

Ping Zhong

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,329
citations

430874

18
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

2010
citing authors

#	ARTICLE	IF	CITATIONS
1	Autism-like Deficits in Shank3-Deficient Mice Are Rescued by Targeting Actin Regulators. <i>Cell Reports</i> , 2015, 11, 1400-1413.	6.4	245
2	Dopaminylation of histone H3 in ventral tegmental area regulates cocaine seeking. <i>Science</i> , 2020, 368, 197-201.	12.6	152
3	Memory Enhancement by Targeting Cdk5 Regulation of NR2B. <i>Neuron</i> , 2014, 81, 1070-1083.	8.1	116
4	Impaired Modulation of GABAergic Transmission by Muscarinic Receptors in a Mouse Transgenic Model of Alzheimer's Disease. <i>Journal of Biological Chemistry</i> , 2003, 278, 26888-26896.	3.4	66
5	Serotonin facilitates long-term depression induction in prefrontal cortex via p38 MAPK/Rab5-mediated enhancement of AMPA receptor internalization. <i>Journal of Physiology</i> , 2008, 586, 4465-4479.	2.9	66
6	Neural circuits and activity dynamics underlying sex-specific effects of chronic social isolation stress. <i>Cell Reports</i> , 2021, 34, 108874.	6.4	58
7	Amelioration of autism-like social deficits by targeting histone methyltransferases EHMT1/2 in Shank3-deficient mice. <i>Molecular Psychiatry</i> , 2020, 25, 2517-2533.	7.9	57
8	Chemogenetic Activation of Prefrontal Cortex Rescues Synaptic and Behavioral Deficits in a Mouse Model of 16p11.2 Deletion Syndrome. <i>Journal of Neuroscience</i> , 2018, 38, 5939-5948.	3.6	51
9	Behavioral, circuitry, and molecular aberrations by region-specific deficiency of the high-risk autism gene Cul3. <i>Molecular Psychiatry</i> , 2021, 26, 1491-1504.	7.9	49
10	Chemogenetic Restoration of the Prefrontal Cortex to Amygdala Pathway Ameliorates Stress-Induced Deficits. <i>Cerebral Cortex</i> , 2018, 28, 1980-1990.	2.9	47
11	Differential Regulation of the Excitability of Prefrontal Cortical Fast-Spiking Interneurons and Pyramidal Neurons by Serotonin and Fluoxetine. <i>PLoS ONE</i> , 2011, 6, e16970.	2.5	44
12	Regulation of N-Methyl-D-Aspartate Receptors by Disrupted-in-Schizophrenia-1. <i>Biological Psychiatry</i> , 2014, 75, 414-424.	1.3	41
13	Distinct Physiological Effects of Dopamine D4 Receptors on Prefrontal Cortical Pyramidal Neurons and Fast-Spiking Interneurons. <i>Cerebral Cortex</i> , 2016, 26, 180-191.	2.9	41
14	A β 2 Selectively Impairs mGluR7 Modulation of NMDA Signaling in Basal Forebrain Cholinergic Neurons: Implication in Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2014, 34, 13614-13628.	3.6	37
15	Partial Amelioration of Synaptic and Cognitive Deficits by Inhibiting Cofilin Dephosphorylation in an Animal Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1419-1432.	2.6	28
16	Dopamine Induces Oscillatory Activities in Human Midbrain Neurons with Parkin Mutations. <i>Cell Reports</i> , 2017, 19, 1033-1044.	6.4	27
17	Autism risk gene KMT5B deficiency in prefrontal cortex induces synaptic dysfunction and social deficits via alterations of DNA repair and gene transcription. <i>Neuropsychopharmacology</i> , 2021, 46, 1617-1626.	5.4	24
18	Molecular and cellular mechanisms for differential effects of chronic social isolation stress in males and females. <i>Molecular Psychiatry</i> , 2022, 27, 3056-3068.	7.9	24

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19	A novel role for the actin-binding protein drebrin in regulating opiate addiction. <i>Nature Communications</i> , 2019, 10, 4140.	12.8	23
20	Generation of Naivetropic Induced Pluripotent Stem Cells from Parkinson's Disease Patients for High-Efficiency Genetic Manipulation and Disease Modeling. <i>Stem Cells and Development</i> , 2015, 24, 2591-2604.	2.1	19
21	Aberrant regulation of synchronous network activity by the attention-deficit/hyperactivity disorder-associated human dopamine D4 receptor variant D4.7 in the prefrontal cortex. <i>Journal of Physiology</i> , 2016, 594, 135-147.	2.9	19
22	Restoration of Glutamatergic Transmission by Dopamine D4 Receptors in Stressed Animals. <i>Journal of Biological Chemistry</i> , 2013, 288, 26112-26120.	3.4	17
23	Dopamine Differentially Regulates Response Dynamics of Prefrontal Cortical Principal Neurons and Interneurons to Optogenetic Stimulation of Inputs from Ventral Tegmental Area. <i>Cerebral Cortex</i> , 2020, 30, 4402-4409.	2.9	16
24	Synergistic inhibition of histone modifiers produces therapeutic effects in adult Shank3-deficient mice. <i>Translational Psychiatry</i> , 2021, 11, 99.	4.8	16
25	The ADHD-linked human dopamine D4 receptor variant D4.7 induces over-suppression of NMDA receptor function in prefrontal cortex. <i>Neurobiology of Disease</i> , 2016, 95, 194-203.	4.4	14
26	Selective impairment of circuits between prefrontal cortex glutamatergic neurons and basal forebrain cholinergic neurons in a tauopathy mouse model. <i>Cerebral Cortex</i> , 2022, 32, 5569-5579.	2.9	11
27	Targeting histone demethylase LSD1 for treatment of deficits in autism mouse models. <i>Molecular Psychiatry</i> , 2022, 27, 3355-3366.	7.9	9
28	A convergent mechanism of high risk factors <i>ADNP</i> and <i>POGZ</i> in neurodevelopmental disorders. <i>Brain</i> , 2022, 145, 3250-3263.	7.6	9