

# Fumihiko Maekawa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3239527/publications.pdf>

Version: 2024-02-01

22  
papers

547  
citations

686830

13  
h-index

676716

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

859  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated test of behavioral flexibility in mice using a behavioral sequencing task in IntelliCage. <i>Behavioural Brain Research</i> , 2011, 221, 172-181.	1.2	100
2	In utero and Lactational Exposure to Acetamiprid Induces Abnormalities in Socio-Sexual and Anxiety-Related Behaviors of Male Mice. <i>Frontiers in Neuroscience</i> , 2016, 10, 228.	1.4	57
3	Glucose level determines excitatory or inhibitory effects of adiponectin on arcuate POMC neuron activity and feeding. <i>Scientific Reports</i> , 2016, 6, 30796.	1.6	52
4	Inhibition of neurite outgrowth and alteration of cytoskeletal gene expression by sodium arsenite. <i>NeuroToxicology</i> , 2013, 34, 226-235.	1.4	48
5	Prenatal Exposure to Arsenic Impairs Behavioral Flexibility and Cortical Structure in Mice. <i>Frontiers in Neuroscience</i> , 2016, 10, 137.	1.4	40
6	The mechanisms underlying sexual differentiation of behavior and physiology in mammals and birds: relative contributions of sex steroids and sex chromosomes. <i>Frontiers in Neuroscience</i> , 2014, 8, 242.	1.4	37
7	Effects of sodium arsenite on neurite outgrowth and glutamate AMPA receptor expression in mouse cortical neurons. <i>NeuroToxicology</i> , 2013, 37, 197-206.	1.4	36
8	Basal and stimulated lactate fluxes in primary cultures of astrocytes are differentially controlled by distinct proteins. <i>Journal of Neurochemistry</i> , 2008, 107, 789-798.	2.1	22
9	Diurnal expression of <i>Dnmt3b</i> mRNA in mouse liver is regulated by feeding and hepatic clockwork. <i>Epigenetics</i> , 2012, 7, 1046-1056.	1.3	22
10	Analyzing the effects of co-expression of chick ( <i>Gallus gallus</i> ) melanocortin receptors with either chick MRAP1 or MRAP2 in CHO cells on sensitivity to ACTH(1-24) or ACTH(1-13)NH <sub>2</sub> : Implications for the avian HPA axis and avian melanocortin circuits in the hypothalamus. <i>General and Comparative Endocrinology</i> , 2018, 256, 50-56.	0.8	20
11	Activation of cholecystokinin neurons in the dorsal pallium of the telencephalon is indispensable for the acquisition of chick imprinting behavior. <i>Journal of Neurochemistry</i> , 2007, 102, 1645-1657.	2.1	18
12	Regulation of the intracellular distribution, cell surface expression, and protein levels of AMPA receptor GluR2 subunits by the monocarboxylate transporter MCT2 in neuronal cells. <i>Journal of Neurochemistry</i> , 2009, 109, 1767-1778.	2.1	16
13	A genetically female brain is required for a regular reproductive cycle in chicken brain chimeras. <i>Nature Communications</i> , 2013, 4, 1372.	5.8	15
14	A comparative study of sex difference in calbindin neurons among mice, musk shrews, and Japanese quails. <i>Neuroscience Letters</i> , 2016, 631, 63-69.	1.0	13
15	Pituitary adenylate cyclase-activating polypeptide neurons of the ventromedial hypothalamus project to the midbrain central gray. <i>NeuroReport</i> , 2006, 17, 221-224.	0.6	10
16	Nano-Sized Secondary Organic Aerosol of Diesel Engine Exhaust Origin Impairs Olfactory-Based Spatial Learning Performance in Prewaning Mice. <i>Nanomaterials</i> , 2015, 5, 1147-1162.	1.9	10
17	Arsenic Exposure Induces Unscheduled Mitotic S Phase Entry Coupled with Cell Death in Mouse Cortical Astrocytes. <i>Frontiers in Neuroscience</i> , 2016, 10, 297.	1.4	8
18	Strain differences in intermale aggression and possible factors regulating increased aggression in Japanese quail. <i>General and Comparative Endocrinology</i> , 2018, 256, 63-70.	0.8	7

#	ARTICLE	IF	CITATIONS
19	Behavioral impairments in infant and adult mouse offspring exposed to 2,3,7,8-tetrabromodibenzofuran in utero and via lactation. <i>Environment International</i> , 2020, 142, 105833.	4.8	7
20	Neurons expressing the aryl hydrocarbon receptor in the locus coeruleus and island of Calleja major are novel targets of dioxin in the mouse brain. <i>Histochemistry and Cell Biology</i> , 2021, 156, 147-163.	0.8	4
21	Estrogenic action by tris(2,6-dimethylphenyl) phosphate impairs the development of female reproductive functions. <i>Environment International</i> , 2020, 138, 105662.	4.8	3
22	Liver-specific decrease in <i>Tff3</i> gene expression in infant mice perinatally exposed to 2,3,7,8-tetrabromodibenzofuran or 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Journal of Applied Toxicology</i> , 2022, 42, 305-317.	1.4	1