Chiharu Tohyama

List of Publications by Year
in descending order

20	540	759233 12	713466 21
papers	citations	h-index	g-index

21	21	21	722
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Automated test of behavioral flexibility in mice using a behavioral sequencing task in IntelliCage. Behavioural Brain Research, 2011, 221, 172-181.	2.2	100
2	Executive Function Deficits and Social-Behavioral Abnormality in Mice Exposed to a Low Dose of Dioxin In Utero and via Lactation. PLoS ONE, 2012, 7, e50741.	2.5	66
3	Early deprivation induces competitive subordinance in C57BL/6 male mice. Physiology and Behavior, 2014, 137, 42-52.	2.1	53
4	In utero and lactational exposure to low doses of chlorinated and brominated dioxins induces deficits in the fear memory of male mice. NeuroToxicology, 2010, 31, 385-390.	3.0	51
5	Mechanisms of Developmental Toxicity of Dioxins and Related Compounds. International Journal of Molecular Sciences, 2019, 20, 617.	4.1	39
6	Neuronal Heterotopias Affect the Activities of Distant Brain Areas and Lead to Behavioral Deficits. Journal of Neuroscience, 2015, 35, 12432-12445.	3.6	36
7	Developmental origin of abnormal dendritic growth in the mouse brain induced by in utero disruption of aryl hydrocarbon receptor signaling. Neurotoxicology and Teratology, 2015, 52, 42-50.	2.4	35
8	Disruption of paired-associate learning in rat offspring perinatally exposed to dioxins. Archives of Toxicology, 2014, 88, 789-98.	4.2	29
9	Multiple animal positioning system shows that socially-reared mice influence the social proximity of isolation-reared cagemates. Communications Biology, 2018, 1, 225.	4.4	27
10	In utero and lactational dioxin exposure induces Sema3b and Sema3g gene expression in the developing mouse brain. Biochemical and Biophysical Research Communications, 2016, 476, 108-113.	2.1	24
11	Excessive activation of AhR signaling disrupts neuronal migration in the hippocampal CA1 region in the developing mouse. Journal of Toxicological Sciences, 2017, 42, 25-30.	1.5	20
12	Vocalization as a novel endpoint of atypical attachment behavior in 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed infant mice. Archives of Toxicology, 2018, 92, 1741-1749.	4.2	14
13	Impaired dendritic growth and positioning of cortical pyramidal neurons by activation of aryl hydrocarbon receptor signaling in the developing mouse. PLoS ONE, 2017, 12, e0183497.	2.5	11
14	In Utero Bisphenol A Exposure Induces Abnormal Neuronal Migration in the Cerebral Cortex of Mice. Frontiers in Endocrinology, 2016, 7, 7.	3.5	8
15	Polyuria-associated hydronephrosis induced by xenobiotic chemical exposure in mice. American Journal of Physiology - Renal Physiology, 2016, 311, F752-F762.	2.7	6
16	Roles of cytosolic phospholipase A2Î± in reproductive and systemic toxicities in 2,3,7,8-tetrachlorodibenzo-p-dioxin-exposed mice. Archives of Toxicology, 2018, 92, 789-801.	4.2	5
17	Significance of AHR nuclear translocation sequence in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced cPLA2Î± activation and hydronephrosis. Archives of Toxicology, 2019, 93, 1255-1264.	4.2	5
18	Comment on â€œRethinking the Minamata Tragedy: What Mercury Species Was Really Responsible?â€• Environmental Science & Technology, 2020, 54, 8486-8487.	10.0	4

#	Article	IF	Citations
19	Neurons expressing the aryl hydrocarbon receptor in the locus coeruleus and island of Calleja major are novel targets of dioxin in the mouse brain. Histochemistry and Cell Biology, 2021, 156, 147-163.	1.7	4
20	The role of prostaglandin E2 receptor EP1 in 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced neonatal hydronephrosis in mice. Toxicology, 2019, 415, 10-17.	4.2	2