Yuki Hashimotodani

List of Publications by Year
in descending order

24 papers	5,053 citations	331670 21 h-index	580821 25 g-index
27 all docs	27 docs citations	27 times ranked	5961 citing authors

#	Article	IF	Citations
1	Endocannabinoid-Mediated Control of Synaptic Transmission. Physiological Reviews, 2009, 89, 309-380.	28.8	1,262
2	Near-infrared deep brain stimulation via upconversion nanoparticleâ€“mediated optogenetics. Science, 2018, 359, 679-684.	12.6	856
3	Endocannabinoid Signaling and Synaptic Function. Neuron, 2012, 76, 70-81.	8.1	824
4	The Endocannabinoid 2-Arachidonoylglycerol Produced by Diacylglycerol Lipase Î± Mediates Retrograde Suppression of Synaptic Transmission. Neuron, 2010, 65, 320-327.	8.1	407
5	Phospholipase CÎ² Serves as a Coincidence Detector through Its Ca2+ Dependency for Triggering Retrograde Endocannabinoid Signal. Neuron, 2005, 45, 257-268.	8.1	284
6	Synaptically Driven Endocannabinoid Release Requires Ca2+-Assisted Metabotropic Glutamate Receptor Subtype 1 to Phospholipase C Â4 Signaling Cascade in the Cerebellum. Journal of Neuroscience, 2005, 25, 6826-6835.	3.6	223
7	Endocannabinoids and Synaptic Function in the CNS. Neuroscientist, 2007, 13, 127-137.	3.5	165
8	Presynaptic Monoacylglycerol Lipase Activity Determines Basal Endocannabinoid Tone and Terminates Retrograde Endocannabinoid Signaling in the Hippocampus. Journal of Neuroscience, 2007, 27, 1211-1219.	3.6	163
9	A Missense Variation in Human Casein Kinase I Epsilon Gene that Induces Functional Alteration and Shows an Inverse Association with Circadian Rhythm Sleep Disorders. Neuropsychopharmacology, 2004, 29, 1901-1909.	5.4	120
10	Ca2+ activity at GABAB receptors constitutively promotes metabotropic glutamate signaling in the absence of GABA. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16952-16957.	7.1	104
11	Pharmacological evidence for the involvement of diacylglycerol lipase in depolarization-induced endocanabinoid release. Neuropharmacology, 2008, 54, 58-67.	4.1	83
12	Endocannabinoids and Retrograde Modulation of Synaptic Transmission. Neuroscientist, 2012, 18, 119-132.	3.5	82
13	Ca2+-assisted receptor-driven endocannabinoid release: mechanisms that associate presynaptic and postsynaptic activities. Current Opinion in Neurobiology, 2007, 17, 360-365.	4.2	73
14	LTP at Hilar Mossy Cell-Dentate Granule Cell Synapses Modulates Dentate Gyrus Output by Increasing Excitation/Inhibition Balance. Neuron, 2017, 95, 928-943.e3.	8.1	71
15	Endocannabinoid signalling triggered by NMDA receptorâ€mediated calcium entry into rat hippocampal neurons. Journal of Physiology, 2007, 584, 407-418.	2.9	51
16	Acute inhibition of diacylglycerol lipase blocks endocannabinoidâ€mediated retrograde signalling: evidence for onâ€demand biosynthesis of 2âarachidonoylglycerol. Journal of Physiology, 2013, 591, 4765-4776.	2.9	50
17	Supramammillary Nucleus Afferents to the Dentate Gyrus Co-release Glutamate and GABA and Potentiate Granule Cell Output. Cell Reports, 2018, 25, 2704-2715.e4.	6.4	49
18	Calcium signaling and synaptic modulation: Regulation of endocannabinoid-mediated synaptic modulation by calcium. Cell Calcium, 2005, 38, 369-374.	2.4	48

#	Article	IF	Citations
19	Emerging roles of ARHGAP33 in intracellular trafficking of TrkB and pathophysiology of neuropsychiatric disorders. Nature Communications, 2016, 7, 10594.	12.8	42
20	Roles of phospholipase CÎ² and NMDA receptor in activityâ€dependent endocannabinoid release. Journal of Physiology, 2007, 584, 373-380.	2.9	34
21	G protein-independent neuromodulatory action of adenosine on metabotropic glutamate signalling in mouse cerebellar Purkinje cells. Journal of Physiology, 2007, 581, 693-708.	2.9	27
22	Neuronal Protease-Activated Receptor 1 Drives Synaptic Retrograde Signaling Mediated by the Endocannabinoid 2-Arachidonoylglycerol. Journal of Neuroscience, 2011, 31, 3104-3109.	3.6	21
23	Excitatory selective LTP of supramammillary glutamatergic/GABAergic cotransmission potentiates dentate granule cell firing. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2119636119.	7.1	5
24	Traceable stimulus-dependent rapid molecular changes in dendritic spines in the brain. Scientific Reports, 2020, 10, 15266.	3.3	2