

# Toshinori Yoshida

## List of Publications by Citations

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97  
papers

692  
citations

14  
h-index

20  
g-index

105  
ext. papers

928  
ext. citations

3.4  
avg, IF

3.82  
L-index

#	Paper	IF	Citations
97	Preferential tumor cellular uptake and retention of indocyanine green for in vivo tumor imaging. <i>International Journal of Cancer</i> , <b>2016</b> , 139, 673-82	7.5	56
96	Mechanisms of promotion and progression of preneoplastic lesions in hepatocarcinogenesis by DDT in F344 rats. <i>Toxicologic Pathology</i> , <b>2003</b> , 31, 87-98	2.1	35
95	Didecyldimethylammonium chloride induces pulmonary inflammation and fibrosis in mice. <i>Experimental and Toxicologic Pathology</i> , <b>2010</b> , 62, 643-51		28
94	Establishment of a novel experimental model for muscle-invasive bladder cancer using a dog bladder cancer organoid culture. <i>Cancer Science</i> , <b>2019</b> , 110, 2806-2821	6.9	25
93	Relationship between brain accumulation of manganese and aberration of hippocampal adult neurogenesis after oral exposure to manganese chloride in mice. <i>Toxicology</i> , <b>2015</b> , 331, 24-34	4.4	23
92	Efficacy of primary liver organoid culture from different stages of non-alcoholic steatohepatitis (NASH) mouse model. <i>Biomaterials</i> , <b>2020</b> , 237, 119823	15.6	22
91	Expression alterations of genes on both neuronal and glial development in rats after developmental exposure to 6-propyl-2-thiouracil. <i>Toxicology Letters</i> , <b>2014</b> , 228, 225-34	4.4	21
90	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> , <b>2017</b> , 100, 103-114	4.7	20
89	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> , <b>2015</b> , 336, 59-69	4.4	20
88	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> , <b>2014</b> , 66, 225-34		20
87	Anti-inflammatory effects of the selective phosphodiesterase 3 inhibitor, cilostazol, and antioxidants, enzymatically-modified isoquercitrin and lipoic acid, reduce dextran sulphate sodium-induced colorectal mucosal injury in mice. <i>Experimental and Toxicologic Pathology</i> , <b>2017</b> , 69, 179-186		19
86	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> , <b>2016</b> , 90, 2009-24	5.8	18
85	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> , <b>2015</b> , 287, 210-21	4.6	18
84	Establishment of 2.5D organoid culture model using 3D bladder cancer organoid culture. <i>Scientific Reports</i> , <b>2020</b> , 10, 9393	4.9	16
83	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> , <b>2015</b> , 328, 123-34	4.4	14
82	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> , <b>2016</b> , 290, 10-20	4.6	13
81	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> , <b>2017</b> , 69, 9-16		13

80	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> , <b>2016</b> , 36, 223-37	4.1	12
79	Spermatogenesis in the Micromini pig. <i>Toxicologic Pathology</i> , <b>2016</b> , 44, 974-86	2.1	11
78	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> , <b>2017</b> , 31, 46-62	4.3	11
77	Multiple organ toxicity, including hypochromic anemia, following repeated dose oral administration of phenobarbital (PB) in rats. <i>Journal of Toxicological Sciences</i> , <b>2009</b> , 34, 527-39	1.9	11
76	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> , <b>2016</b> , 36, 24-34	4.1	10
75	Ameliorating effect of postweaning exposure to antioxidant on disruption of hippocampal neurogenesis induced by developmental hypothyroidism in rats. <i>Journal of Toxicological Sciences</i> , <b>2019</b> , 44, 357-372	1.9	10
74	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> , <b>2017</b> , 389, 55-66	4.4	9
73	Histological Development of Male Reproductive Organs in Microminipigs. <i>Toxicologic Pathology</i> , <b>2016</b> , 44, 1105-1122	2.1	9
72	Developmental exposure to cuprizone reduces intermediate-stage progenitor cells and cholinergic signals in the hippocampal neurogenesis in rat offspring. <i>Toxicology Letters</i> , <b>2015</b> , 234, 180-93	4.4	8
71	Immunohistochemistry of aberrant neuronal development induced by 6-propyl-2-thiouracil in rats. <i>Toxicology Letters</i> , <b>2016</b> , 261, 59-71	4.4	8
70	Developmental exposure of citreoviridin transiently affects hippocampal neurogenesis targeting multiple regulatory functions in mice. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 120, 590-602	4.7	8
69	RTP801 Amplifies Nicotinamide Adenine Dinucleotide Phosphate Oxidase-4-Dependent Oxidative Stress Induced by Cigarette Smoke. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2017</b> , 56, 62-73	5.7	8
68	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> , <b>2016</b> , 65, 113-122	3.4	8
67	Continuous exposure to Eglycosyl isoquercitrin from developmental stage facilitates fear extinction learning in rats. <i>Journal of Functional Foods</i> , <b>2019</b> , 55, 312-324	5.1	7
66	Fluorescence tumor imaging by i.v. administered indocyanine green in a mouse model of colitis-associated colon cancer. <i>Cancer Science</i> , <b>2018</b> , 109, 1638-1647	6.9	7
65	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> , <b>2014</b> , 280, 467-74	4.6	7
64	Anti-tumor effect of trametinib in bladder cancer organoid and the underlying mechanism. <i>Cancer Biology and Therapy</i> , <b>2021</b> , 22, 357-371	4.6	7
63	Developmental Exposure of Mice to T-2 Toxin Increases Astrocytes and Hippocampal Neural Stem Cells Expressing Metallothionein. <i>Neurotoxicity Research</i> , <b>2019</b> , 35, 668-683	4.3	7

62	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> , <b>2017</b> , 266, 13-22	4.4	6
61	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> , <b>2015</b> , 35, 884-94	4.1	6
60	Fluorescence contrast-enhanced proliferative lesion imaging by enema administration of indocyanine green in a rat model of colon carcinogenesis. <i>Oncotarget</i> , <b>2017</b> , 8, 90278-90290	3.3	6
59	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> , <b>2014</b> , 226, 285-93	4.4	6
58	Quantitative Analysis of Intralobular Distribution of Microcystin-LR in the Mouse Liver.. <i>Journal of Toxicologic Pathology</i> , <b>2001</b> , 14, 205-212	1.4	6
57	Effect of dapagliflozin alone and in combination with insulin in a rat model of type 1 diabetes. <i>Journal of Veterinary Medical Science</i> , <b>2020</b> , 82, 467-474	1.1	6
56	Concise Commentary: Quercetin Flavonoid of the Month or IBD Therapy?. <i>Digestive Diseases and Sciences</i> , <b>2018</b> , 63, 3305-3306	4	6
55	Spironolactone in Combination with Glycosyl Isoquercitrin Prevents Steatosis-related Early Hepatocarcinogenesis in Rats through the Observed NADPH Oxidase Modulation. <i>Toxicologic Pathology</i> , <b>2018</b> , 46, 530-539	2.1	6
54	Normal Developmental and Estrous Cycle-dependent Histological Features of the Female Reproductive Organs in Microminipigs. <i>Toxicologic Pathology</i> , <b>2017</b> , 45, 551-573	2.1	5
53	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> , <b>2019</b> , 312, 195-203	4.4	5
52	Developmental Exposure to Aluminum Chloride Irreversibly Affects Postnatal Hippocampal Neurogenesis Involving Multiple Functions in Mice. <i>Toxicological Sciences</i> , <b>2018</b> , 164, 264-277	4.4	5
51	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> , <b>2018</b> , 163, 13-25	4.4	5
50	Spontaneous Age-Related Histopathological Changes in Microminipigs. <i>Toxicologic Pathology</i> , <b>2019</b> , 47, 817-832	2.1	5
49	Expression Characteristics of Genes Hypermethylated and Downregulated in Rat Liver Specific to Nongenotoxic Hepatocarcinogens. <i>Toxicological Sciences</i> , <b>2019</b> , 169, 122-136	4.4	4
48	Pathological and Clinical Pathological Changes Induced by Four-week, Repeated-dose, Oral Administration of the Wood Preservative Chromated Copper Arsenate in Wistar Rats. <i>Toxicologic Pathology</i> , <b>2018</b> , 46, 312-323	2.1	4
47	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> , <b>2020</b> , 136, 111046	4.7	4
46	Late effect of developmental exposure to glycidol on hippocampal neurogenesis in mice: Loss of parvalbumin-expressing interneurons. <i>Experimental and Toxicologic Pathology</i> , <b>2017</b> , 69, 517-526		3
45	Induction of duodenal mucosal tumors of intestinal epithelial cell origin showing frequent nuclear E-catenin accumulation similar to the concurrently induced colorectal tumors in rats after treatment with azoxymethane. <i>Experimental and Toxicologic Pathology</i> , <b>2015</b> , 67, 349-53		3

44	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> , <b>2016</b> , 36, 211-22	4.1	3
43	Immunohistochemical expression of autophagosome markers LC3 and p62 in preneoplastic liver foci in high fat diet-fed rats. <i>Journal of Toxicological Sciences</i> , <b>2019</b> , 44, 565-574	1.9	3
42	Endometrial adenocarcinoma with choriocarcinomatous differentiation in the uterus of a goat. <i>Journal of Veterinary Medical Science</i> , <b>2017</b> , 79, 1091-1095	1.1	3
41	Inhibition of lipopolysaccharide-induced liver injury in rats treated with a hepatic drug-metabolizing enzyme inducer p,p'DDT. <i>Experimental and Toxicologic Pathology</i> , <b>2015</b> , 67, 245-51		3
40	Establishment of Intestinal Organoid from and the Susceptibility to Bat-Associated Viruses, SARS-CoV-2 and Pteropine Orthoreovirus. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
39	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> , <b>2021</b> , 456, 152782	4.4	3
38	Clinical and pathological characteristics of acute myelogenous leukemia in a female koala with diabetes mellitus. <i>Journal of Veterinary Medical Science</i> , <b>2019</b> , 81, 1229-1233	1.1	3
37	Aberrant epigenetic gene regulation in hippocampal neurogenesis of mouse offspring following maternal exposure to 3,3'-iminodipropionitrile. <i>Journal of Toxicological Sciences</i> , <b>2019</b> , 44, 93-105	1.9	2
36	Developmental hypothyroidism abolishes bilateral differences in sonic hedgehog gene control in the rat hippocampal dentate gyrus. <i>Toxicological Sciences</i> , <b>2015</b> , 144, 128-37	4.4	2
35	Clinical and pathological features and outcome of bilateral incidental adrenocortical carcinomas in a dog. <i>Journal of Veterinary Medical Science</i> , <b>2017</b> , 79, 1489-1493	1.1	2
34	Aberrant cell cycle regulation in rat liver cells induced by post-initiation treatment with hepatocarcinogens/hepatocarcinogenic tumor promoters. <i>Experimental and Toxicologic Pathology</i> , <b>2016</b> , 68, 399-408		2
33	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> , <b>2017</b> , 334, 207-216	4.6	2
32	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> , <b>2017</b> , 159, 211-223	4.4	2
31	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> , <b>2020</b> , 33, 247-263	1.4	2
30	Canine mammary minute oncocytomas with neuroendocrine differentiation associated with multifocal acinar cell oncocytic metaplasia. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2016</b> , 28, 722-728	1.5	2
29	Histological Changes of the Testicular Interstitium during Postnatal Development in Microminipigs. <i>Toxicologic Pathology</i> , <b>2019</b> , 47, 469-482	2.1	2
28	Differential responses on energy metabolic pathway reprogramming between genotoxic and non-genotoxic hepatocarcinogens in rat liver cells. <i>Journal of Toxicologic Pathology</i> , <b>2019</b> , 32, 261-274	1.4	2
27	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> , <b>2021</b> , 41, 1021-1037	4.1	2

26	A case of rapid recurrence of apocrine ductal carcinoma originating from the oral scent gland of a Richardson's ground squirrel ( <i>Spermophilus richardsoni</i> ). <i>Journal of Toxicologic Pathology</i> , <b>2018</b> , 31, 189-193	1.4	2
25	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> , <b>2018</b> , 43, 611-621	1.9	2
24	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> , <b>2021</b> , 462, 152958	4.4	2
23	Late Effect of Developmental Exposure to 3,3'-iminodipropionitrile on Neurogenesis in the Hippocampal Dentate Gyrus of Mice. <i>Neurotoxicity Research</i> , <b>2017</b> , 32, 27-40	4.3	1
22	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> , <b>2017</b> , 69, 443-450		1
21	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> , <b>2017</b> , 69, 557-563		1
20	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> , <b>2016</b> , 310, 20-31	4.6	1
19	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> , <b>2018</b> , 80, 337-340	1.1	1
18	Lack of preventive effect of maternal exposure to alpha-glycosyl isoquercitrin and lipoic acid on developmental hypothyroidism-induced aberrations of hippocampal neurogenesis in rat offspring. <i>Journal of Toxicologic Pathology</i> , <b>2019</b> , 32, 165-180	1.4	1
17	Effects of radiation based on whole-body irradiation in HTLV-1-infected mice. <i>Journal of Radiation Research</i> , <b>2019</b> , 60, 705-708	2.4	1
16	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> , <b>2021</b> , 351, 109767	5	1
15	Spontaneous malignant myoid thymoma in an aged female Fischer 344 rat. <i>Journal of Toxicologic Pathology</i> , <b>2018</b> , 31, 135-139	1.4	1
14	Extraskelatal chondrosarcoma in the abdominal cavity of a cow. <i>Journal of Veterinary Medical Science</i> , <b>2019</b> , 81, 1749-1752	1.1	1
13	A 28-day repeated oral dose toxicity study of enniatin complex in mice. <i>Journal of Toxicological Sciences</i> , <b>2021</b> , 46, 157-165	1.9	1
12	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> , <b>2021</b> , 1	5.1	1
11	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> , <b>2021</b> , 349, 69-83	4.4	1
10	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 beta signaling promoting cell proliferation and suppressing apoptosis in early hepatocarcinogenesis. <i>Journal of Applied Toxicology</i> , <b>2020</b> , 40, 1467-1479	4.1	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> , <b>2021</b> , 85, 99-118	4	0

8	A spontaneous myoepithelial carcinoma in the mammary gland of an aged female ICR (CD-1) mouse. <i>Journal of Toxicologic Pathology</i> , <b>2017</b> , 30, 245-250	1.4
7	Acute renal failure in an adult cat following oral administration of fosfomycin. <i>Journal of Feline Medicine and Surgery Open Reports</i> , <b>2018</b> , 4, 2055116918786601	0.5
6	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> , <b>2022</b> , 1	4
5	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> , <b>2020</b> , 7, 241-248	0.6
4	Leptospiral meningoencephalitis in a raccoon dog. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2021</b> , 33, 1137-1141	1.5
3	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> , <b>2021</b> , 83, 994-996	1.1
2	Choroid plexus carcinoma with neuronal and glial differentiation in a 7-week-old male Sprague-Dawley rat. <i>Journal of Veterinary Medical Science</i> , <b>2018</b> , 80, 611-615	1.1
1	Ectopic Splenic Adenocarcinoma in a Dog. <i>Journal of Comparative Pathology</i> , <b>2021</b> , 187, 2-6	1