Takayasu Mikuni

List of Publications by Year in Descending Order

10 papers	498 citations	7 h-index	10 g-index
10 ext. papers	589 ext. citations	15 avg, IF	3.97 L-index

#	Paper	IF	Citations
10	Methodological approaches to understand the molecular mechanism of structural plasticity of dendritic spines. *European Journal of Neuroscience*, **2021**, 54, 6902-6911	3.5	2
9	Genome editing-based approaches for imaging protein localization and dynamics in the mammalian brain. *Neuroscience Research*, **2020**, 150, 2-7	2.9	4
8	Retrograde Signaling from Progranulin to Sort1 Counteracts Synapse Elimination in the Developing Cerebellum. *Neuron*, **2018**, 97, 796-805.e5	13.9	20
7	Alternative splicing in the C-terminal tail of Cav2.1 is essential for preventing a neurological disease in mice. *Human Molecular Genetics*, **2017**, 26, 3094-3104	5.6	6
6	Virus-Mediated Genome Editing via Homology-Directed Repair in Mitotic and Postmitotic Cells in Mammalian Brain. *Neuron*, **2017**, 96, 755-768.e5	13.9	127
5	High-Throughput, High-Resolution Mapping of Protein Localization in Mammalian Brain by In Vivo Genome Editing. *Cell*, **2016**, 165, 1803-1817	56.2	136
4	Correlative Ultrastructural Analysis of Functionally Modulated Synapses Using Automatic Tape-Collecting Ultramicrotome - SEM Array Tomography. *Microscopy and Microanalysis*, **2015**, 21, 1271-1272	0.5	14
3	Retrograde semaphorin signaling regulates synapse elimination in the developing mouse brain. *Science*, **2014**, 344, 1020-3	33.3	91
2	Global scaling down of excitatory postsynaptic responses in cerebellar Purkinje cells impairs developmental synapse elimination. *Cell Reports*, **2014**, 8, 1119-29	10.6	16
1	Arc/Arg3.1 is a postsynaptic mediator of activity-dependent synapse elimination in the developing cerebellum. *Neuron*, **2013**, 78, 1024-35	13.9	82