

Makoto Shibutani

List of Publications by Year in descending order

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Version: 2024-02-01

203
papers

3,526
citations

159585

30
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233421

45
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all docs

206
docs citations

206
times ranked

3323
citing authors

#	ARTICLE	IF	CITATIONS
1	Metronidazole enhances steatosis-related early-stage hepatocarcinogenesis in high fat diet-fed rats through DNA double-strand breaks and modulation of autophagy. <i>Environmental Science and Pollution Research</i> , 2022, 29, 779-789.	5.3	5
2	Gene expression profiles of multiple brain regions in rats differ between developmental and postpubertal exposure to valproic acid. <i>Journal of Applied Toxicology</i> , 2022, 42, 864-882.	2.8	1
3	Ameliorating effect of continuous alpha-glycosyl isoquercitrin treatment starting from late gestation in a rat autism model induced by postnatal injection of lipopolysaccharides. <i>Chemico-Biological Interactions</i> , 2022, 351, 109767.	4.0	11
4	Ectopically Localized Epithelial Cell Clumps in Ulcers Are Derived from Reserved Crypt Stem Cells in a Mouse Model of Ulcerative Colitis. <i>Digestive Diseases and Sciences</i> , 2022, , 1.	2.3	0
5	Oral exposure to aluminum chloride for 28 days suppresses neural stem cell proliferation and increases mature granule cells in adult hippocampal neurogenesis of young adult rats. <i>Journal of Applied Toxicology</i> , 2022, 42, 1337-1353.	2.8	1
6	Oral exposure to high-dose ethanol for 28 days in rats reduces neural stem cells and immediate nascent neural progenitor cells as well as FOS-expressing newborn granule cells in adult hippocampal neurogenesis. <i>Toxicology Letters</i> , 2022, 360, 20-32.	0.8	5
7	The potential of organoids in toxicologic pathology: role of toxicologic pathologists in <i>in vitro</i> chemical hepatotoxicity assessment. <i>Journal of Toxicologic Pathology</i> , 2022, 35, 225-235.	0.7	4
8	Inhibition of autophagy with expression of NADPH oxidase subunit p22phox in preneoplastic lesions in a high-fat diet and streptozotocin-related hepatocarcinogenesis rat model. <i>Journal of Toxicological Sciences</i> , 2022, 47, 289-300.	1.5	0
9	Continuous exposure to amorphous formula of curcumin from the developmental stage facilitates anti-anxiety-like behavior and fear-extinction learning in rats. <i>Nutrition Research</i> , 2021, 85, 99-118.	2.9	4
10	Identification of gene targets of developmental neurotoxicity focusing on DNA hypermethylation involved in irreversible disruption of hippocampal neurogenesis in rats. <i>Journal of Applied Toxicology</i> , 2021, 41, 1021-1037.	2.8	4
11	Squamous cell carcinoma in a digit of the hind limb with systemic metastasis in a 17-year-old female koala. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 994-996.	0.9	0
12	A 28-day repeated oral dose toxicity study of enniatin complex in mice. <i>Journal of Toxicological Sciences</i> , 2021, 46, 157-165.	1.5	2
13	Development of a new <i>in vitro</i> assay system for evaluating the effects of chemicals on DNA methylation. <i>Journal of Toxicological Sciences</i> , 2021, 46, 83-90.	1.5	0
14	Anti-tumor effect of trametinib in bladder cancer organoid and the underlying mechanism. <i>Cancer Biology and Therapy</i> , 2021, 22, 357-371.	3.4	27
15	Induction of cellular senescence as a late effect and BDNF-TrkB signaling-mediated ameliorating effect on disruption of hippocampal neurogenesis after developmental exposure to lead acetate in rats. <i>Toxicology</i> , 2021, 456, 152782.	4.2	8
16	Chromosome aberrations induced by the non-mutagenic carcinogen acetamide involve in rat hepatocarcinogenesis through micronucleus formation in hepatocytes. <i>Archives of Toxicology</i> , 2021, 95, 2851-2865.	4.2	4
17	Ectopic Splenic Adenocarcinoma in a Dog. <i>Journal of Comparative Pathology</i> , 2021, 187, 2-6.	0.4	1
18	Anti-cancer activity of amorphous curcumin preparation in patient-derived colorectal cancer organoids. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112043.	5.6	29

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19	Aberrant neurogenesis and late onset suppression of synaptic plasticity as well as sustained neuroinflammation in the hippocampal dentate gyrus after developmental exposure to ethanol in rats. <i>Toxicology</i> , 2021, 462, 152958.	4.2	5
20	Disruption of postnatal neurogenesis and adult-stage suppression of synaptic plasticity in the hippocampal dentate gyrus after developmental exposure to sterigmatocystin in rats. <i>Toxicology Letters</i> , 2021, 349, 69-83.	0.8	2
21	Leptospirosis meningoencephalitis in a raccoon dog. <i>Journal of Veterinary Diagnostic Investigation</i> , 2021, 33, 1137-1141.	1.1	1
22	Establishment of Intestinal Organoid from <i>Rousettus leschenaultii</i> and the Susceptibility to Bat-Associated Viruses, SARS-CoV-2 and Pteropine Orthoreovirus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10763.	4.1	14
23	Developmental exposure to diacetoxyscirpenol reversibly disrupts hippocampal neurogenesis by inducing oxidative cellular injury and suppressed differentiation of granule cell lineages in mice. <i>Food and Chemical Toxicology</i> , 2020, 136, 111046.	3.6	5
24	Lack of In Vivo Mutagenicity of Acetamide in a 13-Week Comprehensive Toxicity Study Using F344 gpt Delta Rats. <i>Toxicological Sciences</i> , 2020, 177, 431-440.	3.1	5
25	Downregulation of low-density lipoprotein receptor class A domain-containing protein 4 (<i>Ldlrad4</i>) in the liver of rats treated with nongenotoxic hepatocarcinogen to induce transforming growth factor β^2 signaling promoting cell proliferation and suppressing apoptosis in early hepatocarcinogenesis. <i>Journal of Applied Toxicology</i> , 2020, 40, 1467-1479.	2.8	1
26	Proliferative and Nonproliferative Lesions of the Rat and Mouse Central and Peripheral Nervous Systems: New and Revised INHAND Terms. <i>Toxicologic Pathology</i> , 2020, 48, 827-844.	1.8	18
27	Establishment of 2.5D organoid culture model using 3D bladder cancer organoid culture. <i>Scientific Reports</i> , 2020, 10, 9393.	3.3	32
28	Efficacy of primary liver organoid culture from different stages of non-alcoholic steatohepatitis (NASH) mouse model. <i>Biomaterials</i> , 2020, 237, 119823.	11.4	50
29	Continuous exposure to β -glycosyl isoquercitrin from developmental stages to adulthood is necessary for facilitating fear extinction learning in rats. <i>Journal of Toxicologic Pathology</i> , 2020, 33, 247-263.	0.7	8
30	Lack of combined effect of continuous exposure to β -glycosyl isoquercitrin from fetal stages to adulthood and voluntary exercise or environmental enrichment on learning and behaviors in rats. <i>Fundamental Toxicological Sciences</i> , 2020, 7, 241-248.	0.6	1
31	Immunohistochemical expression of autophagosome markers LC3 and p62 in preneoplastic liver foci in high fat diet-fed rats. <i>Journal of Toxicological Sciences</i> , 2019, 44, 565-574.	1.5	5
32	Lack of preventive effect of maternal exposure to β -glycosyl isoquercitrin and β -lipoic acid on developmental hypothyroidism-induced aberrations of hippocampal neurogenesis in rat offspring. <i>Journal of Toxicologic Pathology</i> , 2019, 32, 165-180.	0.7	3
33	Establishment of a novel experimental model for muscle-invasive bladder cancer using a dog bladder cancer organoid culture. <i>Cancer Science</i> , 2019, 110, 2806-2821.	3.9	75
34	Twenty-eight-day repeated oral doses of sodium valproic acid increases neural stem cells and suppresses differentiation of granule cell lineages in adult hippocampal neurogenesis of postpubertal rats. <i>Toxicology Letters</i> , 2019, 312, 195-203.	0.8	11
35	Ameliorating effect of postweaning exposure to antioxidant on disruption of hippocampal neurogenesis induced by developmental hypothyroidism in rats. <i>Journal of Toxicological Sciences</i> , 2019, 44, 357-372.	1.5	21
36	Continuous exposure to β -glycosyl isoquercitrin from developmental stage facilitates fear extinction learning in rats. <i>Journal of Functional Foods</i> , 2019, 55, 312-324.	3.4	14

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37	Aberrant epigenetic gene regulation in hippocampal neurogenesis of mouse offspring following maternal exposure to 3,3'-iminodipropionitrile. <i>Journal of Toxicological Sciences</i> , 2019, 44, 93-105.	1.5	3
38	Expression Characteristics of Genes Hypermethylated and Downregulated in Rat Liver Specific to Nongenotoxic Hepatocarcinogens. <i>Toxicological Sciences</i> , 2019, 169, 122-136.	3.1	6
39	Clinical and pathological characteristics of acute myelogenous leukemia in a female koala with diabetes mellitus. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 1229-1233.	0.9	4
40	Extraskelatal chondrosarcoma in the abdominal cavity of a cow. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 1749-1752.	0.9	2
41	Differential responses on energy metabolic pathway reprogramming between genotoxic and non-genotoxic hepatocarcinogens in rat liver cells. <i>Journal of Toxicologic Pathology</i> , 2019, 32, 261-274.	0.7	2
42	Developmental Exposure of Mice to T-2 Toxin Increases Astrocytes and Hippocampal Neural Stem Cells Expressing Metallothionein. <i>Neurotoxicity Research</i> , 2019, 35, 668-683.	2.7	12
43	Fluorescence tumor imaging by i.v. administered indocyanine green in a mouse model of colitis-associated colon cancer. <i>Cancer Science</i> , 2018, 109, 1638-1647.	3.9	15
44	Developmental Exposure to Aluminum Chloride Irreversibly Affects Postnatal Hippocampal Neurogenesis Involving Multiple Functions in Mice. <i>Toxicological Sciences</i> , 2018, 164, 264-277.	3.1	12
45	Aberrant Epigenetic Gene Regulation in GABAergic Interneuron Subpopulations in the Hippocampal Dentate Gyrus of Mouse Offspring Following Developmental Exposure to Hexachlorophene. <i>Toxicological Sciences</i> , 2018, 163, 13-25.	3.1	6
46	Paradoxical development of polymyositis-like autoimmunity through augmented expression of autoimmune regulator (AIRE). <i>Journal of Autoimmunity</i> , 2018, 86, 75-92.	6.5	26
47	A case of rapid recurrence of apocrine ductal carcinoma originating from the oral scent gland of a Richardson's ground squirrel (<i>Urocyon richardsonii</i>). <i>Journal of Toxicologic Pathology</i> , 2018, 31, 189-193.	0.7	2
48	Choroid plexus carcinoma with neuronal and glial differentiation in a 7-week-old male Sprague-Dawley rat. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 611-615.	0.9	1
49	Development of an Anti-Adhesive Membrane for Use in Video-Assisted Thoracic Surgery. <i>International Journal of Medical Sciences</i> , 2018, 15, 689-695.	2.5	5
50	Differential impacts of mineralocorticoid receptor antagonist potassium canrenoate on liver and renal changes in high fat diet-mediated early hepatocarcinogenesis model rats. <i>Journal of Toxicological Sciences</i> , 2018, 43, 611-621.	1.5	6
51	Spirolactone in Combination with β -glycosyl Isoquercitrin Prevents Steatosis-related Early Hepatocarcinogenesis in Rats through the Observed NADPH Oxidase Modulation. <i>Toxicologic Pathology</i> , 2018, 46, 530-539.	1.8	8
52	Acute renal failure in an adult cat following oral administration of fosfomycin. <i>Journal of Feline Medicine and Surgery Open Reports</i> , 2018, 4, 205511691878660.	0.2	1
53	Intermediate-grade mammary gland adenocarcinoma in an 18-year-old female black leopard (<i>Panthera pardus</i>) with acute pancreatic necrosis and chronic interstitial nephropathy. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 337-340.	0.9	2
54	Developmental exposure of citreoviridin transiently affects hippocampal neurogenesis targeting multiple regulatory functions in mice. <i>Food and Chemical Toxicology</i> , 2018, 120, 590-602.	3.6	10

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55	Derivation of acceptable daily exposure value for alanine, <i>N,N</i> -bis(carboxymethyl)-, trisodium salt. <i>Fundamental Toxicological Sciences</i> , 2018, 5, 167-170.	0.6	0
56	Lack of genotoxic mechanisms in early-stage furan-induced hepatocellular tumorigenesis in δ rats. <i>Journal of Applied Toxicology</i> , 2017, 37, 142-149.	2.8	17
57	Anti-inflammatory effects of the selective phosphodiesterase 3 inhibitor, cilostazol, and antioxidants, enzymatically-modified isoquercitrin and \pm -lipoic acid, reduce dextran sulphate sodium-induced colorectal mucosal injury in mice. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 179-186.	2.1	27
58	Late Effect of Developmental Exposure to 3- β -iminodipropionitrile on Neurogenesis in the Hippocampal Dentate Gyrus of Mice. <i>Neurotoxicity Research</i> , 2017, 32, 27-40.	2.7	1
59	Late effect of developmental exposure to glycidol on hippocampal neurogenesis in mice: Loss of parvalbumin-expressing interneurons. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 517-526.	2.1	3
60	Expression of A-kinase anchor protein 13 and Rho-associated coiled-coil containing protein kinase in restituted and regenerated mucosal epithelial cells following mucosal injury and colorectal cancer cells in mouse models. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 443-450.	2.1	1
61	Suppression of epithelial restitution using an inhibitor against Rho-associated coiled-coil containing protein kinase aggravates colitis through reduced epithelial expression of A-kinase anchor protein 13. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 557-563.	2.1	2
62	Japan Flavour and Fragrance Materials Association's (JFFMA) safety assessment of food-flavouring substances uniquely used in Japan that belong to the class of aliphatic primary alcohols, aldehydes, carboxylic acids, acetals and esters containing additional oxygenated functional groups. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017, 34, 1474-1484.	2.3	2
63	β -catenin Mutations Are Not Involved in Early-stage Hepatocarcinogenesis Induced by Protoporphyrinogen Oxidase Inhibitors in Mice. <i>Toxicologic Pathology</i> , 2017, 45, 493-505.	1.8	1
64	Identification of epigenetically downregulated Tmem70 and Ube2e2 in rat liver after 28-day treatment with hepatocarcinogenic thioacetamide showing gene product downregulation in hepatocellular preneoplastic and neoplastic lesions produced by tumor promotion. <i>Toxicology Letters</i> , 2017, 266, 13-22.	0.8	10
65	Cilostazol and enzymatically modified isoquercitrin attenuate experimental colitis and colon cancer in mice by inhibiting cell proliferation and inflammation. <i>Food and Chemical Toxicology</i> , 2017, 100, 103-114.	3.6	24
66	Downregulation of UBE2E2 in rat liver cells after hepatocarcinogen treatment facilitates cell proliferation and slowing down of DNA damage response in GST-P-expressing preneoplastic lesions. <i>Toxicology and Applied Pharmacology</i> , 2017, 334, 207-216.	2.8	3
67	Molecular imaging of aberrant crypt foci in the human colon targeting glutathione S-transferase P1-1. <i>Scientific Reports</i> , 2017, 7, 6536.	3.3	16
68	Differential effects between developmental and postpubertal exposure to N-methyl-N-nitrosourea on progenitor cell proliferation of rat hippocampal neurogenesis in relation to COX2 expression in granule cells. <i>Toxicology</i> , 2017, 389, 55-66.	4.2	14
69	Downregulation of TMEM70 in Rat Liver Cells After Hepatocarcinogen Treatment Related to the Warburg Effect in Hepatocarcinogenesis Producing GST-P-Expressing Proliferative Lesions. <i>Toxicological Sciences</i> , 2017, 159, 211-223.	3.1	4
70	Maternal Exposure to Valproic Acid Primarily Targets Interneurons Followed by Late Effects on Neurogenesis in the Hippocampal Dentate Gyrus in Rat Offspring. <i>Neurotoxicity Research</i> , 2017, 31, 46-62.	2.7	24
71	Apocynin and enzymatically modified isoquercitrin suppress the expression of a NADPH oxidase subunit p22phox in steatosis-related preneoplastic liver foci of rats. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 9-16.	2.1	17
72	Endometrial adenocarcinoma with choriocarcinomatous differentiation in the uterus of a goat. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 1091-1095.	0.9	4

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73	Clinical and pathological features and outcome of bilateral incidental adrenocortical carcinomas in a dog. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 1489-1493.	0.9	2
74	Î±-Lipoic acid potentially targets AMP-activated protein kinase and energy production in the fetal brain to ameliorate dioxin-produced attenuation in fetal steroidogenesis. <i>Journal of Toxicological Sciences</i> , 2017, 42, 13-23.	1.5	7
75	Fluorescence contrast-enhanced proliferative lesion imaging by enema administration of indocyanine green in a rat model of colon carcinogenesis. <i>Oncotarget</i> , 2017, 8, 90278-90290.	1.8	13
76	Identification of 5-hydroxytryptamine-producing cells by detection of fluorescence in paraffin-embedded tissue sections. <i>European Journal of Histochemistry</i> , 2016, 60, 2684.	1.5	4
77	Preferential tumor cellular uptake and retention of indocyanine green for <i>in vivo</i> tumor imaging. <i>International Journal of Cancer</i> , 2016, 139, 673-682.	5.1	88
78	Disruption of spindle checkpoint function in rats following 28 days of repeated administration of renal carcinogens. <i>Journal of Toxicological Sciences</i> , 2016, 41, 91-104.	1.5	3
79	Canine mammary minute oncocytomas with neuroendocrine differentiation associated with multifocal acinar cell oncocytic metaplasia. <i>Journal of Veterinary Diagnostic Investigation</i> , 2016, 28, 722-728.	1.1	2
80	Maternal exposure to ochratoxin A targets intermediate progenitor cells of hippocampal neurogenesis in rat offspring via cholinergic signal downregulation and oxidative stress responses. <i>Reproductive Toxicology</i> , 2016, 65, 113-122.	2.9	10
81	Global gene expression profiles in brain regions reflecting abnormal neuronal and glial functions targeting myelin sheaths after 28-day exposure to cuprizone in rats. <i>Toxicology and Applied Pharmacology</i> , 2016, 310, 20-31.	2.8	1
82	Immunohistochemistry of aberrant neuronal development induced by 6-propyl-2-thiouracil in rats. <i>Toxicology Letters</i> , 2016, 261, 59-71.	0.8	12
83	Aberrant cell cycle regulation in rat liver cells induced by post-initiation treatment with hepatocarcinogens/hepatocarcinogenic tumor promoters. <i>Experimental and Toxicologic Pathology</i> , 2016, 68, 399-408.	2.1	3
84	Maternal exposure to hexachlorophene targets intermediate-stage progenitor cells in the hippocampal neurogenesis involving myelin vacuolation of cholinergic and glutamatergic inputs in mice. <i>Journal of Applied Toxicology</i> , 2016, 36, 211-222.	2.8	3
85	Onset of hepatocarcinogen-specific cell proliferation and cell cycle aberration during the early stage of repeated hepatocarcinogen administration in rats. <i>Journal of Applied Toxicology</i> , 2016, 36, 223-237.	2.8	14
86	Involvement of Mouse Constitutive Androstane Receptor in Acifluorfen-Induced Liver Injury and Subsequent Tumor Development. <i>Toxicological Sciences</i> , 2016, 151, 271-285.	3.1	8
87	Developmental cuprizone exposure impairs oligodendrocyte lineages differentially in cortical and white matter tissues and suppresses glutamatergic neurogenesis signals and synaptic plasticity in the hippocampal dentate gyrus of rats. <i>Toxicology and Applied Pharmacology</i> , 2016, 290, 10-20.	2.8	19
88	Developmental exposure to T-2 toxin reversibly affects postnatal hippocampal neurogenesis and reduces neural stem cells and progenitor cells in mice. <i>Archives of Toxicology</i> , 2016, 90, 2009-2024.	4.2	20
89	Gene expression profiling of the hippocampal dentate gyrus in an adult toxicity study captures a variety of neurodevelopmental dysfunctions in rat models of hypothyroidism. <i>Journal of Applied Toxicology</i> , 2016, 36, 24-34.	2.8	12
90	Disruption of spindle checkpoint function ahead of facilitation of cell proliferation by repeated administration of hepatocarcinogens in rats. <i>Journal of Toxicological Sciences</i> , 2015, 40, 855-871.	1.5	6

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91	Exposure to MnCl ₂ •4H ₂ O during development induces activation of microglial and perivascular macrophage populations in the hippocampal dentate gyrus of rats. <i>Journal of Applied Toxicology</i> , 2015, 35, 529-535.	2.8	8
92	Hippocampal Neurogenesis as a Critical Target of Neurotoxicants Contained in Foods. <i>Food Safety (Tokyo, Japan)</i> , 2015, 3, 1-15.	1.8	20
93	Maternal exposure to hexachlorophene targets intermediate-stage progenitor cells of the hippocampal neurogenesis in rat offspring via dysfunction of cholinergic inputs by myelin vacuolation. <i>Toxicology</i> , 2015, 328, 123-134.	4.2	16
94	Role of p53 in the Progression from Ochratoxin A-Induced DNA Damage to Gene Mutations in the Kidneys of Mice. <i>Toxicological Sciences</i> , 2015, 144, 65-76.	3.1	29
95	Developmental Hypothyroidism Abolishes Bilateral Differences in Sonic Hedgehog Gene Control in the Rat Hippocampal Dentate Gyrus. <i>Toxicological Sciences</i> , 2015, 144, 128-137.	3.1	2
96	The Japan Flavour and Fragrance Materials Association's (JFFMA) safety assessment of acetal food flavouring substances uniquely used in Japan. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 1384-1396.	2.3	9
97	Cuprizone decreases intermediate and late-stage progenitor cells in hippocampal neurogenesis of rats in a framework of 28-day oral dose toxicity study. <i>Toxicology and Applied Pharmacology</i> , 2015, 287, 210-221.	2.8	26
98	Induction of duodenal mucosal tumors of intestinal epithelial cell origin showing frequent nuclear β -catenin accumulation similar to the concurrently induced colorectal tumors in rats after treatment with azoxymethane. <i>Experimental and Toxicologic Pathology</i> , 2015, 67, 349-353.	2.1	3
99	Developmental exposure to cuprizone reduces intermediate-stage progenitor cells and cholinergic signals in the hippocampal neurogenesis in rat offspring. <i>Toxicology Letters</i> , 2015, 234, 180-193.	0.8	10
100	Relationship between brain accumulation of manganese and aberration of hippocampal adult neurogenesis after oral exposure to manganese chloride in mice. <i>Toxicology</i> , 2015, 331, 24-34.	4.2	26
101	Developmental exposure of aflatoxin B1 reversibly affects hippocampal neurogenesis targeting late-stage neural progenitor cells through suppression of cholinergic signaling in rats. <i>Toxicology</i> , 2015, 336, 59-69.	4.2	27
102	Maternal exposure to 3,3'-iminodipropionitrile targets late-stage differentiation of hippocampal granule cell lineages to affect brain-derived neurotrophic factor signaling and interneuron subpopulations in rat offspring. <i>Journal of Applied Toxicology</i> , 2015, 35, 884-894.	2.8	6
103	Promoter-region hypermethylation and expression downregulation of Yy1 (Yin yang 1) in preneoplastic liver lesions in a thioacetamide rat hepatocarcinogenesis model. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 467-474.	2.8	7
104	Immunohistochemical characterization of multicentric hepatocholangiocellular adenoma in a pig. <i>Journal of Veterinary Diagnostic Investigation</i> , 2014, 26, 448-452.	1.1	1
105	Glycidol induces axonopathy and aberrations of hippocampal neurogenesis affecting late-stage differentiation by exposure to rats in a framework of 28-day toxicity study. <i>Toxicology Letters</i> , 2014, 224, 424-432.	0.8	19
106	Transient suppression of late-stage neuronal progenitor cell differentiation in the hippocampal dentate gyrus of rat offspring after maternal exposure to nicotine. <i>Archives of Toxicology</i> , 2014, 88, 443-454.	4.2	12
107	Tumor suppression effects of bilberry extracts and enzymatically modified isoquercitrin in early preneoplastic liver cell lesions induced by piperonyl butoxide promotion in a two-stage rat hepatocarcinogenesis model. <i>Experimental and Toxicologic Pathology</i> , 2014, 66, 225-234.	2.1	25
108	Ochratoxin A induces karyomegaly and cell cycle aberrations in renal tubular cells without relation to induction of oxidative stress responses in rats. <i>Toxicology Letters</i> , 2014, 224, 64-72.	0.8	34

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109	Expression alterations of genes on both neuronal and glial development in rats after developmental exposure to 6-propyl-2-thiouracil. <i>Toxicology Letters</i> , 2014, 228, 225-234.	0.8	25
110	Maternal single injection of N-methyl-N-nitrosourea to cause microcephaly in offspring induces transient aberration of hippocampal neurogenesis in mice. <i>Toxicology Letters</i> , 2014, 226, 20-27.	0.8	5
111	The JFFMA assessment of flavoring substances structurally related to menthol and uniquely used in Japan. <i>Food and Chemical Toxicology</i> , 2014, 64, 314-321.	3.6	3
112	Immunohistochemical cellular distribution of proteins related to M phase regulation in early proliferative lesions induced by tumor promotion in rat two-stage carcinogenesis models. <i>Experimental and Toxicologic Pathology</i> , 2014, 66, 1-11.	2.1	8
113	Downregulation of immediate-early genes linking to suppression of neuronal plasticity in rats after 28-day exposure to glycidol. <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 150-162.	2.8	13
114	N-Methyl-N-nitrosourea during late gestation results in concomitant but reversible progenitor cell reduction and delayed neurogenesis in the hippocampus of rats. <i>Toxicology Letters</i> , 2014, 226, 285-293.	0.8	7
115	Gene expression profile of brain regions reflecting aberrations in nervous system development targeting the process of neurite extension of rat offspring exposed developmentally to glycidol. <i>Journal of Applied Toxicology</i> , 2014, 34, 1389-1399.	2.8	16
116	Direct progression of capsular invasive carcinomas from subcapsular focal hyperplasias induced by hypothyroidism-mediated tumor promotion in a rat two-stage thyroid carcinogenesis model. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013, 139, 395-401.	2.5	0
117	In Vivo Imaging of Tissue-Remodeling Activity Involving Infiltration of Macrophages by a Systemically Administered Protease-Activatable Probe in Colon Cancer Tissues. <i>Translational Oncology</i> , 2013, 6, 628-IN4.	3.7	23
118	Global DNA methylation screening of liver in piperonyl butoxide-treated mice in a two-stage hepatocarcinogenesis model. <i>Toxicology Letters</i> , 2013, 222, 295-302.	0.8	22
119	Expression patterns of cell cycle proteins in the livers of rats treated with hepatocarcinogens for 28 days. <i>Archives of Toxicology</i> , 2013, 87, 1141-1153.	4.2	10
120	Aberration in Epigenetic Gene Regulation in Hippocampal Neurogenesis by Developmental Exposure to Manganese Chloride in Mice. <i>Toxicological Sciences</i> , 2013, 136, 154-165.	3.1	47
121	Reversible effect of maternal exposure to chlorpyrifos on the intermediate granule cell progenitors in the hippocampal dentate gyrus of rat offspring. <i>Reproductive Toxicology</i> , 2013, 35, 125-136.	2.9	11
122	Effects of p53 knockout on ochratoxin A-induced genotoxicity in p53-deficient gpt delta mice. <i>Toxicology</i> , 2013, 304, 92-99.	4.2	28
123	Involvement of PTEN/Akt signaling and oxidative stress on indole-3-carbinol (I3C)-induced hepatocarcinogenesis in rats. <i>Experimental and Toxicologic Pathology</i> , 2013, 65, 845-852.	2.1	9
124	Involvement of multiple cell cycle aberrations in early preneoplastic liver cell lesions by tumor promotion with thioacetamide in a two-stage rat hepatocarcinogenesis model. <i>Experimental and Toxicologic Pathology</i> , 2013, 65, 979-988.	2.1	21
125	Inhibitory effect of L-lipoic acid on thioacetamide-induced tumor promotion through suppression of inflammatory cell responses in a two-stage hepatocarcinogenesis model in rats. <i>Chemico-Biological Interactions</i> , 2013, 205, 108-118.	4.0	14
126	Effect of enzymatically modified isoquercitrin on preneoplastic liver cell lesions induced by thioacetamide promotion in a two-stage hepatocarcinogenesis model using rats. <i>Toxicology</i> , 2013, 305, 30-40.	4.2	31

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127	Reversible effect of developmental exposure to chlorpyrifos on late-stage neurogenesis in the hippocampal dentate gyrus in mouse offspring. <i>Reproductive Toxicology</i> , 2013, 38, 25-36.	2.9	11
128	Aberrant activation of M phase proteins by cell proliferation-evoking carcinogens after 28-day administration in rats. <i>Toxicology Letters</i> , 2013, 219, 203-210.	0.8	15
129	In Vivo Genotoxicity of Methyleugenol in gpt Delta Transgenic Rats Following Medium-Term Exposure. <i>Toxicological Sciences</i> , 2013, 131, 387-394.	3.1	23
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