

# Jian Xu

## List of Publications by Year in descending order

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16  
papers

745  
citations

840776

11  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1222  
citing authors

#	ARTICLE	IF	CITATIONS
1	mGluR5 Has a Critical Role in Inhibitory Learning. <i>Journal of Neuroscience</i> , 2009, 29, 3676-3684.	3.6	200
2	Visual Circuit Development Requires Patterned Activity Mediated by Retinal Acetylcholine Receptors. <i>Neuron</i> , 2014, 84, 1049-1064.	8.1	111
3	Genetically Targeted Binary Labeling of Retinal Neurons. <i>Journal of Neuroscience</i> , 2014, 34, 7845-7861.	3.6	72
4	mGluR5 in Cortical Excitatory Neurons Exerts Both Cell-Autonomous and -Nonautonomous Influences on Cortical Somatosensory Circuit Formation. <i>Journal of Neuroscience</i> , 2010, 30, 16896-16909.	3.6	58
5	Hippocampal Metaplasticity Is Required for the Formation of Temporal Associative Memories. <i>Journal of Neuroscience</i> , 2014, 34, 16762-16773.	3.6	51
6	Critical period inhibition of NKCC1 rectifies synapse plasticity in the somatosensory cortex and restores adult tactile response maps in fragile X mice. <i>Molecular Psychiatry</i> , 2019, 24, 1732-1747.	7.9	46
7	Delayed Maturation of Fast-Spiking Interneurons Is Rectified by Activation of the TrkB Receptor in the Mouse Model of Fragile X Syndrome. <i>Journal of Neuroscience</i> , 2017, 37, 11298-11310.	3.6	45
8	Subchronic phencyclidine treatment in adult mice increases GABAergic transmission and LTP threshold in the hippocampus. <i>Neuropharmacology</i> , 2016, 100, 90-97.	4.1	36
9	Potentiating mGluR5 function with a positive allosteric modulator enhances adaptive learning. <i>Learning and Memory</i> , 2013, 20, 438-445.	1.3	32
10	Complete Disruption of the Kainate Receptor Gene Family Results in Corticostriatal Dysfunction in Mice. <i>Cell Reports</i> , 2017, 18, 1848-1857.	6.4	25
11	Intersectional Strategies for Targeting Amacrine and Ganglion Cell Types in the Mouse Retina. <i>Frontiers in Neural Circuits</i> , 2018, 12, 66.	2.8	17
12	Kainate Receptors Inhibit Glutamate Release Via Mobilization of Endocannabinoids in Striatal Direct Pathway Spiny Projection Neurons. <i>Journal of Neuroscience</i> , 2018, 38, 3901-3910.	3.6	14
13	Genetic disruption of Grm5 causes complex alterations in motor activity, anxiety and social behaviors. <i>Behavioural Brain Research</i> , 2021, 411, 113378.	2.2	13
14	Chronic Nicotine Mitigates Aberrant Inhibitory Motor Learning Induced by Motor Experience under Dopamine Deficiency. <i>Journal of Neuroscience</i> , 2016, 36, 5228-5240.	3.6	11
15	Quantification of Adeno-Associated Virus with Safe Nucleic Acid Dyes. <i>Human Gene Therapy</i> , 2020, 31, 1086-1099.	2.7	11
16	A rapid in vitro method to flip back the double-floxed inverted open reading frame in a plasmid. <i>BMC Biotechnology</i> , 2018, 18, 52.	3.3	3