

Satoshi Kawamura

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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, 178-87	4.6	69
38	Mode of action analysis for the synthetic pyrethroid metofluthrin-induced rat liver tumors: evidence for hepatic CYP2B induction and hepatocyte proliferation. <i>Toxicological Sciences</i> , 2009 , 108, 69-80	4.4	58
37	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. <i>Toxicological Sciences</i> , 2014 , 142, 137-57	4.4	56
36	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. <i>Toxicology</i> , 2009 , 258, 64-9	4.4	43
35	Circulating microRNAs in serum of human K-ras oncogene transgenic rats with pancreatic ductal adenocarcinomas. <i>Pancreas</i> , 2012 , 41, 1013-8	2.6	42
34	Bone-Staining Technique for Fetal Rat Specimens without Skinning and Removing Adipose Tissue. <i>Congenital Anomalies (discontinued)</i> , 1990 , 30, 93-95	1.1	33
33	Species Difference in Developmental Toxicity of an N-Phenylimide Herbicide between Rats and Rabbits and Sensitive Period of the Toxicity to Rat Embryos. <i>Congenital Anomalies (discontinued)</i> , 1995 , 35, 123-132	1.1	28
32	Metabolomic and transcriptomic profiling of human K-ras oncogene transgenic rats with pancreatic ductal adenocarcinomas. <i>Carcinogenesis</i> , 2013 , 34, 1251-9	4.6	24
31	Histological changes in rat embryonic blood cells as a possible mechanism for ventricular septal defects produced by an N-phenylimide herbicide. <i>Teratology</i> , 1996 , 54, 237-44		24
30	Application of computer-assisted sperm analysis system to elucidate lack of effects of cyclophosphamide on rat epididymal sperm motion. <i>Journal of Toxicological Sciences</i> , 2001 , 26, 75-83	1.9	23
29	Species difference in protoporphyrin IX accumulation produced by an N-phenylimide herbicide in embryos between rats and rabbits. <i>Toxicology and Applied Pharmacology</i> , 1996 , 141, 520-5	4.6	23
28	Mammal toxicology of synthetic pyrethroids. <i>Topics in Current Chemistry</i> , 2012 , 314, 83-111		21
27	Functional genomics may allow accurate categorization of the benzimidazole fungicide benomyl: lack of ability to act via steroid-receptor-mediated mechanisms. <i>Toxicology and Applied Pharmacology</i> , 2005 , 205, 11-30	4.6	21
26	Enhanced rat Hershberger assay appears reliable for detection of not only (anti-)androgenic chemicals but also thyroid hormone modulators. <i>Toxicological Sciences</i> , 2004 , 79, 64-74	4.4	19
25	An Evaluation of the Human Relevance of the Lung Tumors Observed in Female Mice Treated With Permethrin Based on Mode of Action. <i>Toxicological Sciences</i> , 2017 , 157, 465-486	4.4	18
24	Lack of effect of metofluthrin and sodium phenobarbital on replicative DNA synthesis and Ki-67 mRNA expression in cultured human hepatocytes. <i>Toxicology Research</i> , 2015 , 4, 901-913	2.6	18
23	Lack of estrogenic or (anti-)androgenic effects of d-phenothrin in the uterotrophic and Hershberger assays. <i>Toxicology</i> , 2003 , 186, 227-39	4.4	18

22	Evaluation of the human relevance of the constitutive androstane receptor-mediated mode of action for rat hepatocellular tumor formation by the synthetic pyrethroid momfluorothrin. <i>Journal of Toxicological Sciences</i> , 2017 , 42, 773-788	1.9	17
21	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. <i>Journal of Toxicological Sciences</i> , 1995 , 20, 239-49	1.9	17
20	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. <i>Toxicological Sciences</i> , 2017 , 158, 412-430	4.4	14
19	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	5.7	11
18	Close link between protoporphyrin IX accumulation and developmental toxicity induced by N-phenylimide herbicides in rats. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2014 , 101, 429-37		9
17	Metabolism of procymidone derivatives in female rats. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 10883-8	5.7	8
16	Lack of human relevance for procymidone's developmental toxicity attributable to species difference in its kinetics and metabolism. <i>Journal of Pesticide Sciences</i> , 2018 , 43, 114-123	2.7	8
15	Difference in developmental toxicity among structurally similar N-phenylimide herbicides in rats and rabbits. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2013 , 98, 437-44		7
14	Bcl-xL and Mcl-1 are involved in prevention of in vitro apoptosis in rat late-stage erythroblasts derived from bone marrow. <i>Journal of Toxicological Sciences</i> , 2012 , 37, 23-31	1.9	7
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	4.6	6
12	Mechanism of Developmental Effects in Rats Caused by an N-Phenylimide Herbicide: Transient Fetal Anemia and Sequelae during Mid-to-Late Gestation. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2016 , 107, 45-59		6
11	Species differences in the developmental toxicity of procymidone. <i>Journal of Pesticide Sciences</i> , 2015 , 40, 111-123	2.7	6
10	Dermal developmental toxicity of N-phenylimide herbicides in rats. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2014 , 101, 162-7		6
9	Species differences in the developmental toxicity of procymidone-Placental transfer of procymidone in pregnant rats, rabbits, and monkeys. <i>Journal of Pesticide Sciences</i> , 2018 , 43, 79-87	2.7	6
8	Twenty-one proteins up-regulated in human H-ras oncogene transgenic rat pancreas cancers are up-regulated in human pancreas cancer. <i>Pancreas</i> , 2013 , 42, 1034-9	2.6	5
7	Different effects of an N-phenylimide herbicide on heme biosynthesis between human and rat erythroid cells. <i>Reproductive Toxicology</i> , 2021 , 99, 27-38	3.4	5
6	Effect of simultaneous exposure to mixture of two skin sensitizers on skin sensitization response in guinea pigs and mice. <i>Journal of Toxicological Sciences</i> , 2014 , 39, 163-71	1.9	3
5	Maternal exposure to procymidone has no effects on fetal external genitalia development in male rabbit fetuses in a modified developmental toxicity study. <i>Journal of Toxicological Sciences</i> , 2010 , 35, 299-307	1.9	3

4	A simple method for enrichment of polychromatic erythroblasts from rat bone marrow, and their proliferation and maturation in vitro. <i>Journal of Toxicological Sciences</i> , 2011 , 36, 435-44	1.9	2
3	New method for detecting antiandrogenic effects through the measurement of external genitalia in rabbits. <i>Congenital Anomalies (discontinued)</i> , 2010 , 50, 52-7	1.1	1
2	Implications for the Predictivity of Cell-Based Developmental Toxicity Assays Developed Two Decades Apart. <i>Toxicological Research</i> , 2019 , 35, 343-351	3.7	1
1	Well-differentiated teratoma in a mouse uterus. <i>Toxicologic Pathology</i> , 2011 , 39, 901-4	2.1	