

# Yu-Dong Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,173  
citations

393982

19  
h-index

476904

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1757  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing astrogenesis in the developing hippocampus induces autistic-like behavior in mice via enhancing inhibitory synaptic transmission. <i>Glia</i> , 2022, 70, 106-122.	2.5	13
2	A short period of early life oxytocin treatment rescues social behavior dysfunction via suppression of hippocampal hyperactivity in male mice. <i>Molecular Psychiatry</i> , 2022, 27, 4157-4171.	4.1	13
3	Reduced astrocytic mGluR5 in the hippocampus is associated with stress-induced depressive-like behaviors in mice. <i>Neuroscience Letters</i> , 2022, 784, 136766.	1.0	5
4	Ablating Adult Neural Stem Cells Improves Synaptic and Cognitive Functions in Alzheimer Models. <i>Stem Cell Reports</i> , 2021, 16, 89-105.	2.3	18
5	Histamine H1 receptor deletion in cholinergic neurons induces sensorimotor gating ability deficit and social impairments in mice. <i>Nature Communications</i> , 2021, 12, 1142.	5.8	21
6	Trilogy Development of Proopiomelanocortin Neurons From Embryonic to Adult Stages in the Mice Retina. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 718851.	1.8	3
7	Direct Septum-Hippocampus Cholinergic Circuit Attenuates Seizure Through Driving Somatostatin Inhibition. <i>Biological Psychiatry</i> , 2020, 87, 843-856.	0.7	55
8	Restoration of Cingulate Long-Term Depression by Enhancing Non-apoptotic Caspase 3 Alleviates Peripheral Pain Hypersensitivity. <i>Cell Reports</i> , 2020, 33, 108369.	2.9	21
9	Maternal immune activation alters visual acuity and retinogeniculate axon pruning in offspring mice. <i>Brain, Behavior, and Immunity</i> , 2020, 89, 518-523.	2.0	2
10	A disinhibitory nigra-para-fascicular pathway amplifies seizure in temporal lobe epilepsy. <i>Nature Communications</i> , 2020, 11, 923.	5.8	67
11	The Lateral Hypothalamic and BNST GABAergic Projections to the Anterior Ventrolateral Periaqueductal Gray Regulate Feeding. <i>Cell Reports</i> , 2019, 28, 616-624.e5.	2.9	44
12	Subicular pyramidal neurons gate drug resistance in temporal lobe epilepsy. <i>Annals of Neurology</i> , 2019, 86, 626-640.	2.8	35
13	Amyloid $\beta$ oligomers suppress excitatory transmitter release via presynaptic depletion of phosphatidylinositol-4,5-bisphosphate. <i>Nature Communications</i> , 2019, 10, 1193.	5.8	92
14	Postnatal Feeding With a Fat Rich Diet Induces Precocious Puberty Independent of Body Weight, Body Fat, and Leptin Levels in Female Mice. <i>Frontiers in Endocrinology</i> , 2019, 10, 758.	1.5	9
15	Rostral and Caudal Ventral Tegmental Area GABAergic Inputs to Different Dorsal Raphe Neurons Participate in Opioid Dependence. <i>Neuron</i> , 2019, 101, 748-761.e5.	3.8	50
16	Role of Nutrition in the Pathogenesis and Prevention of Non-alcoholic Fatty Liver Disease: Recent Updates. <i>International Journal of Biological Sciences</i> , 2019, 15, 265-276.	2.6	94
17	TLR4 deficiency abrogated widespread tactile allodynia, but not widespread thermal hyperalgesia and trigeminal neuropathic pain after partial infraorbital nerve transection. <i>Pain</i> , 2018, 159, 273-283.	2.0	16
18	Glial Regulation of Energy Metabolism. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1090, 105-121.	0.8	14

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19	Single Ethanol Withdrawal Regulates Extrasynaptic $\hat{\Gamma}$ -GABAA Receptors Via PKC $\hat{\Gamma}$ Activation. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 141.	1.4	7
20	Anterior Paraventricular Thalamus to Nucleus Accumbens Projection Is Involved in Feeding Behavior in a Novel Environment. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 202.	1.4	56
21	Pharmaco-genetic therapeutics targeting parvalbumin neurons attenuate temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2018, 117, 149-160.	2.1	44
22	Postnatal feeding with high-fat diet induces obesity and precocious puberty in C57BL/6J mouse pups: a novel model of obesity and puberty. <i>Frontiers of Medicine</i> , 2017, 11, 266-276.	1.5	27
23	Interleukin-1 $\hat{2}$ impedes oligodendrocyte progenitor cell recruitment and white matter repair following chronic cerebral hypoperfusion. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 93-105.	2.0	48
24	Transient increase of interleukin-1 $\hat{2}$ after prolonged febrile seizures promotes adult epileptogenesis through long-lasting upregulating endocannabinoid signaling. <i>Scientific Reports</i> , 2016, 6, 21931.	1.6	55
25	Expression and actions of GnIH and its orthologs in vertebrates: Current status and advanced knowledge. <i>Neuropeptides</i> , 2016, 59, 9-20.	0.9	28
26	Postnatal activation of TLR4 in astrocytes promotes excitatory synaptogenesis in hippocampal neurons. <i>Journal of Cell Biology</i> , 2016, 215, 719-734.	2.3	94
27	Toll-Like Receptor 4 Deficiency Causes Reduced Exploratory Behavior in Mice Under Approach-Avoidance Conflict. <i>Neuroscience Bulletin</i> , 2016, 32, 127-136.	1.5	26
28	Histidine provides long-term neuroprotection after cerebral ischemia through promoting astrocyte migration. <i>Scientific Reports</i> , 2015, 5, 15356.	1.6	50
29	Arrested maturation of excitatory synapses in autosomal dominant lateral temporal lobe epilepsy. <i>Nature Medicine</i> , 2009, 15, 1208-1214.	15.2	164