

Aki Takahashi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1593379/publications.pdf>

Version: 2024-02-01

50
papers

3,123
citations

218677

26
h-index

189892

50
g-index

55
all docs

55
docs citations

55
times ranked

4268
citing authors

#	ARTICLE	IF	CITATIONS
1	Social stress induces neurovascular pathology promoting depression. <i>Nature Neuroscience</i> , 2017, 20, 1752-1760.	14.8	617
2	Sex Differences in Nucleus Accumbens Transcriptome Profiles Associated with Susceptibility versus Resilience to Subchronic Variable Stress. <i>Journal of Neuroscience</i> , 2015, 35, 16362-16376.	3.6	308
3	Optogenetic Activation of Dorsal Raphe Serotonin Neurons Enhances Patience for Future Rewards. <i>Current Biology</i> , 2014, 24, 2033-2040.	3.9	200
4	Establishment of a repeated social defeat stress model in female mice. <i>Scientific Reports</i> , 2017, 7, 12838.	3.3	176
5	Aggression, Social Stress, and the Immune System in Humans and Animal Models. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 56.	2.0	166
6	Neurogenetics of Aggressive Behavior: Studies in Rodents. <i>Current Topics in Behavioral Neurosciences</i> , 2013, 17, 3-44.	1.7	165
7	Brain serotonin receptors and transporters: initiation vs. termination of escalated aggression. <i>Psychopharmacology</i> , 2011, 213, 183-212.	3.1	109
8	Control of Intermale Aggression by Medial Prefrontal Cortex Activation in the Mouse. <i>PLoS ONE</i> , 2014, 9, e94657.	2.5	99
9	GABA _B Receptor Modulation of Serotonin Neurons in the Dorsal Raphe Nucleus and Escalation of Aggression in Mice. <i>Journal of Neuroscience</i> , 2010, 30, 11771-11780.	3.6	98
10	Orexin signaling in GABAergic lateral habenula neurons modulates aggressive behavior in male mice. <i>Nature Neuroscience</i> , 2020, 23, 638-650.	14.8	98
11	Behavioral and Pharmacogenetics of Aggressive Behavior. <i>Current Topics in Behavioral Neurosciences</i> , 2011, 12, 73-138.	1.7	89
12	Cell-type-specific role for nucleus accumbens neuroligin-2 in depression and stress susceptibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1111-1116.	7.1	61
13	Hierarchy in the home cage affects behaviour and gene expression in group-housed C57BL/6 male mice. <i>Scientific Reports</i> , 2017, 7, 6991.	3.3	57
14	Persistent conditioned place preference to aggression experience in adult male sexually experienced mice. <i>Genes, Brain and Behavior</i> , 2017, 16, 44-55.	2.2	57
15	Cell-Type-Specific Role of FosB in Nucleus Accumbens In Modulating Intermale Aggression. <i>Journal of Neuroscience</i> , 2018, 38, 5913-5924.	3.6	52
16	Multivariate Analysis of Temporal Descriptions of Open-field Behavior in Wild-derived Mouse Strains. <i>Behavior Genetics</i> , 2006, 36, 763-774.	2.1	50
17	Glutamatergic and GABAergic modulations of ultrasonic vocalizations during maternal separation distress in mouse pups. <i>Psychopharmacology</i> , 2009, 204, 61-71.	3.1	50
18	An emerging role for the lateral habenula in aggressive behavior. <i>Pharmacology Biochemistry and Behavior</i> , 2017, 162, 79-86.	2.9	48

#	ARTICLE	IF	CITATIONS
19	Glutamate Input in the Dorsal Raphe Nucleus As a Determinant of Escalated Aggression in Male Mice. <i>Journal of Neuroscience</i> , 2015, 35, 6452-6463.	3.6	47
20	Pup exposure facilitates retrieving behavior via the oxytocin neural system in female mice. <i>Psychoneuroendocrinology</i> , 2017, 79, 20-30.	2.7	46
21	GABAA receptors in the dorsal raphe nucleus of mice: escalation of aggression after alcohol consumption. <i>Psychopharmacology</i> , 2010, 211, 467-477.	3.1	44
22	Systematic analysis of emotionality in consomic mouse strains established from C57BL/6J and wild-derived MSM/Ms. <i>Genes, Brain and Behavior</i> , 2008, 7, 849-858.	2.2	42
23	NMDA receptor antagonism: escalation of aggressive behavior in alcohol-drinking mice. <i>Psychopharmacology</i> , 2012, 224, 167-177.	3.1	39
24	Escalated aggression in animal models: shedding new light on mesocorticolimbic circuits. <i>Current Opinion in Behavioral Sciences</i> , 2015, 3, 90-95.	3.9	38
25	Gene Expression in Aminergic and Peptidergic Cells During Aggression and Defeat: Relevance to Violence, Depression and Drug Abuse. <i>Behavior Genetics</i> , 2011, 41, 787-802.	2.1	32
26	Genetic Mapping of Social Interaction Behavior in B6/MSM Consomic Mouse Strains. <i>Behavior Genetics</i> , 2010, 40, 366-376.	2.1	27
27	Test standardization in behavioural neuroscience: a response to Stanford. <i>Journal of Psychopharmacology</i> , 2007, 21, 136-139.	4.0	26
28	Behavioral characterization of escalated aggression induced by GABAB receptor activation in the dorsal raphe nucleus. <i>Psychopharmacology</i> , 2012, 224, 155-166.	3.1	26
29	Infralimbic and dorsal raphe nucleus microinjection of the 5-HT1B receptor agonist CP-93,129: attenuation of aggressive behavior in CFW male mice. <i>Psychopharmacology</i> , 2012, 222, 117-128.	3.1	25
30	QTL analysis of measures of mouse home-cage activity using B6/MSM consomic strains. <i>Mammalian Genome</i> , 2010, 21, 477-485.	2.2	24
31	A New Twist on Behavioral Genetics by Incorporating Wild-Derived Mouse Strains. <i>Experimental Animals</i> , 2011, 60, 347-354.	1.1	21
32	Caspr3-Deficient Mice Exhibit Low Motor Learning during the Early Phase of the Accelerated Rotarod Task. <i>PLoS ONE</i> , 2016, 11, e0147887.	2.5	21
33	A male-specific QTL for social interaction behavior in mice mapped with automated pattern detection by a hidden Markov model incorporated into newly developed freeware. <i>Journal of Neuroscience Methods</i> , 2014, 234, 127-134.	2.5	20
34	Genetic mapping of escalated aggression in wild-derived mouse strain MSM/Ms: association with serotonin-related genes. <i>Frontiers in Neuroscience</i> , 2014, 8, 156.	2.8	19
35	δ -containing GABA(A) receptors: a requirement for midazolam-escalated aggression and social approach in mice. <i>Psychopharmacology</i> , 2015, 232, 4359-4369.	3.1	17
36	Neuromodulatory effect of interleukin 1β in the dorsal raphe nucleus on individual differences in aggression. <i>Molecular Psychiatry</i> , 2022, 27, 2563-2579.	7.9	14

#	ARTICLE	IF	CITATIONS
37	Serotonin and Aggression. Handbook of Behavioral Neuroscience, 2010, 21, 687-713.	0.7	13
38	Toward Understanding the Sex Differences in the Biological Mechanism of Social Stress in Mouse Models. Frontiers in Psychiatry, 2021, 12, 644161.	2.6	12
39	Use of A Standard Strain for External Calibration in Behavioral Phenotyping. Behavior Genetics, 2005, 35, 323-332.	2.1	11
40	Multigenic factors associated with a hydrocephalus-like phenotype found in inter-subspecific consomic mouse strains. Mammalian Genome, 2008, 19, 333-338.	2.2	8
41	B6-MSM Consomic Mouse Strains Reveal Multiple Loci for Genetic Variation in Sucrose Octaacetate Aversion. Behavior Genetics, 2011, 41, 716-723.	2.1	8
42	Mapping of Genetic Factors That Elicit Intermale Aggressive Behavior on Mouse Chromosome 15: Intruder Effects and the Complex Genetic Basis. PLoS ONE, 2015, 10, e0137764.	2.5	7
43	Automated Estimation of Mouse Social Behaviors Based on a Hidden Markov Model. Methods in Molecular Biology, 2017, 1552, 185-197.	0.9	7
44	Anticipating the Attack: Temporal Conditioning During Amygdala Kindling in Rats.. Behavioral Neuroscience, 2004, 118, 89-96.	1.2	6
45	Enhanced prepulse inhibition and low sensitivity to a dopamine agonist in HESR1 knockout mice. Journal of Neuroscience Research, 2014, 92, 287-297.	2.9	5
46	Conditioned effects of kindling three different sites in the hippocampal complex of the rat.. Behavioral Neuroscience, 2005, 119, 1572-1579.	1.2	4
47	Serotonin and aggression—an update. Handbook of Behavioral Neuroscience, 2020, 31, 635-663.	0.7	4
48	SDOP-DB: a comparative standardized-protocol database for mouse phenotypic analyses. Bioinformatics, 2010, 26, 1133-1134.	4.1	3
49	Social Stress and Aggression in Murine Models. Current Topics in Behavioral Neurosciences, 2021, , 1.	1.7	3
50	Combinatorial Psycho-Pharmacological Approaches for the Treatment of Abnormal Aggression. Neuropsychopharmacology, 2018, 43, 233-234.	5.4	0