Hiroki Teraoka

List of Publications by Year
in descending order

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66 papers	3,126 citations	361413 20 h-index	155660 55 g-index
66 all docs	66 docs citations	66 times ranked	3301 citing authors

#	Article	IF	Citations
1	Zebrafish as a Model Vertebrate for Investigating Chemical Toxicity. Toxicological Sciences, 2005, 86, 6-19.	3.1	1,100
2	Aryl Hydrocarbon Receptorâ€“Independent Toxicity of Weathered Crude Oil during Fish Development. Environmental Health Perspectives, 2005, 113, 1755-1762.	6.0	337
3	Aryl Hydrocarbon Receptor 2 Mediates 2,3,7,8-Tetrachlorodibenzo-p-dioxin Developmental Toxicity in Zebrafish. Toxicological Sciences, 2003, 76, 138-150.	3.1	238
4	2,3,7,8-Tetrachlorodibenzo-p-dioxin Toxicity in the Zebrafish Embryo: Local Circulation Failure in the Dorsal Midbrain Is Associated with Increased Apoptosis. Toxicological Sciences, 2002, 69, 191-201.	3.1	160
5	Induction of cytochrome P450 1A is required for circulation failure and edema by 2,3,7,8-tetrachlorodibenzo-p-dioxin in zebrafish. Biochemical and Biophysical Research Communications, 2003, 304, 223-228.	2.1	158
6	Zebrafish as a novel experimental model for developmental toxicology. Congenital Anomalies (discontinued), 2003, 43, 123-132.	0.6	140
7	2,3,7,8-Tetrachlorodibenzo-p-dioxin Toxicity in the Zebrafish Embryo: Altered Regional Blood Flow and Impaired Lower Jaw Development. Toxicological Sciences, 2002, 65, 192-199.	3.1	138
8	2, 3, 7, 8-tetrachlorodibenzo-p-dioxin induces apoptosis in the dorsal midbrain of zebrafish embryos by activation of arylhydrocarbon receptor. Neuroscience Letters, 2001, 303, 169-172.	2.1	85
9	Role of Aryl Hydrocarbon Receptor in Mesencephalic Circulation Failure and Apoptosis in Zebrafish Embryos Exposed to 2,3,7,8-Tetrachlorodibenzo-p-Dioxin. Toxicological Sciences, 2003, 77, 109-116.	3.1	81
10	Muscular contractions in the zebrafish embryo are necessary to reveal thiuram-induced notochord distortions. Toxicology and Applied Pharmacology, 2006, 212, 24-34.	2.8	44
11	Role of the cyclooxygenase 2â€“thromboxane pathway in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced decrease in mesencephalic vein blood flow in the zebrafish embryo. Toxicology and Applied Pharmacology, 2009, 234, 33-40.	2.8	44
12	Retinal Neuronal Cell is a Toxicological Target of Tributyltin in Developing Zebrafish. Journal of Veterinary Medical Science, 2006, 68, 573-579.	0.9	36
13	Role of zebrafish cytochrome P450 CYP1C genes in the reduced mesencephalic vein blood flow caused by activation of AHR2. Toxicology and Applied Pharmacology, 2011, 253, 244-252.	2.8	33
14	cDNA Cloning and Expressions of Cytochrome P450 1A in Zebrafish Embryos.. Journal of Veterinary Medical Science, 2002, 64, 829-833.	0.9	32
15	Impairment of lower jaw growth in developing zebrafish exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin and reduced hedgehog expression. Aquatic Toxicology, 2006, 78, 103-113.	4.0	29
16	Malformation of certain brain blood vessels caused by TCDD activation of Ahr2/Arnt1 signaling in developing zebrafish. Aquatic Toxicology, 2010, 99, 241-247.	4.0	27
17	Involvement of COX2â€“thromboxane pathway in TCDD-induced precardiac edema in developing zebrafish. Aquatic Toxicology, 2014, 154, 19-26.	4.0	27
18	Muscle layer and regional differences in autonomic innervation and responsiveness to transmitter agents in swine myometrium. Autonomic and Autacoid Pharmacology, 1994, 14, 213-227.	0.6	24

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19	The case for thyroid disruption in early life stage exposures to thiram in zebrafish (Danio rerio). General and Comparative Endocrinology, 2019, 271, 73-81.	1.8	24
20	HEAVY METAL CONTAMINATION STATUS OF JAPANESE CRANES (GRUS JAPONENSIS) IN EAST HOKKAIDO, JAPANâ€"EXTENSIVE MERCURY POLLUTION. Environmental Toxicology and Chemistry, 2007, 26, 307.	4.3	22
21	Cytochrome P450 Expression and Chemical Metabolic Activity before Full Liver Development in Zebrafish. Pharmaceuticals, 2020, 13, 456.	3.8	20
22	MASS MORTALITY OF EURASIAN TREE SPARROWS (PASSER MONTANUS) FROMSALMONELLATYPHIMURIUM DT40 IN JAPAN, WINTER 2008â€"09. Journal of Wildlife Diseases, 2014, 50, 484-495.	0.8	18
23	Aroclor 1254 and BDE-47 inhibit dopaminergic function manifesting as changes in locomotion behaviors in zebrafish embryos. Chemosphere, 2018, 193, 1207-1215.	8.2	17
24	Effects of ghrelin and motilin on smooth muscle contractility of the isolated gastrointestinal tract from the bullfrog and Japanese fire belly newt. General and Comparative Endocrinology, 2016, 232, 51-59.	1.8	16
25	Transcriptional profiling of cytochrome P450 genes in the liver of adult zebrafish, <i>Danio rerio</i>. Journal of Toxicological Sciences, 2019, 44, 347-356.	1.5	16
26	Lead exposure induces pycnosis and enucleation of peripheral erythrocytes in the domestic fowl. Veterinary Journal, 2008, 178, 109-114.	1.7	15
27	Characterization of feline cytochrome P450 2B6. Xenobiotica, 2017, 47, 93-102.	1.1	14
28	Identification of pheasant ghrelin and motilin and their actions on contractility of the isolated gastrointestinal tract. General and Comparative Endocrinology, 2020, 285, 113294.	1.8	14
29	Expression of Two Novel Cytochrome P450 3A131 and 3A132 in Liver and Small Intestine of Domestic Cats. Journal of Veterinary Medical Science, 2011, 73, 1489-1492.	0.9	13
30	Structural determination, distribution, and physiological actions of ghrelin in the guinea pig. Peptides, 2018, 99, 70-81.	2.4	13
31	Limited expression of functional cytochrome p450 2c subtypes in the liver and small intestine of domestic cats. Xenobiotica, 2019, 49, 627-635.	1.1	13
32	Functional expression and comparative characterization of four feline P450 cytochromes using fluorescent substrates. Xenobiotica, 2017, 47, 951-961.	1.1	12
33	Dexamethasone-induced hepatomegaly and steatosis in larval zebrafish. Journal of Toxicological Sciences, 2017, 42, 455-459.	1.5	12
34	Molecular Evolution of Tryptophan Hydroxylases in Vertebrates: A Comparative Genomic Survey. Genes, 2019, 10, 203.	2.4	12
35	Molecular Cloning and Expression of Cytochrome P450 2D6 in the Livers of Domestic Cats. Journal of Veterinary Medical Science, 2010, 72, 1633-1636.	0.9	9
36	Protective effect of prostacyclin against pre-cardiac edema caused by 2,3,7,8-tetrachlorodibenzo- p -dioxin and a thromboxane receptor agonist in developing zebrafish. Chemosphere, 2016, 156, 111-117.	8.2	9

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37	Does motilin peptide regulate gastrointestinal motility of zebrafish? An in vitro study using isolated intestinal strips. General and Comparative Endocrinology, 2017, 249, 15-23.	1.8	9
38	Inhibitory effects of caffeine on secretagogueâ€induced catecholamine secretion from adrenal chromaffin cells of the guineaâ€pig. British Journal of Pharmacology, 1994, 111, 935-941.	5.4	8
39	Correlation of ghrelin concentration and ghrelin, ghrelin-O-acetyltransferase (GOAT) and growth hormone secretagogue receptor 1a mRNAs expression in the proventriculus and brain of the growing chicken. Peptides, 2015, 63, 134-142.	2.4	8
40	Functional Disorder of the Retina in Manganese-Deficient Japanese Quail Revealed by Electroretinography using a Contact Lens Electrode with Built-In Light Source. Journal of Veterinary Medical Science, 2008, 70, 139-144.	0.9	7
41	Physical Body Parameters of Red-Crowned Cranes Grus japonensis by Sex and Life Stage in Eastern Hokkaido, Japan. Journal of Veterinary Medical Science, 2013, 75, 1055-1060.	0.9	7
42	The chicken is an interesting animal for study of the functional role of ghrelin in the gastrointestinal tract. Endocrine Journal, 2017, 64, S5-S9.	1.6	7
43	Îlpha1B-adrenoceptor-mediated positive inotropic and positive chronotropic actions in the mouse atrium. European Journal of Pharmacology, 2018, 839, 82-88.	3.5	7
44	Fc Receptorâ€Mediated Phagocytosis, Superoxide Production and Calcium Signaling of Î²₂ Integrinâ€Deficient Bovine Neutrophils. Microbiology and Immunology, 1997, 41, 747-750.	1.4	6
45	Ca²⁺signaling in porcine duodenal glands by muscarinic receptor activation. American Journal of Physiology - Renal Physiology, 2001, 280, G729-G737.	3.4	6
46	Accumulation properties of inorganic mercury and organic mercury in the red-crowned crane Grus japonensis in east Hokkaido, Japan. Ecotoxicology and Environmental Safety, 2015, 122, 557-564.	6.0	6
47	Blood vessels are primary targets for 2,3,7,8-tetrachlorodibenzo-p-dioxin in pre-cardiac edema formation in larval zebrafish. Chemosphere, 2020, 254, 126808.	8.2	6
48	Identification and functional characterization of novel feline cytochrome P450 2A. Xenobiotica, 2015, 45, 503-510.	1.1	5
49	Contamination Status of Seven Elements in Hooded Cranes Wintering in South-West Kyushu, Japan: Comparison with Red-Crowned Cranes in Hokkaido, Japan. Archives of Environmental Contamination and Toxicology, 2018, 75, 557-565.	4.1	5
50	Motilin- and ghrelin-induced contractions in isolated gastrointestinal strips from three species of frogs. General and Comparative Endocrinology, 2021, 300, 113649.	1.8	5
51	Decreased apoptosis of Î² 2 â€integrinâ€deficient bovine neutrophils. Immunology and Cell Biology, 2004, 82, 32-37.	2.3	4
52	Genetic diversity of cytochrome P450 3A with different metabolic activity in domestic cats. Journal of Veterinary Medical Science, 2019, 81, 598-600.	0.9	4
53	Metabarcoding of feces and intestinal contents to determine carnivorous diets in red-crowned cranes in eastern Hokkaido, Japan. Journal of Veterinary Medical Science, 2022, 84, 358-367.	0.9	4
54	Nicotinic Receptor-mediated Ca2+ Mobilization and Catecholamine Secretion in Chick Adrenal Chromaffin Cells.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1996, 72, 52-55.	3.8	3

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55	Differential Display System with Vertebrate-Common Degenerate Oligonucleotide Primers: Uncovering Genes Responsive to Dioxin in Avian Embryonic Liver. Environmental Science & Technology, 2012, 46, 27-33.	10.0	3
56	Changes of Mercury Contamination in Red-Crowned Cranes, Grus japonensis, in East Hokkaido, Japan. Archives of Environmental Contamination and Toxicology, 2012, 63, 153-160.	4.1	3
57	Origin of a pair of red-crowned cranes (Grus japonensis) found in Sarobetsu Wetland, northwestern Hokkaido, Japan: a possible crossbreeding between the island and the mainland population. Journal of Veterinary Medical Science, 2021, , .	0.9	3
58	Comparing time-series of chemical concentrations in zebrafish (<i>Danio rerio</i>) embryos/larvae exposed to teratogens with different hydrophobicity; caffeine, sodium valproate, and diethylstilbestrol. Journal of Toxicological Sciences, 2018, 43, 267-273.	1.5	2
59	Genetic diversity of cytochrome P450 1A2 with different metabolic activities in domestic cats. Journal of Veterinary Medical Science, 2019, 81, 980-982.	0.9	2
60	Oxidative stress inducers potentiate 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated pre-cardiac edema in larval zebrafish. Journal of Veterinary Medical Science, 2021, 83, 1050-1058.	0.9	2
61	Middle upper beak fracture in a Red-crowned crane that completely recovered with external skeletal fixation. Journal of Veterinary Medical Science, 2021, 83, 742-745.	0.9	1
62	Pheasant motilin, its distribution and gastrointestinal contractility-stimulating action in the pheasant. General and Comparative Endocrinology, 2021, 314, 113897.	1.8	1
63	Usefulness of zebrafish in evaluating drug-induced teratogenicity in cardiovascular system. Drug and Chemical Toxicology, 2019, 42, 649-656.	2.3	0
64	Genetic diversity of cytochrome P450 2A with different metabolic activities in domestic cats. Journal of Veterinary Medical Science, 2019, 81, 983-985.	0.9	0
65	Correlation Between Short Lower Jaw in Zebrafish Embryos Induced by 2,3,7,8-tetrachlo-rqdibenzo-P-dioxin (TCDD) and Shh Gene. Hupo Kexue/Journal of Lake Sciences, 2005, 17, 162-168.	0.8	0
66	Guinea-pig ghrelin: its structure, distribution and function in the gastrointestinal tract. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-6-25.	0.0	0