized liver. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2022, 95, 2-S21-3.	0.0	0
4	Assessment of metabolic activation of felbamate in chimeric mice with humanized liver in combination with in vitro metabolic assays. <i>Journal of Toxicological Sciences</i> , 2022, 47, 277-288.	1.5	3
5	Mit/TFE family members suppress L-leucyl-L-leucine methyl ester-induced cell death. <i>Journal of Toxicological Sciences</i> , 2021, 46, 143-156.	1.5	3
6	Treatment with Histone Deacetylase Inhibitor Attenuates Peripheral Inflammation-Induced Cognitive Dysfunction and Microglial Activation: The Effect of SAHA as a Peripheral HDAC Inhibitor. <i>Neurochemical Research</i> , 2021, 46, 2285-2296.	3.3	7
7	Omics analyses and their application for the discovery of biomarkers reflecting drug efficacy and adverse reaction. <i>Drug Metabolism and Pharmacokinetics</i> , 2021, 39, 100405.	2.2	0
8	Comparison of the Components of Three Types of Miso (Fermented Soybean Paste) by <sup>1</sup> H NMR Metabolomic Analysis. <i>BPB Reports</i> , 2021, 4, 148-154.	0.3	1
9	Variation in Expression of Cytochrome P450 3A Isoforms and Toxicological Effects: Endo- and Exogenous Substances as Regulatory Factors and Substrates. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1617-1634.	1.4	16
10	Amiodarone bioconcentration and suppression of metamorphosis in <i>Xenopus</i> . <i>Aquatic Toxicology</i> , 2020, 228, 105623.	4.0	4
11	Predictability of human pharmacokinetics of drugs that undergo hepatic organic anion transporting polypeptide (OATP)-mediated transport using single-species allometric scaling in chimeric mice with humanized liver: integration with hepatic drug metabolism. <i>Xenobiotica</i> , 2020, 50, 1370-1379.	1.1	12
12	Triphenyltin inhibits GA-binding protein nuclear translocation. <i>Fundamental Toxicological Sciences</i> , 2020, 7, 33-40.	0.6	1
13	Changes in Bile Acid Concentrations after Administration of Ketoconazole or Rifampicin to Chimeric Mice with Humanized Liver. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1366-1375.	1.4	8
14	Comparative study of the effect of 17 parabens on PXR-, CAR- and PPAR-mediated transcriptional activation. <i>Food and Chemical Toxicology</i> , 2019, 133, 110792.	3.6	10
15	Activation of PXR, CAR and PPAR by pyrethroid pesticides and the effect of metabolism by rat liver microsomes. <i>Heliyon</i> , 2019, 5, e02466.	3.2	12
16	Utility of Chimeric Mice with Humanized Liver for Predicting Human Pharmacokinetics in Drug Discovery: Comparison with in Vitro Extrapolation and Allometric Scaling. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 327-336.	1.4	14
17	Coordinated cytochrome P450 expression in mouse liver and intestine under different dietary conditions during liver regeneration after partial hepatectomy. <i>Toxicology and Applied Pharmacology</i> , 2019, 370, 133-144.	2.8	6
18	CYP1A2 Downregulation by Obeticholic Acid: Usefulness as a Positive Control for the In Vitro Evaluation of Drug-Drug Interactions. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3903-3910.	3.3	3

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19	Profiling of bisphenol A and eight of its analogues on transcriptional activity via human nuclear receptors. <i>Toxicology</i> , 2019, 413, 48-55.	4.2	94
20	Inhibition of cytochrome P450 3A protein degradation and subsequent increase in enzymatic activity through p38 MAPK activation by acetaminophen and salicylate derivatives. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 287-293.	2.1	11
21	Changes in Bile Acid Concentrations in Chimeric Mice Transplanted with Different Replacement Indexes of Human Hepatocytes. <i>BPB Reports</i> , 2019, 2, 29-34.	0.3	2
22	Comparison of Drug Metabolism and Its Related Hepatotoxic Effects in HepaRG, Cryopreserved Human Hepatocytes, and HepG2 Cell Cultures. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 722-732.	1.4	105
23	Inhibitory effects of drugs on the metabolic activity of mouse and human aldehyde oxidases and influence on drug-drug interactions. <i>Biochemical Pharmacology</i> , 2018, 154, 28-38.	4.4	21
24	Tributyltin induces epigenetic changes and decreases the expression of nuclear respiratory factor-1. <i>Metallomics</i> , 2018, 10, 337-345.	2.4	10
25	Carbofuran causes neuronal vulnerability to glutamate by decreasing GluA2 protein levels in rat primary cortical neurons. <i>Archives of Toxicology</i> , 2018, 92, 401-409.	4.2	7
26	Chimeric mice with humanized liver: Application in drug metabolism and pharmacokinetics studies for drug discovery. <i>Drug Metabolism and Pharmacokinetics</i> , 2018, 33, 31-39.	2.2	43
27	Perfluorooctane sulfonate induces neuronal vulnerability by decreasing GluR2 expression. <i>Archives of Toxicology</i> , 2017, 91, 885-895.	4.2	19
28	Mild MPP+ exposure-induced glucose starvation enhances autophagosome synthesis and impairs its degradation. <i>Scientific Reports</i> , 2017, 7, 46668.	3.3	9
29	Acetaminophen analog N -acetyl- m -aminophenol, but not its reactive metabolite, N -acetyl- p -benzoquinone imine induces CYP3A activity via inhibition of protein degradation. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 639-644.	2.1	5
30	Prenatal Exposure to Tributyltin Decreases GluR2 Expression in the Mouse Brain. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 1121-1124.	1.4	5
31	Lead-Induced ERK Activation Is Mediated by GluR2 Non-containing AMPA Receptor in Cortical Neurons. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 303-309.	1.4	14
32	Low-Concentration Tributyltin Decreases GluR2 Expression via Nuclear Respiratory Factor-1 Inhibition. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1754.	4.1	7
33	Developmental changes in drug-metabolizing enzyme expression during metamorphosis of <i>Xenopus tropicalis</i> . <i>Journal of Toxicological Sciences</i> , 2017, 42, 605-613.	1.5	2
34	Assessment of amiodarone-induced phospholipidosis in chimeric mice with a humanized liver. <i>Journal of Toxicological Sciences</i> , 2017, 42, 589-596.	1.5	15
35	Mild MPP+ exposure impairs autophagic degradation through a novel lysosomal acidity-independent mechanism. <i>Journal of Neurochemistry</i> , 2016, 139, 294-308.	3.9	28
36	Detection of metabolic activation leading to drug-induced phospholipidosis in rat hepatocyte spheroids. <i>Journal of Toxicological Sciences</i> , 2016, 41, 155-164.	1.5	7

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37	Mouse aldehyde-oxidase-4 controls diurnal rhythms, fat deposition and locomotor activity. <i>Scientific Reports</i> , 2016, 6, 30343.	3.3	15
38	Methoxychlor and fenvalerate induce neuronal death by reducing GluR2 expression. <i>Journal of Toxicological Sciences</i> , 2016, 41, 255-264.	1.5	18
39	Acetaminophen induces accumulation of functional rat CYP3A via polyubiquitination dysfunction. <i>Scientific Reports</i> , 2016, 6, 21373.	3.3	12
40	Protein extracts from cultured cells contain nonspecific serum albumin. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1164-1167.	1.3	8
41	Development of a simple measurement method for GluR2 protein expression as an index of neuronal vulnerability. <i>Toxicology Reports</i> , 2015, 2, 450-460.	3.3	8
42	Predictability of plasma concentration-time curves in humans using single-species allometric scaling of chimeric mice with humanized liver. <i>Xenobiotica</i> , 2015, 45, 605-614.	1.1	43
43	Metabolism of UV-filter benzophenone-3 by rat and human liver microsomes and its effect on endocrine-disrupting activity. <i>Toxicology and Applied Pharmacology</i> , 2015, 282, 119-128.	2.8	93
44	Significance of aldehyde oxidase during drug development: Effects on drug metabolism, pharmacokinetics, toxicity, and efficacy. <i>Drug Metabolism and Pharmacokinetics</i> , 2015, 30, 52-63.	2.2	59
45	Chimeric mice transplanted with human hepatocytes as a model for prediction of human drug metabolism and pharmacokinetics. <i>Biopharmaceutics and Drug Disposition</i> , 2014, 35, 71-86.	1.9	34
46	Fluorometric assessment of acetaminophen-induced toxicity in rat hepatocyte spheroids seeded on micro-space cell culture plates. <i>Toxicology in Vitro</i> , 2014, 28, 1176-1182.	2.4	10
47	Involvement of decreased glutamate receptor subunit GluR2 expression in lead-induced neuronal cell death. <i>Journal of Toxicological Sciences</i> , 2013, 38, 513-521.	1.5	21
48	Predictability of Metabolism of Ibuprofen and Naproxen Using Chimeric Mice with Human Hepatocytes. <i>Drug Metabolism and Disposition</i> , 2012, 40, 2267-2272.	3.3	38
49	Prediction of Human Metabolism of FK3453 by Aldehyde Oxidase Using Chimeric Mice Transplanted with Human or Rat Hepatocytes. <i>Drug Metabolism and Disposition</i> , 2012, 40, 76-82.	3.3	38
50	Developmental Changes of Aldehyde Oxidase Activity and Protein Expression in Human Liver Cytosol. <i>Drug Metabolism and Pharmacokinetics</i> , 2012, 27, 543-547.	2.2	17
51	Prediction of In Vivo Hepatic Clearance and Half-Life of Drug Candidates in Human Using Chimeric Mice with Humanized Liver. <i>Drug Metabolism and Disposition</i> , 2012, 40, 322-328.	3.3	70
52	Effect of Tea Beverages on Aldehyde Oxidase Activity. <i>Drug Metabolism and Pharmacokinetics</i> , 2011, 26, 94-101.	2.2	22
53	Exploratory population pharmacokinetics (e-PPK) analysis for predicting human PK using exploratory ADME data during early drug discovery research. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2009, 34, 117-128.	1.6	10