

Satoshi Kawamura

List of Publications by Year in descending order

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39
papers

788
citations

430754

18
h-index

526166

27
g-index

40
all docs

40
docs citations

40
times ranked

695
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 178-187.	1.3	79
2	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, 137-157.	1.4	67
3	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.	1.4	62
4	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, 64-69.	2.0	48
5	Circulating MicroRNAs in Serum of Human K-ras Oncogene Transgenic Rats With Pancreatic Ductal Adenocarcinomas. <i>Pancreas</i> , 2012, 41, 1013-1018.	0.5	46
6	Bone-Staining Technique for Fetal Rat Specimens without Skinning and Removing Adipose Tissue. <i>Congenital Anomalies (discontinued)</i> , 1990, 30, 93-95.	0.3	45
7	Metabolomic and transcriptomic profiling of human K- ras oncogene transgenic rats with pancreatic ductal adenocarcinomas. <i>Carcinogenesis</i> , 2013, 34, 1251-1259.	1.3	36
8	Mammal Toxicology of Synthetic Pyrethroids. <i>Topics in Current Chemistry</i> , 2011, 314, 83-111.	4.0	29
9	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.	0.3	28
10	Histological changes in rat embryonic blood cells as a possible mechanism for ventricular septal defects produced by an N-phenylimide herbicide. , 1996, 54, 237-244.		27
11	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, 520-525.	1.3	24
12	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, 239-249.	0.7	23
13	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.	0.7	23
14	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.	1.3	23
15	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.	0.7	23
16	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.	1.4	21
17	Lack of estrogenic or (anti-)androgenic effects of d-phenothrin in the uterotrophic and Hershberger assays. <i>Toxicology</i> , 2003, 186, 227-239.	2.0	20
18	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.	1.4	20

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19	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.	0.9	19
20	Editorâ€™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.	1.4	14
21	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.	2.4	14
22	Metabolism of Procymidone Derivatives in Female Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10883-10888.	2.4	9
23	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.	0.7	9
24	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, 429-437.	1.4	9
25	Species differences in the developmental toxicity of procymidone. <i>Journal of Pesticide Sciences</i> , 2015, 40, 111-123.	0.8	8
26	Lack of human relevance for procymidoneâ€™s developmental toxicity attributable to species difference in its kinetics and metabolism. <i>Journal of Pesticide Sciences</i> , 2018, 43, 114-123.	0.8	8
27	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, 437-444.	1.4	7
28	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.	1.3	7
29	Species differences in the developmental toxicity of procymidoneâ€™ Placental transfer of procymidone in pregnant rats, rabbits, and monkeysâ€™. <i>Journal of Pesticide Sciences</i> , 2018, 43, 79-87.	0.8	7
30	Dermal Developmental Toxicity of N-Phenylimide Herbicides in Rats. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2014, 101, 162-167.	1.4	6
31	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.	1.4	6
32	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, 1034-1039.	0.5	5
33	Different effects of an N-phenylimide herbicide on heme biosynthesis between human and rat erythroid cells. <i>Reproductive Toxicology</i> , 2021, 99, 27-38.	1.3	5
34	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, 163-171.	0.7	4
35	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.	0.7	3
36	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, 435-444.	0.7	2

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37	New method for detecting antiandrogenic effects through the measurement of external genitalia in rabbits. <i>Congenital Anomalies (discontinued)</i> , 2010, 50, 52-57.	0.3	1
38	Implications for the Predictivity of Cell-Based Developmental Toxicity Assays Developed Two Decades Apart. <i>Toxicological Research</i> , 2019, 35, 343-351.	1.1	1
39	Well-Differentiated Teratoma in a Mouse Uterus. <i>Toxicologic Pathology</i> , 2011, 39, 901-904.	0.9	0