

# Kathryn K Chadman

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,506  
citations

471509

17  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal aberrant behavioral phenotypes of neuroligin-3 R451C knockin mice. <i>Autism Research</i> , 2008, 1, 147-158.	3.8	263
2	Antioxidant-rich diets improve cerebellar physiology and motor learning in aged rats. <i>Brain Research</i> , 2000, 866, 211-217.	2.2	262
3	Brain IL-6 elevation causes neuronal circuitry imbalances and mediates autism-like behaviors. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 831-842.	3.8	186
4	Working memory deficits, increased anxiety-like traits, and seizure susceptibility in BDNF overexpressing mice. <i>Learning and Memory</i> , 2011, 18, 534-544.	1.3	108
5	Criteria for validating mouse models of psychiatric diseases. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 1-11.	1.7	96
6	Fluoxetine but not risperidone increases sociability in the BTBR mouse model of autism. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 97, 586-594.	2.9	95
7	Increasing Maternal or Post-Weaning Folic Acid Alters Gene Expression and Moderately Changes Behavior in the Offspring. <i>PLoS ONE</i> , 2014, 9, e101674.	2.5	83
8	Single-base resolution of mouse offspring brain methylome reveals epigenome modifications caused by gestational folic acid. <i>Epigenetics and Chromatin</i> , 2014, 7, 3.	3.9	57
9	Water T-maze: A useful assay for determination of repetitive behaviors in mice. <i>Journal of Neuroscience Methods</i> , 2013, 220, 24-29.	2.5	46
10	Microarray Analysis Reveals Higher Gestational Folic Acid Alters Expression of Genes in the Cerebellum of Mice Offspring—A Pilot Study. <i>Brain Sciences</i> , 2015, 5, 14-31.	2.3	35
11	Animal models for autism in 2017 and the consequential implications to drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 1187-1194.	5.0	33
12	NMDA receptor antagonism impairs reversal learning in developing rats. <i>Behavioral Neuroscience</i> , 2006, 120, 1071-1083.	1.2	32
13	New directions in the treatment of autism spectrum disorders from animal model research. <i>Expert Opinion on Drug Discovery</i> , 2012, 7, 407-416.	5.0	31
14	Chlorination byproducts induce gender specific autistic-like behaviors in CD-1 mice. <i>NeuroToxicology</i> , 2011, 32, 545-553.	3.0	23
15	Partial Agenesis and Hypoplasia of the Corpus Callosum in Idiopathic Autism. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 225-237.	1.7	21
16	Effect of normobaric hyperoxia on two indexes of synaptic function in fisher 344 rats. <i>Free Radical Biology and Medicine</i> , 1999, 26, 817-824.	2.9	20
17	Mice over-expressing BDNF in forebrain neurons develop an altered behavioral phenotype with age. <i>Behavioural Brain Research</i> , 2014, 268, 222-228.	2.2	18
18	Assessment of social interaction and anxiety-like behavior in senescence-accelerated-prone and -resistant mice. <i>Physiology and Behavior</i> , 2013, 118, 97-102.	2.1	17

#	ARTICLE	IF	CITATIONS
19	Cued and contextual fear conditioning in BTBR mice is improved with training or atomoxetine. <i>Neuroscience Letters</i> , 2013, 549, 120-124.	2.1	15
20	Do animal models hold value in Autism spectrum disorder (ASD) drug discovery?. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 727-734.	5.0	13
21	Cardiovascular Effects of Nicotine, Chlorisondamine, and Mecamylamine in the Pigeon. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 73-78.	2.5	11
22	Pharmacological inhibition of the primary endocannabinoid producing enzyme, DGL $\alpha$ , induces autism spectrum disorder-like and comorbid phenotypes in adult C57BL/6J mice. <i>Autism Research</i> , 2021, 14, 1375-1389.	3.8	11
23	Inbred strain preference in the BTBR T + Itpr3 tf/J mouse model of autism spectrum disorder: Does the stranger mouse matter in social approach?. <i>Autism Research</i> , 2019, 12, 1184-1191.	3.8	10
24	Behavioral Evaluation of Genetic Mouse Models of Autism. , 2011, , 906-934.		5
25	Making progress in autism drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2014, 9, 1389-1391.	5.0	4
26	Taurine Partially Improves Abnormal Anxiety in Taurine-Deficient Mice. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1155, 905-921.	1.6	4
27	Pharmacological inhibition of BKCa channels induces a specific social deficit in adult C57BL/6J mice.. <i>Behavioral Neuroscience</i> , 2021, 135, 462-468.	1.2	3
28	Chlorisondamine inhibits the nicotine-induced stimulation of c-fos in the pigeon brain for up to 2 weeks. <i>Nicotine and Tobacco Research</i> , 2007, 9, 927-936.	2.6	2
29	The BTBR T+tf/J (BTBR) Mouse Model of Autism. <i>Autism-open Access</i> , 2012, 01, .	0.2	2