

# Tetsuya Hori

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2788982/publications.pdf>

Version: 2024-02-01

18  
papers

473  
citations

933447

10  
h-index

1125743

13  
g-index

20  
all docs

20  
docs citations

20  
times ranked

489  
citing authors

#	ARTICLE	IF	CITATIONS
1	Presynaptic Mechanism for Phorbol Ester-Induced Synaptic Potentiation. Journal of Neuroscience, 1999, 19, 7262-7267.	3.6	138
2	Kinetics of Synaptic Vesicle Refilling with Neurotransmitter Glutamate. Neuron, 2012, 76, 511-517.	8.1	65
3	5-HT1B receptor-mediated presynaptic inhibition at the calyx of Held of immature rats. European Journal of Neuroscience, 2006, 24, 1946-1954.	2.6	60
4	The Role of GTP-Binding Protein Activity in Fast Central Synaptic Transmission. Science, 2000, 289, 460-463.	12.6	44
5	Mechanisms underlying short-term modulation of transmitter release by presynaptic depolarization. Journal of Physiology, 2009, 587, 2987-3000.	2.9	44
6	Presynaptic inhibition by muscimol through GABA <sub>B</sub> receptors. European Journal of Neuroscience, 2000, 12, 3433-3436.	2.6	35
7	Hapln4/Bral2 is a selective regulator for formation and transmission of GABAergic synapses between Purkinje and deep cerebellar nuclei neurons. Journal of Neurochemistry, 2018, 147, 748-763.	3.9	20
8	Vesicular Glutamate Transporter Expression Ensures High-Fidelity Synaptic Transmission at the Calyx of Held Synapses. Cell Reports, 2020, 32, 108040.	6.4	17
9	Vesicular GABA Uptake Can Be Rate Limiting for Recovery of IPSCs from Synaptic Depression. Cell Reports, 2018, 22, 3134-3141.	6.4	15
10	Impact of vesicular glutamate leakage on synaptic transmission at the calyx of Held. Journal of Physiology, 2017, 595, 1263-1271.	2.9	14
11	Microtubule assembly by tau impairs endocytosis and neurotransmission via dynamin sequestration in Alzheimer's disease synapse model. ELife, 2022, 11, .	6.0	8
12	Assessment of Possible Contributions of Hyaluronan and Proteoglycan Binding Link Protein 4 to Differential Perineuronal Net Formation at the Calyx of Held. Frontiers in Cell and Developmental Biology, 2021, 9, 730550.	3.7	7
13	4-Chloroamilofresol, an activator of ryanodine receptors, inhibits voltage-gated K <sup>+</sup> channels at the rat calyx of Held. European Journal of Neuroscience, 2007, 26, 1530-1536.	2.6	3
14	Patch-Clamp Recording Method in Slices for Studying Presynaptic Mechanisms. Springer Protocols, 2012, , 137-145.	0.3	1
15	Physiological Perspectives on Molecular Mechanisms and Regulation of Vesicular Glutamate Transport: Lessons From Calyx of Held Synapses. Frontiers in Cellular Neuroscience, 2021, 15, 811892.	3.7	1
16	Vesicular GABA Uptake Can Be Rate-Limiting for Recovery of IPSCs from Synaptic Depression. SSRN Electronic Journal, 0, , .	0.4	0
17	Presynaptic targeting g-CC reveals localized cAMP dynamics in hippocampal culture. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-1-40.	0.0	0
18	A Novel Method to Monitor GABA Loading into Synaptic Vesicles by Combining Patch Pipette Perfusion and Intracellular, Caged-GABA Photolysis in Brain Slice Preparations. Methods in Molecular Biology, 2022, 2417, 113-120.	0.9	0