

Toshio Tanaka

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,409
citations

218677

26
h-index

206112

48
g-index

66
all docs

66
docs citations

66
times ranked

3506
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of a Transgenic Zebrafish Line for In Vivo Assessment of Hepatic Apoptosis. <i>Pharmaceuticals</i> , 2021, 14, 1117.	3.8	3
2	Zebrafish yolk sac microinjection of thalidomide for assessment of developmental toxicology. <i>Congenital Anomalies (discontinued)</i> , 2020, 60, 71-72.	0.6	2
3	Patient-Derived Cancer Xenograft Zebrafish Model (PDXZ) and Personalized Medicine. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2020, 93, 3-O-120.	0.0	0
4	Aging-associated microstructural deterioration of vertebra in zebrafish. <i>Bone Reports</i> , 2019, 11, 100215.	0.4	15
5	C3orf70 Is Involved in Neural and Neurobehavioral Development. <i>Pharmaceuticals</i> , 2019, 12, 156.	3.8	8
6	Generation of a Triple-Transgenic Zebrafish Line for Assessment of Developmental Neurotoxicity during Neuronal Differentiation. <i>Pharmaceuticals</i> , 2019, 12, 145.	3.8	6
7	Toxicological Evaluation of SiO ₂ Nanoparticles by Zebrafish Embryo Toxicity Test. <i>International Journal of Molecular Sciences</i> , 2019, 20, 882.	4.1	48
8	Increased susceptibility to oxidative stress-induced toxicological evaluation by genetically modified nrf2a-deficient zebrafish. <i>Journal of Pharmacological and Toxicological Methods</i> , 2019, 96, 34-45.	0.7	10
9	Zebrafish-Based Drug Discovery and Precision Medicine. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-10-25.	0.0	0
10	Potential protective function of the sterol regulatory element binding factor 1 fatty acid desaturase 1/2 axis in early-stage age-related macular degeneration. <i>Heliyon</i> , 2017, 3, e00266.	3.2	18
11	New photic stimulating system with white light-emitting diodes to elicit electroretinograms from zebrafish larvae. <i>Documenta Ophthalmologica</i> , 2017, 135, 147-154.	2.2	2
12	DNA Damage Response Is Involved in the Developmental Toxicity of Mebendazole in Zebrafish Retina. <i>Frontiers in Pharmacology</i> , 2016, 7, 57.	3.5	31
13	E2F4 Promotes Neuronal Regeneration and Functional Recovery after Spinal Cord Injury in Zebrafish. <i>Frontiers in Pharmacology</i> , 2016, 7, 119.	3.5	16
14	EP300 Protects from Light-Induced Retinopathy in Zebrafish. <i>Frontiers in Pharmacology</i> , 2016, 7, 126.	3.5	13
15	Comparative Transcriptome Analysis Identifies CCDC80 as a Novel Gene Associated with Pulmonary Arterial Hypertension. <i>Frontiers in Pharmacology</i> , 2016, 7, 142.	3.5	27
16	Downregulation of GSTK1 Is a Common Mechanism Underlying Hypertrophic Cardiomyopathy. <i>Frontiers in Pharmacology</i> , 2016, 7, 162.	3.5	42
17	Activation of Sterol Regulatory Element Binding Factors by Fenofibrate and Gemfibrozil Stimulates Myelination in Zebrafish. <i>Frontiers in Pharmacology</i> , 2016, 7, 206.	3.5	17
18	Using zebrafish in systems toxicology for developmental toxicity testing. <i>Congenital Anomalies (discontinued)</i> , 2016, 56, 18-27.	0.6	147

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19	Comparative study of the zebrafish embryonic toxicity test and mouse embryonic stem cell test to screen developmental toxicity of human pharmaceutical drugs. <i>Fundamental Toxicological Sciences</i> , 2016, 3, 79-87.	0.6	16
20	<i>In Vivo</i> Detection of Mitochondrial Dysfunction Induced by Clinical Drugs and Disease-Associated Genes Using a Novel Dye ZMJ214 in Zebrafish. <i>ACS Chemical Biology</i> , 2016, 11, 381-388.	3.4	16
21	Novel immunologic tolerance of human cancer cell xenotransplants in zebrafish. <i>Translational Research</i> , 2016, 170, 89-98.e3.	5.0	24
22	Repeated Blood Collection for Blood Tests in Adult Zebrafish. <i>Journal of Visualized Experiments</i> , 2015, , e53272.	0.3	56
23	Systems pharmacology of adiposity reveals inhibition of EP300 as a common therapeutic mechanism of caloric restriction and resveratrol for obesity. <i>Frontiers in Pharmacology</i> , 2015, 6, 199.	3.5	24
24	Pharmacological profiling of zebrafish behavior using chemical and genetic classification of sleep-wake modifiers. <i>Frontiers in Pharmacology</i> , 2015, 6, 257.	3.5	27
25	E2F8 promotes hepatic steatosis through FABP3 expression in diet-induced obesity in zebrafish. <i>Nutrition and Metabolism</i> , 2015, 12, 17.	3.0	36
26	<i>In Vivo</i> selective imaging and inhibition of leukemia stem-like cells using the fluorescent carbocyanine derivative, DiOC5(3). <i>Biomaterials</i> , 2015, 52, 14-25.	11.4	9
27	Copper Oxide Nanoparticles Reduce Vasculogenesis in Transgenic Zebrafish Through Down-Regulation of Vascular Endothelial Growth Factor Expression and Induction of Apoptosis. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 2140-2147.	0.9	22
28	Downregulation of Stanniocalcin 1 Is Responsible for Sorafenib-Induced Cardiotoxicity. <i>Toxicological Sciences</i> , 2015, 143, 374-384.	3.1	27
29	Zebrafish as a systems toxicology model for developmental neurotoxicity testing. <i>Congenital Anomalies (discontinued)</i> , 2015, 55, 1-16.	0.6	140
30	Quantitative Phenotyping-Based <i>In Vivo</i> Chemical Screening in a Zebrafish Model of Leukemia Stem Cell Xenotransplantation. <i>PLoS ONE</i> , 2014, 9, e85439.	2.5	52
31	Zebrafish xenotransplantation model for cancer stem-like cell study and high-throughput screening of inhibitors. <i>Tumor Biology</i> , 2014, 35, 11861-11869.	1.8	30
32	Effects of Yuzu (<i>Citrus junos</i> Siebold ex Tanaka) peel on the diet-induced obesity in a zebrafish model. <i>Journal of Functional Foods</i> , 2014, 10, 499-510.	3.4	42
33	Zinc finger MYND-type containing 8 promotes tumour angiogenesis via induction of vascular endothelial growth factor expression. <i>FEBS Letters</i> , 2014, 588, 3409-3416.	2.8	21
34	Eriocitrin ameliorates diet-induced hepatic steatosis with activation of mitochondrial biogenesis. <i>Scientific Reports</i> , 2014, 4, 3708.	3.3	90
35	Zebrafish-Based Systems Pharmacology of Cancer Metastasis. <i>Methods in Molecular Biology</i> , 2014, 1165, 223-238.	0.9	8
36	Fluorescent-Based Methods for Gene Knockdown and Functional Cardiac Imaging in Zebrafish. <i>Molecular Biotechnology</i> , 2013, 55, 131-142.	2.4	13

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55	Pharmacogenomics and Therapeutic Target Validation in Cerebral Vasospasm. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 36, S1-S4.	1.9	21
56	Heme oxygenase-1 gene induction as an intrinsic regulation against delayed cerebral vasospasm in rats. <i>Journal of Clinical Investigation</i> , 1999, 104, 59-66.	8.2	142
57	A Unique Exon-Intron Organization of a Porcine S100C Gene: Close Evolutionary Relationship to Calmodulin Genes. <i>Biochemical and Biophysical Research Communications</i> , 1998, 243, 647-652.	2.1	8
58	Molecular Cloning and Characterization of Human PDE8B, a Novel Thyroid-Specific Isozyme of 3',5'-Cyclic Nucleotide Phosphodiesterase. <i>Biochemical and Biophysical Research Communications</i> , 1998, 250, 751-756.	2.1	136
59	Interaction of propranolol with S100 proteins of the cardiac muscle. <i>European Journal of Pharmacology</i> , 1996, 315, 335-338.	3.5	9
60	Purification and Characterization of Tora-mame (<i>Phaseolus vulgaris</i>) Seed Calmodulin. <i>Agricultural and Biological Chemistry</i> , 1990, 54, 2641-2647.	0.3	0