

Yaichiro Kotake

List of Publications by Year in descending order

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64
papers

4,471
citations

304743

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times ranked

10358
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#	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	Tributyltin inhibits autophagy by decreasing lysosomal acidity in SH-SY5Y cells. <i>Biochemical and Biophysical Research Communications</i> , 2022, 592, 31-37.	2.1	3
4	Assessment of metabolic activation of felbamate in chimeric mice with humanized liver in combination with <i>in vitro</i> 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	Comparison of the Components of Three Types of Miso (Fermented Soybean Paste) by ¹ H NMR Metabolomic Analysis. <i>BPB Reports</i> , 2021, 4, 148-154.	0.3	1
8	Amiodarone bioconcentration and suppression of metamorphosis in <i>Xenopus</i> . <i>Aquatic Toxicology</i> , 2020, 228, 105623.	4.0	4
9	Triphenyltin inhibits GA-binding protein nuclear translocation. <i>Fundamental Toxicological Sciences</i> , 2020, 7, 33-40.	0.6	1
10	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
11	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
12	CYP1A2 Downregulation by Obeticholic Acid: Usefulness as a Positive Control for the <i>In Vitro</i> Evaluation of Drug-Drug Interactions. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3903-3910.	3.3	3
13	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
14	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
15	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
16	Tributyltin induces epigenetic changes and decreases the expression of nuclear respiratory factor-1. <i>Metallomics</i> , 2018, 10, 337-345.	2.4	10
17	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
18	Perfluorooctane sulfonate induces neuronal vulnerability by decreasing GluR2 expression. <i>Archives of Toxicology</i> , 2017, 91, 885-895.	4.2	19

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19	Mild MPP+ exposure-induced glucose starvation enhances autophagosome synthesis and impairs its degradation. <i>Scientific Reports</i> , 2017, 7, 46668.	3.3	9
20	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
21	Prenatal Exposure to Tributyltin Decreases GluR2 Expression in the Mouse Brain. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 1121-1124.	1.4	5
22	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
23	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
24	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
25	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
26	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
27	Methoxychlor and fenvalerate induce neuronal death by reducing GluR2 expression. <i>Journal of Toxicological Sciences</i> , 2016, 41, 255-264.	1.5	18
28	Acetaminophen induces accumulation of functional rat CYP3A via polyubiquitination dysfunction. <i>Scientific Reports</i> , 2016, 6, 21373.	3.3	12
29	Protein extracts from cultured cells contain nonspecific serum albumin. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1164-1167.	1.3	8
30	NAD-dependent isocitrate dehydrogenase as a novel target of tributyltin in human embryonic carcinoma cells. <i>Scientific Reports</i> , 2015, 4, 5952.	3.3	30
31	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
32	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
33	Tributyltin induces mitochondrial fission through NAD-IDH dependent mitofusin degradation in human embryonic carcinoma cells. <i>Metallomics</i> , 2015, 7, 1240-1246.	2.4	18
34	Endogenous neurotoxic dopamine derivative covalently binds to Parkinson's disease-associated ubiquitin C-terminal hydrolase L1 and alters its structure and function. <i>Journal of Neurochemistry</i> , 2014, 130, 826-838.	3.9	27
35	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
36	Detection of a novel neurotoxic metabolite of Parkinson's disease-related neurotoxin, 1-benzyl-1,2,3,4-tetrahydroisoquinoline. <i>Journal of Toxicological Sciences</i> , 2014, 39, 749-754.	1.5	6

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37	AMP-activated protein kinase-mediated glucose transport as a novel target of tributyltin in human embryonic carcinoma cells. <i>Metallomics</i> , 2013, 5, 484.	2.4	19
38	Tributyltin-induced endoplasmic reticulum stress and its Ca ²⁺ -mediated mechanism. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 137-146.	2.8	40
39	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
40	Molecular Mechanisms of Environmental Organotin Toxicity in Mammals. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 1876-1880.	1.4	67
41	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
42	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
43	Involvement of autophagy via mammalian target of rapamycin (mTOR) inhibition in tributyltin-induced neuronal cell death. <i>Journal of Toxicological Sciences</i> , 2010, 35, 245-251.	1.5	30
44	1-Benzyl-1,2,3,4-tetrahydroisoquinoline binds with tubulin β , a substrate of parkin, and reduces its polyubiquitination. <i>Journal of Neurochemistry</i> , 2010, 114, 1291-1301.	3.9	23
45	Long-term exposure to endogenous levels of tributyltin decreases GluR2 expression and increases neuronal vulnerability to glutamate. <i>Toxicology and Applied Pharmacology</i> , 2009, 240, 292-298.	2.8	34
46	Activation of AMP-activated protein kinase by tributyltin induces neuronal cell death. <i>Toxicology and Applied Pharmacology</i> , 2008, 230, 358-363.	2.8	44
47	Concentration Dependence of the Mechanisms of Tributyltin-Induced Apoptosis. <i>Toxicological Sciences</i> , 2007, 97, 438-447.	3.1	67
48	Neurotoxicity Induced by Environmental Low-molecular-weight Substances. <i>Journal of Health Science</i> , 2007, 53, 639-643.	0.9	4
49	Cytotoxicity of 17 tetrahydroisoquinoline derivatives in SH-SY5Y human neuroblastoma cells is related to mitochondrial NADH-dependent ubiquinone oxidoreductase inhibition. <i>NeuroToxicology</i> , 2007, 28, 27-32.	3.0	17
50	Tributyltin-induced cell death is mediated by calpain in PC12 cells. <i>NeuroToxicology</i> , 2006, 27, 587-593.	3.0	26
51	Parkinsonism-Preventing Activity of 1-Methyl-1,2,3,4-tetrahydroisoquinoline Derivatives in C57BL Mouse in Vivo. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1401-1403.	1.4	24
52	Glutamate Excitotoxicity Is Involved in Cell Death Caused by Tributyltin in Cultured Rat Cortical Neurons. <i>Toxicological Sciences</i> , 2006, 89, 235-242.	3.1	57
53	Neuroprotective effect of 1-methyl-1,2,3,4-tetrahydroisoquinoline on cultured rat mesencephalic neurons in the presence or absence of various neurotoxins. <i>Brain Research</i> , 2005, 1033, 143-150.	2.2	33
54	Detection and determination of reticuline and N-methylcoculaurine in the Annonaceae family using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 806, 75-78.	2.3	26

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55	Tetrahydroisoquinoline Derivatives as Possible Parkinson's Disease-Inducing Substances. <i>ChemInform</i> , 2003, 34, no.	0.0	0
56	Determination method of 1-methyl-1,2,3,4-tetrahydroisoquinoline, an endogenous parkinsonism-preventing substance, by radioimmunoassay. <i>Life Sciences</i> , 2002, 70, 2871-2883.	4.3	8
57	Inhibition of dopamine receptors by endogenous amines: binding to striatal receptors and pharmacological effects on locomotor activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 1669-1671.	2.2	13
58	Dopamine Transporter and Catechol-O-methyltransferase Activities Are Required for the Toxicity of 1-(3,4-Dihydroxybenzyl)-1,2,3,4-tetrahydroisoquinoline. <i>Chemical Research in Toxicology</i> , 2000, 13, 1294-1301.	3.3	14
59	Regional distribution of parkinsonism-preventing endogenous tetrahydroisoquinoline derivatives and an endogenous parkinsonism-preventing substance-synthesizing enzyme in monkey brain. <i>Neuroscience Letters</i> , 1999, 276, 68-70.	2.1	58
60	Deprenyl decreases an endogenous parkinsonism-inducing compound, 1-benzyl-1,2,3,4-tetrahydroisoquinoline in mice: in vivo and in vitro studies. <i>Brain Research</i> , 1998, 787, 341-343.	2.2	27
61	Tetrahydropapaveroline and its derivatives inhibit dopamine uptake through dopamine transporter expressed in HEK293 cells. <i>Neuroscience Research</i> , 1998, 30, 87-90.	1.9	34
62	Chronic administration of 1-benzyl-1,2,3,4-tetrahydroisoquinoline, an endogenous amine in the brain, induces parkinsonism in a primate. <i>Neuroscience Letters</i> , 1996, 217, 69-71.	2.1	64
63	1-Benzyl-1,2,3,4-tetrahydroisoquinoline as a Parkinsonism-Inducing Agent: A Novel Endogenous Amine in Mouse Brain and Parkinsonian CSF. <i>Journal of Neurochemistry</i> , 1995, 65, 2633-2638.	3.9	140
64	Trehalose decreases mRNA and protein expressions of c-Jun and JunB in human cervical cancer HeLa cells. <i>Journal of Biochemistry</i> , 0, , .	1.7	0