

# Mu Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

4,276  
citations

331670

21  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

6073  
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavioural phenotyping assays for mouse models of autism. <i>Nature Reviews Neuroscience</i> , 2010, 11, 490-502.	10.2	1,248
2	Haploinsufficiency of the autism-associated Shank3 gene leads to deficits in synaptic function, social interaction, and social communication. <i>Molecular Autism</i> , 2010, 1, 15.	4.9	521
3	Automated Three-Chambered Social Approach Task for Mice. <i>Current Protocols in Neuroscience</i> , 2011, 56, Unit 8.26.	2.6	418
4	Simple Behavioral Assessment of Mouse Olfaction. <i>Current Protocols in Neuroscience</i> , 2009, 48, Unit 8.24.	2.6	401
5	Reduced Excitatory Neurotransmission and Mild Autism-Relevant Phenotypes in Adolescent Shank3 Null Mutant Mice. <i>Journal of Neuroscience</i> , 2012, 32, 6525-6541.	3.6	342
6	Behavioral Abnormalities and Circuit Defects in the Basal Ganglia of a Mouse Model of 16p11.2 Deletion Syndrome. <i>Cell Reports</i> , 2014, 7, 1077-1092.	6.4	208
7	Social deficits in BTBR T+tf/J mice are unchanged by cross-fostering with C57BL/6j mothers. <i>International Journal of Developmental Neuroscience</i> , 2007, 25, 515-521.	1.6	124
8	Social approach behaviors are similar on conventional versus reverse lighting cycles, and in replications across cohorts, in BTBR T+tf/J, C57BL/6J, and vasopressin receptor 1B mutant mice. <i>Frontiers in Behavioral Neuroscience</i> , 2007, 1, 1.	2.0	109
9	Postnatal lesion evidence against a primary role for the corpus callosum in mouse sociability. <i>European Journal of Neuroscience</i> , 2009, 29, 1663-1677.	2.6	104
10	The rat exposure test: a model of mouse defensive behaviors. <i>Physiology and Behavior</i> , 2004, 81, 465-473.	2.1	102
11	Low sociability in BTBR T+tf/J mice is independent of partner strain. <i>Physiology and Behavior</i> , 2012, 107, 649-662.	2.1	100
12	Translational Mouse Models of Autism: Advancing Toward Pharmacological Therapeutics. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 28, 1-52.	1.7	100
13	Social peers rescue autism-relevant sociability deficits in adolescent mice. <i>Autism Research</i> , 2011, 4, 17-27.	3.8	86
14	16p11.2 Deletion Syndrome Mice Display Sensory and Ultrasonic Vocalization Deficits During Social Interactions. <i>Autism Research</i> , 2015, 8, 507-521.	3.8	80
15	Male mice emit distinct ultrasonic vocalizations when the female leaves the social interaction arena. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 159.	2.0	56
16	16p11.2 Deletion mice display cognitive deficits in touchscreen learning and novelty recognition tasks. <i>Learning and Memory</i> , 2015, 22, 622-632.	1.3	53
17	Touchscreen learning deficits and normal social approach behavior in the Shank3B model of Phelan-McDermid Syndrome and autism. <i>Neuroscience</i> , 2017, 345, 155-165.	2.3	52
18	Light phase testing of social behaviors: not a problem. <i>Frontiers in Neuroscience</i> , 2008, 2, 186-191.	2.8	48

#	ARTICLE	IF	CITATIONS
19	Autism-specific maternal autoantibodies produce behavioral abnormalities in an endogenous antigen-driven mouse model of autism. <i>Molecular Psychiatry</i> , 2020, 25, 2994-3009.	7.9	42
20	Cell-type-specific regulation of neuronal intrinsic excitability by macroautophagy. <i>ELife</i> , 2020, 9, .	6.0	28
21	In tribute to Bob Blanchard: Divergent behavioral phenotypes of 16p11.2 deletion mice reared in same-genotype versus mixed-genotype cages. <i>Physiology and Behavior</i> , 2015, 146, 16-27.	2.1	24
22	Central infusion of ovine CRF (oCRF) potentiates defensive behaviors in CD-1 mice in the Mouse Defense Test Battery (MDTB). <i>Behavioural Brain Research</i> , 2006, 171, 1-8.	2.2	16
23	Astrocytic ApoE underlies maturation of hippocampal neurons and cognitive recovery after traumatic brain injury in mice. <i>Communications Biology</i> , 2021, 4, 1303.	4.4	14