# Seigo Sanoh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2809107/publications.pdf

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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 | Comparison of Drug Metabolism and Its Related Hepatotoxic Effects in HepaRG, Cryopreserved Human Hepatocytes, and HepG2 Cell Cultures. Biological and Pharmaceutical Bulletin, 2018, 41, 722-732. | 1.4 | 105 |
| 2 | Profiling of bisphenol A and eight of its analogues on transcriptional activity via human nuclear receptors. Toxicology, 2019, 413, 48-55. | 4.2 | 94 |
| 3 | Metabolism of UV-filter benzophenone-3 by rat and human liver microsomes and its effect on endocrine-disrupting activity. Toxicology and Applied Pharmacology, 2015, 282, 119-128. | 2.8 | 93 |
| 4 | Prediction of In Vivo Hepatic Clearance and Half-Life of Drug Candidates in Human Using Chimeric Mice with Humanized Liver. Drug Metabolism and Disposition, 2012, 40, 322-328. | 3.3 | 70 |
| 5 | Significance of aldehyde oxidase during drug development: Effects on drug metabolism, pharmacokinetics, toxicity, and efficacy. Drug Metabolism and Pharmacokinetics, 2015, 30, 52-63. | 2.2 | 59 |
| 6 | Predictability of plasma concentrationâ€“time curves in humans using single-species allometric scaling of chimeric mice with humanized liver. Xenobiotica, 2015, 45, 605-614. | 1.1 | 43 |
| 7 | Chimeric mice with humanized liver: Application in drug metabolism and pharmacokinetics studies for drug discovery. Drug Metabolism and Pharmacokinetics, 2018, 33, 31-39. | 2.2 | 43 |
| 8 | Predictability of Metabolism of Ibuprofen and Naproxen Using Chimeric Mice with Human Hepatocytes. Drug Metabolism and Disposition, 2012, 40, 2267-2272. | 3.3 | 38 |
| 9 | Prediction of Human Metabolism of FK3453 by Aldehyde Oxidase Using Chimeric Mice Transplanted with Human or Rat Hepatocytes. Drug Metabolism and Disposition, 2012, 40, 76-82. | 3.3 | 38 |
| 10 | Chimeric mice transplanted with human hepatocytes as a model for prediction of human drug metabolism and pharmacokinetics. Biopharmaceutics and Drug Disposition, 2014, 35, 71-86. | 1.9 | 34 |
| 11 | Mild <scp>MPP</scp><sup>+</sup> exposure impairs autophagic degradation through a novel lysosomal acidityâ€independent mechanism. Journal of Neurochemistry, 2016, 139, 294-308. | 3.9 | 28 |
| 12 | Effect of Tea Beverages on Aldehyde Oxidase Activity. Drug Metabolism and Pharmacokinetics, 2011, 26, 94-101. | 2.2 | 22 |
| 13 | Involvement of decreased glutamate receptor subunit GluR2 expression in lead-induced neuronal cell death. Journal of Toxicological Sciences, 2013, 38, 513-521. | 1.5 | 21 |
| 14 | Inhibitory effects of drugs on the metabolic activity of mouse and human aldehyde oxidases and influence on drugâ€“drug interactions. Biochemical Pharmacology, 2018, 154, 28-38. | 4.4 | 21 |
| 15 | Perfluorooctane sulfonate induces neuronal vulnerability by decreasing GluR2 expression. Archives of Toxicology, 2017, 91, 885-895. | 4.2 | 19 |
| 16 | Methoxychlor and fenvalerate induce neuronal death by reducing GluR2 expression. Journal of Toxicological Sciences, 2016, 41, 255-264. | 1.5 | 18 |
| 17 | Developmental Changes of Aldehyde Oxidase Activity and Protein Expression in Human Liver Cytosol. Drug Metabolism and Pharmacokinetics, 2012, 27, 543-547. | 2.2 | 17 |
| 18 | Variation in Expression of Cytochrome P450 3A Isoforms and Toxicological Effects: Endo- and Exogenous Substances as Regulatory Factors and Substrates. Biological and Pharmaceutical Bulletin, 2021, 44, 1617-1634. | 1.4 | 16 |

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|---|---|---|---|
| 19 | Mouse aldehyde-oxidase-4 controls diurnal rhythms, fat deposition and locomotor activity. Scientific Reports, 2016, 6, 30343. | 3.3 | 15 |
| 20 | Assessment of amiodarone-induced phospholipidosis in chimeric mice with a humanized liver. Journal of Toxicological Sciences, 2017, 42, 589-596. | 1.5 | 15 |
| 21 | Lead-Induced ERK Activation Is Mediated by GluR2 Non-containing AMPA Receptor in Cortical Neurons. Biological and Pharmaceutical Bulletin, 2017, 40, 303-309. | 1.4 | 14 |
| 22 | Utility of Chimeric Mice with Humanized Liver for Predicting Human Pharmacokinetics in Drug Discovery: Comparison with in Vitroâ€“in Vivo Extrapolation and Allometric Scaling. Biological and Pharmaceutical Bulletin, 2019, 42, 327-336. | 1.4 | 14 |
| 23 | Acetaminophen induces accumulation of functional rat CYP3A via polyubiquitination dysfunction. Scientific Reports, 2016, 6, 21373. | 3.3 | 12 |
| 24 | Activation of PXR, CAR and PPARÎ± by pyrethroid pesticides and the effect of metabolism by rat liver microsomes. Heliyon, 2019, 5, e02466. | 3.2 | 12 |
| 25 | 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. Xenobiotica, 2020, 50, 1370-1379. | 1.1 | 12 |
| 26 | Inhibition of cytochrome P450 3A protein degradation and subsequent increase in enzymatic activity through p38 MAPK activation by acetaminophen and salicylate derivatives. Biochemical and Biophysical Research Communications, 2019, 509, 287-293. | 2.1 | 11 |
| 27 | Exploratory population pharmacokinetics (e-PPK) analysis for predicting human PK using exploratory ADME data during early drug discovery research. European Journal of Drug Metabolism and Pharmacokinetics, 2009, 34, 117-128. | 1.6 | 10 |
| 28 | Fluorometric assessment of acetaminophen-induced toxicity in rat hepatocyte spheroids seeded on micro-space cell culture plates. Toxicology in Vitro, 2014, 28, 1176-1182. | 2.4 | 10 |
| 29 | Tributyltin induces epigenetic changes and decreases the expression of nuclear respiratory factor-1. Metallomics, 2018, 10, 337-345. | 2.4 | 10 |
| 30 | Comparative study of the effect of 17 parabens on PXR-, CAR- and PPARÎ±-mediated transcriptional activation. Food and Chemical Toxicology, 2019, 133, 110792. | 3.6 | 10 |
| 31 | Mild MPP+ exposure-induced glucose starvation enhances autophagosome synthesis and impairs its degradation. Scientific Reports, 2017, 7, 46668. | 3.3 | 9 |
| 32 | Development of a simple measurement method for GluR2 protein expression as an index of neuronal vulnerability. Toxicology Reports, 2015, 2, 450-460. | 3.3 | 8 |
| 33 | Protein extracts from cultured cells contain nonspecific serum albumin. Bioscience, Biotechnology and Biochemistry, 2016, 80, 1164-1167. | 1.3 | 8 |
| 34 | Changes in Bile Acid Concentrations after Administration of Ketoconazole or Rifampicin to Chimeric Mice with Humanized Liver. Biological and Pharmaceutical Bulletin, 2019, 42, 1366-1375. | 1.4 | 8 |
| 35 | Detection of metabolic activation leading to drug-induced phospholipidosis in rat hepatocyte spheroids. Journal of Toxicological Sciences, 2016, 41, 155-164. | 1.5 | 7 |
| 36 | Low-Concentration Tributyltin Decreases GluR2 Expression via Nuclear Respiratory Factor-1 Inhibition. International Journal of Molecular Sciences, 2017, 18, 1754. | 4.1 | 7 |

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|---|---|---|---|
| 37 | Carbofuran causes neuronal vulnerability to glutamate by decreasing GluA2 protein levels in rat primary cortical neurons. Archives of Toxicology, 2018, 92, 401-409. | 4.2 | 7 |
| 38 | Treatment with Histone Deacetylase Inhibitor Attenuates Peripheral Inflammation-Induced Cognitive Dysfunction and Microglial Activation: The Effect of SAHA as a Peripheral HDAC Inhibitor. Neurochemical Research, 2021, 46, 2285-2296. | 3.3 | 7 |
| 39 | Coordinated cytochrome P450 expression in mouse liver and intestine under different dietary conditions during liver regeneration after partial hepatectomy. Toxicology and Applied Pharmacology, 2019, 370, 133-144. | 2.8 | 6 |
| 40 | Acetaminophen analog N -acetyl- m -aminophenol, but not its reactive metabolite, N -acetyl- p -benzoquinone imine induces CYP3A activity via inhibition of protein degradation. Biochemical and Biophysical Research Communications, 2017, 486, 639-644. | 2.1 | 5 |
| 41 | Prenatal Exposure to Tributyltin Decreases GluR2 Expression in the Mouse Brain. Biological and Pharmaceutical Bulletin, 2017, 40, 1121-1124. | 1.4 | 5 |
| 42 | Amiodarone bioconcentration and suppression of metamorphosis in Xenopus. Aquatic Toxicology, 2020, 228, 105623. | 4.0 | 4 |
| 43 | Prediction of human pharmacokinetics for lowâ€clearance compounds using pharmacokinetic data from chimeric mice with humanized livers. Clinical and Translational Science, 2022, 15, 79-91. | 3.1 | 4 |
| 44 | CYP1A2 Downregulation by Obeticholic Acid: Usefulness as a Positive Control for the InÂVitro Evaluation of Drug-Drug Interactions. Journal of Pharmaceutical Sciences, 2019, 108, 3903-3910. | 3.3 | 3 |
| 45 | MiT/TFE family members suppress L-leucylâ€“L-leucine methyl ester-induced cell death. Journal of Toxicological Sciences, 2021, 46, 143-156. | 1.5 | 3 |
| 46 | Involvement of aldehyde oxidase in the metabolism of aromatic and aliphatic aldehyde-odorants in the mouse olfactory epithelium. Archives of Biochemistry and Biophysics, 2022, 715, 109099. | 3.0 | 3 |
| 47 | Assessment of metabolic activation of felbamate in chimeric mice with humanized liver in combination with <i>in vitro</i> metabolic assays. Journal of Toxicological Sciences, 2022, 47, 277-288. | 1.5 | 3 |
| 48 | Developmental changes in drug-metabolizing enzyme expression during metamorphosis of Xenopus tropicalis . Journal of Toxicological Sciences, 2017, 42, 605-613. | 1.5 | 2 |
| 49 | Changes in Bile Acid Concentrations in Chimeric Mice Transplanted with Different Replacement Indexes of Human Hepatocytes. BPB Reports, 2019, 2, 29-34. | 0.3 | 2 |
| 50 | Comparison of the Components of Three Types of Miso (Fermented Soybean Paste) by <sup>1</sup>H NMR Metabolomic Analysis. BPB Reports, 2021, 4, 148-154. | 0.3 | 1 |
| 51 | Triphenyltin inhibits GA-binding protein Î± nuclear translocation. Fundamental Toxicological Sciences, 2020, 7, 33-40. | 0.6 | 1 |
| 52 | Omics analyses and their application for the discovery of biomarkers reflecting drug efficacy and adverse reaction. Drug Metabolism and Pharmacokinetics, 2021, 39, 100405. | 2.2 | 0 |
| 53 | <i>In vitro</i> and <i>in vivo</i> assessment of drug metabolism and hepatotoxicity using chimeric mice with humanized liver. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2022, 95, 2-S21-3. | 0.0 | 0 |