Satoshi Kawamura

List of Publications by Year in Descending Order

39 papers	686 citations	17 h-index	25 g-index
40 ext. papers	732 ext. citations	3.1 avg, IF	3.29 L-index

#	Paper	IF	Citations
39	Different effects of an N-phenylimide herbicide on heme biosynthesis between human and rat erythroid cells. *Reproductive Toxicology*, **2021**, 99, 27-38	3.4	5
38	Implications for the Predictivity of Cell-Based Developmental Toxicity Assays Developed Two Decades Apart. *Toxicological Research*, **2019**, 35, 343-351	3.7	1
37	Identification of Metabolism and Excretion Differences of Procymidone between Rats and Humans Using Chimeric Mice: Implications for Differential Developmental Toxicity. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 1955-1963	5.7	11
36	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. *Toxicology and Applied Pharmacology*, **2018**, 339, 34-41	4.6	6
35	Species differences in the developmental toxicity of procymidone-Placental transfer of procymidone in pregnant rats, rabbits, and monkeys. *Journal of Pesticide Sciences*, **2018**, 43, 79-87	2.7	6
34	Lack of human relevance for procymidone's developmental toxicity attributable to species difference in its kinetics and metabolism. *Journal of Pesticide Sciences*, **2018**, 43, 114-123	2.7	8
33	An Evaluation of the Human Relevance of the Lung Tumors Observed in Female Mice Treated With Permethrin Based on Mode of Action. *Toxicological Sciences*, **2017**, 157, 465-486	4.4	18
32	Editor's Highlight: Mode of Action Analysis for Rat Hepatocellular Tumors Produced by the Synthetic Pyrethroid Momfluorothrin: Evidence for Activation of the Constitutive Androstane Receptor and Mitogenicity in Rat Hepatocytes. *Toxicological Sciences*, **2017**, 158, 412-430	4.4	14
31	Evaluation of the human relevance of the constitutive androstane receptor-mediated mode of action for rat hepatocellular tumor formation by the synthetic pyrethroid momfluorothrin. *Journal of Toxicological Sciences*, **2017**, 42, 773-788	1.9	17
30	Mechanism of Developmental Effects in Rats Caused by an N-Phenylimide Herbicide: Transient Fetal Anemia and Sequelae during Mid-to-Late Gestation. *Birth Defects Research Part B: Developmental and Reproductive Toxicology*, **2016**, 107, 45-59		6
29	Lack of effect of metofluthrin and sodium phenobarbital on replicative DNA synthesis and Ki-67 mRNA expression in cultured human hepatocytes. *Toxicology Research*, **2015**, 4, 901-913	2.6	18
28	Species differences in the developmental toxicity of procymidone. *Journal of Pesticide Sciences*, **2015**, 40, 111-123	2.7	6
27	Human hepatocytes support the hypertrophic but not the hyperplastic response to the murine nongenotoxic hepatocarcinogen sodium phenobarbital in an in vivo study using a chimeric mouse with humanized liver. *Toxicological Sciences*, **2014**, 142, 137-57	4.4	56
26	Effect of simultaneous exposure to mixture of two skin sensitizers on skin sensitization response in guinea pigs and mice. *Journal of Toxicological Sciences*, **2014**, 39, 163-71	1.9	3
25	Close link between protoporphyrin IX accumulation and developmental toxicity induced by N-phenylimide herbicides in rats. *Birth Defects Research Part B: Developmental and Reproductive Toxicology*, **2014**, 101, 429-37		9
24	Dermal developmental toxicity of N-phenylimide herbicides in rats. *Birth Defects Research Part B: Developmental and Reproductive Toxicology*, **2014**, 101, 162-7		6
23	Difference in developmental toxicity among structurally similar N-phenylimide herbicides in rats and rabbits. *Birth Defects Research Part B: Developmental and Reproductive Toxicology*, **2013**, 98, 437-44		7

22	Metabolomic and transcriptomic profiling of human K-ras oncogene transgenic rats with pancreatic ductal adenocarcinomas. *Carcinogenesis*, **2013**, 34, 1251-9	4.6	24
21	Twenty-one proteins up-regulated in human H-ras oncogene transgenic rat pancreas cancers are up-regulated in human pancreas cancer. *Pancreas*, **2013**, 42, 1034-9	2.6	5
20	Mammal toxicology of synthetic pyrethroids. *Topics in Current Chemistry*, **2012**, 314, 83-111		21
19	Circulating microRNAs in serum of human K-ras oncogene transgenic rats with pancreatic ductal adenocarcinomas. *Pancreas*, **2012**, 41, 1013-8	2.6	42
18	Bcl-xL and Mcl-1 are involved in prevention of in vitro apoptosis in rat late-stage erythroblasts derived from bone marrow. *Journal of Toxicological Sciences*, **2012**, 37, 23-31	1.9	7
17	A simple method for enrichment of polychromatic erythroblasts from rat bone marrow, and their proliferation and maturation in vitro. *Journal of Toxicological Sciences*, **2011**, 36, 435-44	1.9	2
16	Well-differentiated teratoma in a mouse uterus. *Toxicologic Pathology*, **2011**, 39, 901-4	2.1	
15	New method for detecting antiandrogenic effects through the measurement of external genitalia in rabbits. *Congenital Anomalies (discontinued)*, **2010**, 50, 52-7	1.1	1
14	Maternal exposure to procymidone has no effects on fetal external genitalia development in male rabbit fetuses in a modified developmental toxicity study. *Journal of Toxicological Sciences*, **2010**, 35, 299-307	1.9	3
13	Maternal exposure to anti-androgenic compounds, vinclozolin, flutamide and procymidone, has no effects on spermatogenesis and DNA methylation in male rats of subsequent generations. *Toxicology and Applied Pharmacology*, **2009**, 237, 178-87	4.6	69
12	Comparison of the effects of the synthetic pyrethroid Metofluthrin and phenobarbital on CYP2B form induction and replicative DNA synthesis in cultured rat and human hepatocytes. *Toxicology*, **2009**, 258, 64-9	4.4	43
11	Mode of action analysis for the synthetic pyrethroid metofluthrin-induced rat liver tumors: evidence for hepatic CYP2B induction and hepatocyte proliferation. *Toxicological Sciences*, **2009**, 108, 69-80	4.4	58
10	Metabolism of procymidone derivatives in female rats. *Journal of Agricultural and Food Chemistry*, **2009**, 57, 10883-8	5.7	8
9	Functional genomics may allow accurate categorization of the benzimidazole fungicide benomyl: lack of ability to act via steroid-receptor-mediated mechanisms. *Toxicology and Applied Pharmacology*, **2005**, 205, 11-30	4.6	21
8	Enhanced rat Hershberger assay appears reliable for detection of not only (anti-)androgenic chemicals but also thyroid hormone modulators. *Toxicological Sciences*, **2004**, 79, 64-74	4.4	19
7	Lack of estrogenic or (anti-)androgenic effects of d-phenothrin in the uterotrophic and Hershberger assays. *Toxicology*, **2003**, 186, 227-39	4.4	18
6	Application of computer-assisted sperm analysis system to elucidate lack of effects of cyclophosphamide on rat epididymal sperm motion. *Journal of Toxicological Sciences*, **2001**, 26, 75-83	1.9	23
5	Species difference in protoporphyrin IX accumulation produced by an N-phenylimide herbicide in embryos between rats and rabbits. *Toxicology and Applied Pharmacology*, **1996**, 141, 520-5	4.6	23

4	Histological changes in rat embryonic blood cells as a possible mechanism for ventricular septal defects produced by an N-phenylimide herbicide. *Teratology*, **1996**, 54, 237-44		24
3	Collaborative assessment of optimal administration period and parameters to detect effects on male fertility in the rat: effects of cyclophosphamide on the male reproductive system. *Journal of Toxicological Sciences*, **1995**, 20, 239-49	1.9	17
2	Species Difference in Developmental Toxicity of an N-Phenylimide Herbicide between Rats and Rabbits and Sensitive Period of the Toxicity to Rat Embryos. *Congenital Anomalies (discontinued)*, **1995**, 35, 123-132	1.1	28
1	Bone-Staining Technique for Fetal Rat Specimens without Skinning and Removing Adipose Tissue. *Congenital Anomalies (discontinued)*, **1990**, 30, 93-95	1.1	33