

Tetsushi Hirano

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

526
citations

687363

13
h-index

677142

22
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34
all docs

34
docs citations

34
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	The combined effect of clothianidin and environmental stress on the behavioral and reproductive function in male mice. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 1207-1215.	0.9	64
2	Insight into the Mechanism of Reproductive Dysfunction Caused by Neonicotinoid Pesticides. <i>Biological and Pharmaceutical Bulletin</i> , 2014, 37, 1439-1443.	1.4	60
3	NOAEL-dose of a neonicotinoid pesticide, clothianidin, acutely induce anxiety-related behavior with human-audible vocalizations in male mice in a novel environment. <i>Toxicology Letters</i> , 2018, 282, 57-63.	0.8	56
4	Growth and neurite stimulating effects of the neonicotinoid pesticide clothianidin on human neuroblastoma SH-SY5Y cells. <i>Toxicology and Applied Pharmacology</i> , 2019, 383, 114777.	2.8	30
5	Quantitative elucidation of maternal-to-fetal transfer of neonicotinoid pesticide clothianidin and its metabolites in mice. <i>Toxicology Letters</i> , 2020, 322, 32-38.	0.8	25
6	Peripubertal exposure to the neonicotinoid pesticide dinotefuran affects dopaminergic neurons and causes hyperactivity in male mice. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 634-637.	0.9	24
7	Prenatal and early postnatal NOAEL-dose clothianidin exposure leads to a reduction of germ cells in juvenile male mice. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 1196-1203.	0.9	21
8	Verification of the causal relationship between subchronic exposures to dinotefuran and depression-related phenotype in juvenile mice. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 720-724.	0.9	20
9	Unpredictable Chronic Stress-Induced Reproductive Suppression Associated with the Decrease of Kisspeptin Immunoreactivity in Male Mice. <i>Journal of Veterinary Medical Science</i> , 2014, 76, 1201-1208.	0.9	17
10	Fetal and lactational exposure to the no-observed-adverse-effect level (NOAEL) dose of the neonicotinoid pesticide clothianidin inhibits neurogenesis and induces different behavioral abnormalities at the developmental stages in male mice. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 542-548.	0.9	17
11	Ageing-related changes in the sensitivity of behavioral effects of the neonicotinoid pesticide clothianidin in male mice. <i>Toxicology Letters</i> , 2021, 342, 95-103.	0.8	15
12	Effects of <i>in utero</i> and lactational exposure to the no-observed-adverse-effect level (NOAEL) dose of the neonicotinoid clothianidin on the reproductive organs of female mice. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 746-753.	0.9	15
13	Neurotoxicity of a pyrethroid pesticide deltamethrin is associated with the imbalance in proteolytic systems caused by mitophagy activation and proteasome inhibition. <i>Toxicology and Applied Pharmacology</i> , 2021, 430, 115723.	2.8	14
14	Immunotoxicity evaluation by subchronic oral administration of clothianidin in Sprague-Dawley rats. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 360-372.	0.9	13
15	Combined exposure to dinotefuran and chronic mild stress counteracts the change of the emotional and monoaminergic neuronal activity induced by either exposure singly despite corticosterone elevation in mice. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 350-359.	0.9	13
16	The mechanisms underlying the effects of AMH on Müllerian duct regression in male mice. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 557-567.	0.9	11
17	Identification of genes and genetic networks associated with BAG3-dependent cell proliferation and cell survival in human cervical cancer HeLa cells. <i>Molecular Medicine Reports</i> , 2018, 18, 4138-4146.	2.4	10
18	Immunohistochemical analysis of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity on the developmental dentate gyrus and hippocampal fimbria in fetal mice. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 1355-1361.	0.9	9

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19	Ontogenic and morphological study of gonadal formation in genetically-modified sex reversal XY ⁺ mice. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 1587-1598.	0.9	9
20	HIKESHI silencing can enhance mild hyperthermia sensitivity in human oral squamous cell carcinoma HSC-3 cells. <i>International Journal of Molecular Medicine</i> , 2020, 46, 58-66.	4.0	9
21	Identification of reference genes for quantitative PCR analyses in developing mouse gonads. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 1534-1539.	0.9	8
22	Elucidation of the neurological effects of clothianidin exposure at the no-observed-adverse-effect level (NOAEL) using two-photon microscopy & in vivo imaging. <i>Journal of Veterinary Medical Science</i> , 2022, 84, 585-592.	0.9	8
23	Ca ²⁺ imaging with two-photon microscopy to detect the disruption of brain function in mice administered neonicotinoid insecticides. <i>Scientific Reports</i> , 2022, 12, 5114.	3.3	8
24	Contribution of the coelomic epithelial cells specific to the left testis in the chicken embryo. <i>Developmental Dynamics</i> , 2017, 246, 148-156.	1.8	7
25	Gene networks in basal cell carcinoma of the eyelid, analyzed using gene expression profiling. <i>Oncology Letters</i> , 2018, 16, 6729-6734.	1.8	6
26	The effects of fipronil on emotional and cognitive behaviors in mammals. <i>Pesticide Biochemistry and Physiology</i> , 2021, 175, 104847.	3.6	6
27	Bioinformatics analysis of the microRNA-mRNA network in sebaceous gland carcinoma of the eyelid. <i>Molecular Medicine Reports</i> , 2020, 23, 1-1.	2.4	6
28	CDKN2A, CDK1, and CCNE1 overexpression in sebaceous gland carcinoma of eyelid. <i>International Ophthalmology</i> , 2020, 40, 343-350.	1.4	5
29	Low-intensity pulsed ultrasound promotes the expression of immediate-early genes in mouse ST2 bone marrow stromal cells. <i>Journal of Medical Ultrasonics (2001)</i> , 2020, 47, 193-201.	1.3	5
30	Influence of acute exposure to a low dose of systemic insecticide fipronil on locomotor activity and emotional behavior in adult male mice. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 344-348.	0.9	5
31	Chronic low-dose exposure to imidacloprid potentiates high fat diet-mediated liver steatosis in C57BL/6J male mice. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 487-500.	0.9	4
32	Genetic differences between C57BL/6 substrains affect the process of testis differentiation in XY ⁺ mice. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 608-611.	0.9	3
33	Establishment of an organ culture system to induce Sertoli cell differentiation from undifferentiated mouse gonads. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 414-421.	0.9	3
34	Genetic response to low-intensity ultrasound on mouse ST2 bone marrow stromal cells. <i>Molecular Medicine Reports</i> , 2020, 23, .	2.4	0