

# Zhuang-Li Hu

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Deficiency of Glycosylated Î±-Dystroglycan in Ventral Hippocampus Bridges the Destabilization of Gamma-Aminobutyric Acid Type A Receptors With the Depressive-like Behaviors of Male Mice. <i>Biological Psychiatry</i> , 2022, 91, 593-603.	1.3	8
2	Transcription Factor TWIST1 Integrates Dendritic Remodeling and Chronic Stress to Promote Depressive-like Behaviors. <i>Biological Psychiatry</i> , 2021, 89, 615-626.	1.3	28
3	The effects of Kctd12, an auxiliary subunit of GABAB receptor in dentate gyrus on behavioral response to chronic social defeat stress in mice. <i>Pharmacological Research</i> , 2021, 163, 105355.	7.1	5
4	Neuronal HMGB1 in nucleus accumbens regulates cocaine reward memory. <i>Addiction Biology</i> , 2020, 25, e12739.	2.6	12
5	SKF83959, an agonist of phosphatidylinositol-linked dopamine receptors, prevents renewal of extinguished conditioned fear and facilitates extinction. <i>Brain Research</i> , 2020, 1749, 147136.	2.2	4
6	Hippocampal CD39/ENTPD1 promotes mouse depression-like behavior through hydrolyzing extracellular ATP. <i>EMBO Reports</i> , 2020, 21, e47857.	4.5	30
7	Angiotensin-Converting Enzyme Inhibitor Rapidly Ameliorates Depressive-Type Behaviors via Bradykinin-Dependent Activation of Mammalian Target of Rapamycin Complex 1. <i>Biological Psychiatry</i> , 2020, 88, 415-425.	1.3	29
8	Response by the authors. <i>EMBO Reports</i> , 2020, 21, e51235.	4.5	1
9	SAR405, a Highly Specific VPS34 Inhibitor, Disrupts Auditory Fear Memory Consolidation of Mice via Facilitation of Inhibitory Neurotransmission in Basolateral Amygdala. <i>Biological Psychiatry</i> , 2019, 85, 214-225.	1.3	19
10	A-Kinase Anchoring Protein 150 and Protein Kinase A Complex in the Basolateral Amygdala Contributes to Depressive-like Behaviors Induced by Chronic Restraint Stress. <i>Biological Psychiatry</i> , 2019, 86, 131-142.	1.3	49
11	Gephyrin Palmitoylation in Basolateral Amygdala Mediates the Anxiolytic Action of Benzodiazepine. <i>Biological Psychiatry</i> , 2019, 85, 202-213.	1.3	17
12	Pannexin-1 channel dysfunction in the medial prefrontal cortex mediates depressive-like behaviors induced by chronic social defeat stress and administration of mefloquine in mice. <i>Neuropharmacology</i> , 2018, 137, 256-267.	4.1	18
13	Identification and Function of Acid-sensing Ion Channels in RAW 264.7 Macrophage Cells. <i>Current Medical Science</i> , 2018, 38, 436-442.	1.8	15
14	Effects and mechanisms of H <sup>+</sup> sensors on extracellular acidification-induced [Ca <sup>2+</sup> ] <sub>i</sub> elevation in cultured rat ventricular cardiomyocytes. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-3-1.	0.0	0
15	Pannexin-1 channel dysfunction in the medial prefrontal cortex mediates depressive-like behaviors in mice. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-1-10.	0.0	0
16	Activity-Dependent Hydrogen Sulfide Signal from Astrocyte Controls Contextual Fear Memory and Synaptic Plasticity via Gating d-Serine Availability. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, OR14-1.	0.0	0
17	Inhibition of caspase-1 improves the depressive-like behaviour via regulation of the stability of surface AMPARs. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-1-32.	0.0	0
18	Effects of hydrogen sulfide on the depressive-like behavior of rats. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-1-33.	0.0	0

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19	Rapid Antidepressant Effect of Hydrogen Sulfide: Evidence for Activation of mTORC1-TrkB-AMPA Receptor Pathways. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 472-488.	5.4	40
20	ASIC1 and ASIC3 contribute to acidity-induced EMT of pancreatic cancer through activating Ca <sup>2+</sup> /RhoA pathway. <i>Cell Death and Disease</i> , 2017, 8, e2806-e2806.	6.3	76
21	Multiple H <sup>+</sup> sensors mediate the extracellular acidification-induced [Ca <sup>2+</sup> ] <sub>i</sub> elevation in cultured rat ventricular cardiomyocytes. <i>Scientific Reports</i> , 2017, 7, 44951.	3.3	18
22	Sulfite triggers sustained calcium overload in cultured cortical neurons via a redox-dependent mechanism. <i>Toxicology Letters</i> , 2016, 258, 237-248.	0.8	13
23	Potential of Surface Stability of AMPA Receptors by Sulfhydryl Compounds: A Redox-Independent Effect by Disrupting Palmitoylation. <i>Neurochemical Research</i> , 2016, 41, 2890-2903.	3.3	4
24	Hydrogen Sulfide Promotes Surface Insertion of Hippocampal AMPA Receptor GluR1 Subunit via Phosphorylating at Serine <sup>831</sup> /Serine <sup>845</sup> Sites Through a Sulfhydration-Dependent Mechanism. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 789-798.	3.9	21
25	Cannabinoids increase mechanosensitivity of trigeminal ganglion neurons innervating the inner walls of rat anterior chambers via activation of TRPA1. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2016, 36, 727-731.	1.0	2
26	Acid-sensing ion channels in trigeminal ganglion neurons innervating the orofacial region contribute to orofacial inflammatory pain. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 193-202.	1.9	28
27	H <sub>2</sub> S-triggered AMPK Activation Phosphorylates GSK-3 $\beta$ and Induces LTP in Rat Hippocampus <i>In Vivo</i> . <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 525-531.	3.9	16
28	AMPK Mediates Glucocorticoids Stress-Induced Downregulation of the Glucocorticoid Receptor in Cultured Rat Prefrontal Cortical Astrocytes. <i>PLoS ONE</i> , 2016, 11, e0159513.	2.5	25
29	SKF83959 Produces Antidepressant Effects in a Chronic Social Defeat Stress Model of Depression through BDNF-TrkB Pathway. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, .	2.1	40
30	Activation of D1-like receptor-dependent phosphatidylinositol signal pathway by SKF83959 inhibits voltage-gated sodium channels in cultured striatal neurons. <i>Brain Research</i> , 2015, 1615, 71-79.	2.2	4
31	Propranolol decreases retention of fear memory by modulating the stability of surface glutamate receptor GluA1 subunits in the lateral amygdala. <i>British Journal of Pharmacology</i> , 2015, 172, 5068-5082.	5.4	22
32	Orexin-A Promotes Cell Migration in Cultured Rat Astrocytes via Ca <sup>2+</sup> -Dependent PKC $\delta$ and ERK1/2 Signals. <i>PLoS ONE</i> , 2014, 9, e95259.	2.5	24
33	Chronic ceftriaxone treatment rescues hippocampal memory deficit in AQP4 knockout mice via activation of GLT-1. <i>Neuropharmacology</i> , 2013, 75, 213-222.	4.1	65
34	The Stability of NR2B in the Nucleus Accumbens Controls Behavioral and Synaptic Adaptations to Chronic Stress. <i>Biological Psychiatry</i> , 2013, 74, 145-155.	1.3	40
35	Disruption of PICK1 attenuates the function of ASICs and PKC regulation of ASICs. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C1355-C1362.	4.6	36