

Hong-yuan Chu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

578
citations

840776

11
h-index

1058476

14
g-index

20
all docs

20
docs citations

20
times ranked

844
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Development in Studies of Tetrahydroprotoberberines: Mechanism in Antinociception and Drug Addiction. Cellular and Molecular Neurobiology, 2008, 28, 491-499.	3.3	129
2	Heterosynaptic Regulation of External Globus Pallidus Inputs to the Subthalamic Nucleus by the Motor Cortex. Neuron, 2015, 85, 364-376.	8.1	111
3	Loss of Hyperdirect Pathway Cortico-Subthalamic Inputs Following Degeneration of Midbrain Dopamine Neurons. Neuron, 2017, 95, 1306-1318.e5.	8.1	95
4	Target-Specific Suppression of GABA Release from Parvalbumin Interneurons in the Basolateral Amygdala by Dopamine. Journal of Neuroscience, 2012, 32, 14815-14820.	3.6	55
5	Hyperpolarization-activated, cyclic nucleotide-gated (HCN) channels in the regulation of midbrain dopamine systems. Acta Pharmacologica Sinica, 2010, 31, 1036-1043.	6.1	41
6	Maladaptive Downregulation of Autonomous Subthalamic Nucleus Activity following the Loss of Midbrain Dopamine Neurons. Cell Reports, 2019, 28, 992-1002.e4.	6.4	29
7	Activation of phosphatidylinositol-linked D1-like receptors increases spontaneous glutamate release in rat somatosensory cortical neurons in vitro. Brain Research, 2010, 1343, 20-27.	2.2	20
8	Synaptic and cellular plasticity in Parkinson's disease. Acta Pharmacologica Sinica, 2020, 41, 447-452.	6.1	17
9	SKF83959 suppresses excitatory synaptic transmission in rat hippocampus via a dopamine receptor-independent mechanism. Journal of Neuroscience Research, 2011, 89, 1259-1266.	2.9	16
10	Cell Type-Specific Decrease of the Intrinsic Excitability of Motor Cortical Pyramidal Neurons in Parkinsonism. Journal of Neuroscience, 2021, 41, 5553-5565.	3.6	16
11	Stepholidine-induced excitation of dopamine neurons in rat ventral tegmental area is associated with its 5-HT _{1A} receptor partial agonistic activity. Synapse, 2011, 65, 379-387.	1.2	14
12	Electrophysiological Effects of SKF83959 on Hippocampal CA1 Pyramidal Neurons: Potential Mechanisms for the Drug's Neuroprotective Effects. PLoS ONE, 2010, 5, e13118.	2.5	12
13	Synaptic location is a determinant of the detrimental effects of α -synuclein pathology to glutamatergic transmission in the basolateral amygdala. ELife, 0, 11, .	6.0	9
14	Emerging novel approaches to drug research and diagnosis of Parkinson's disease. Acta Pharmacologica Sinica, 2020, 41, 439-441.	6.1	8
15	Effects of SKF83959 on the excitability of hippocampal CA1 pyramidal neurons: a modeling study. Acta Pharmacologica Sinica, 2014, 35, 738-751.	6.1	4
16	Chemogenetic Restoration of Autonomous Subthalamic Nucleus Activity Ameliorates Parkinsonian Motor Dysfunction. SSRN Electronic Journal, 0, , .	0.4	0