

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