

Yuki Hashimotodani

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Excitatory selective LTP of supramammillary glutamatergic/GABAergic cotransmission potentiates dentate granule cell firing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2119636119. | 7.1 | 5 |
| 2 | Traceable stimulus-dependent rapid molecular changes in dendritic spines in the brain. <i>Scientific Reports</i> , 2020, 10, 15266. | 3.3 | 2 |
| 3 | Near-infrared deep brain stimulation via upconversion nanoparticle-mediated optogenetics. <i>Science</i> , 2018, 359, 679-684. | 12.6 | 856 |
| 4 | Supramammillary Nucleus Afferents to the Dentate Gyrus Co-release Glutamate and GABA and Potentiate Granule Cell Output. <i>Cell Reports</i> , 2018, 25, 2704-2715.e4. | 6.4 | 49 |
| 5 | LTP at Hilar Mossy Cell-Dentate Granule Cell Synapses Modulates Dentate Gyrus Output by Increasing Excitation/Inhibition Balance. <i>Neuron</i> , 2017, 95, 928-943.e3. | 8.1 | 71 |
| 6 | Emerging roles of ARHGAP33 in intracellular trafficking of TrkB and pathophysiology of neuropsychiatric disorders. <i>Nature Communications</i> , 2016, 7, 10594. | 12.8 | 42 |
| 7 | Acute inhibition of diacylglycerol lipase blocks endocannabinoid-mediated retrograde signalling: evidence for on-demand biosynthesis of 2-arachidonoylglycerol. <i>Journal of Physiology</i> , 2013, 591, 4765-4776. | 2.9 | 50 |
| 8 | Endocannabinoid Signaling and Synaptic Function. <i>Neuron</i> , 2012, 76, 70-81. | 8.1 | 824 |
| 9 | Endocannabinoids and Retrograde Modulation of Synaptic Transmission. <i>Neuroscientist</i> , 2012, 18, 119-132. | 3.5 | 82 |
| 10 | Neuronal Protease-Activated Receptor 1 Drives Synaptic Retrograde Signaling Mediated by the Endocannabinoid 2-Arachidonoylglycerol. <i>Journal of Neuroscience</i> , 2011, 31, 3104-3109. | 3.6 | 21 |
| 11 | The Endocannabinoid 2-Arachidonoylglycerol Produced by Diacylglycerol Lipase $\hat{=}$ Mediates Retrograde Suppression of Synaptic Transmission. <i>Neuron</i> , 2010, 65, 320-327. | 8.1 | 407 |
| 12 | Endocannabinoid-Mediated Control of Synaptic Transmission. <i>Physiological Reviews</i> , 2009, 89, 309-380. | 28.8 | 1,262 |
| 13 | Pharmacological evidence for the involvement of diacylglycerol lipase in depolarization-induced endocannabinoid release. <i>Neuropharmacology</i> , 2008, 54, 58-67. | 4.1 | 83 |
| 14 | Presynaptic Monoacylglycerol Lipase Activity Determines Basal Endocannabinoid Tone and Terminates Retrograde Endocannabinoid Signaling in the Hippocampus. <i>Journal of Neuroscience</i> , 2007, 27, 1211-1219. | 3.6 | 163 |
| 15 | Endocannabinoids and Synaptic Function in the CNS. <i>Neuroscientist</i> , 2007, 13, 127-137. | 3.5 | 165 |
| 16 | G protein-independent neuromodulatory action of adenosine on metabotropic glutamate signalling in mouse cerebellar Purkinje cells. <i>Journal of Physiology</i> , 2007, 581, 693-708. | 2.9 | 27 |
| 17 | Roles of phospholipase $C\hat{2}$ and NMDA receptor in activity-dependent endocannabinoid release. <i>Journal of Physiology</i> , 2007, 584, 373-380. | 2.9 | 34 |
| 18 | Endocannabinoid signalling triggered by NMDA receptor-mediated calcium entry into rat hippocampal neurons. <i>Journal of Physiology</i> , 2007, 584, 407-418. | 2.9 | 51 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Ca ²⁺ -assisted receptor-driven endocannabinoid release: mechanisms that associate presynaptic and postsynaptic activities. <i>Current Opinion in Neurobiology</i> , 2007, 17, 360-365. | 4.2 | 73 |
| 20 | Calcium signaling and synaptic modulation: Regulation of endocannabinoid-mediated synaptic modulation by calcium. <i>Cell Calcium</i> , 2005, 38, 369-374. | 2.4 | 48 |
| 21 | Synaptically Driven Endocannabinoid Release Requires Ca ²⁺ -Assisted Metabotropic Glutamate Receptor Subtype 1 to Phospholipase C β 4 Signaling Cascade in the Cerebellum. <i>Journal of Neuroscience</i> , 2005, 25, 6826-6835. | 3.6 | 223 |
| 22 | Phospholipase C β 2 Serves as a Coincidence Detector through Its Ca ²⁺ Dependency for Triggering Retrograde Endocannabinoid Signal. <i>Neuron</i> , 2005, 45, 257-268. | 8.1 | 284 |
| 23 | Ca ²⁺ activity at GABA _B receptors constitutively promotes metabotropic glutamate signaling in the absence of GABA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 16952-16957. | 7.1 | 104 |
| 24 | A Missense Variation in Human Casein Kinase I Epsilon Gene that Induces Functional Alteration and Shows an Inverse Association with Circadian Rhythm Sleep Disorders. <i>Neuropsychopharmacology</i> , 2004, 29, 1901-1909. | 5.4 | 120 |