Shu-Ling Chiu

List of Publications by Year
in descending order

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		623734	888059
17	2,358	14	17
papers	citations	h-index	g-index

17	17	17	4477
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The C9orf72 repeat expansion disrupts nucleocytoplasmic transport. Nature, 2015, 525, 56-61.	27.8	835
2	Insulin Receptor Signaling Regulates Synapse Number, Dendritic Plasticity, and Circuit Function In Vivo. Neuron, 2008, 58, 708-719.	8.1	357
3	Glutamate Synapses in Human Cognitive Disorders. Annual Review of Neuroscience, 2015, 38, 127-149.	10.7	206
4	Insulin receptor signaling in the development of neuronal structure and function. Neural Development, 2010, 5, 7.	2.4	179
5	Palmitoylation by DHHC5/8 Targets GRIP1 to Dendritic Endosomes to Regulate AMPA-R Trafficking. Neuron, 2012, 73, 482-496.	8.1	155
6	Insect NMDA receptors mediate juvenile hormone biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 37-42.	7.1	101
7	In vivo single-cell electroporation for transfer of DNA and macromolecules. Nature Protocols, 2006, 1, 1267-1272.	12.0	84
8	Three-dimensional mapping of brain neuropils in the cockroach,Diploptera punctata. Journal of Comparative Neurology, 2001, 440, 1-11.	1.6	77
9	Neuropilin-2/PlexinA3 Receptors Associate with GluA1 and Mediate Sema3F-Dependent Homeostatic Scaling in Cortical Neurons. Neuron, 2017, 96, 1084-1098.e7.	8.1	68
10	Differential vesicular sorting of AMPA and GABA _A receptors. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E922-31.	7.1	58
11	Membrane targeted horseradish peroxidase as a marker for correlative fluorescence and electron microscopy studies. Frontiers in Neural Circuits, 2010, 4, 6.	2.8	57
12	Wnt5a is essential for hippocampal dendritic maintenance and spatial learning and memory in adult mice. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E619-E628.	7.1	57
13	GRASP1 Regulates Synaptic Plasticity and Learning through Endosomal Recycling of AMPA Receptors. Neuron, 2017, 93, 1405-1419.e8.	8.1	44
14	GRIP1 regulates synaptic plasticity and learning and memory. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25085-25091.	7.1	40
15	Co-expression of Argonaute2 enhances short hairpin RNA-induced RNA interference in Xenopus CNS neurons in vivo. Frontiers in Neuroscience, 2009, 3, 63.	2.8	14
16	Purkinje cell-specific Grip1/2 knockout mice show increased repetitive self-grooming and enhanced mGluR5 signaling in cerebellum. Neurobiology of Disease, 2019, 132, 104602.	4.4	14
17	Mice lacking GRIP1/2 show increased social interactions and enhanced phosphorylation at GluA2-S880. Behavioural Brain Research, 2017, 321, 176-184.	2.2	12