Zhuang-Li Hu

List of Publications by Year
in descending order

35 papers	709 citations	516710 16 h-index	552781 26 g-index
35 all docs	35 docs citations	35 times ranked	1171 citing authors

#	Article	IF	Citations
1	ASIC1 and ASIC3 contribute to acidity-induced EMT of pancreatic cancer through activating Ca2+/RhoA pathway. Cell Death and Disease, 2017, 8, e2806-e2806.	6.3	76
2	Chronic ceftriaxone treatment rescues hippocampal memory deficit in AQP4 knockout mice via activation of GLT-1. Neuropharmacology, 2013, 75, 213-222.	4.1	65
3	A-Kinase Anchoring Protein 150 and Protein Kinase A Complex in the Basolateral Amygdala Contributes to Depressive-like Behaviors Induced by Chronic Restraint Stress. Biological Psychiatry, 2019, 86, 131-142.	1.3	49
4	The Stability of NR2B in the Nucleus Accumbens Controls Behavioral and Synaptic Adaptations to Chronic Stress. Biological Psychiatry, 2013, 74, 145-155.	1.3	40
5	SKF83959 Produces Antidepressant Effects in a Chronic Social Defeat Stress Model of Depression through BDNF-TrkB Pathway. International Journal of Neuropsychopharmacology, 2015, 18, .	2.1	40
6	Rapid Antidepressant Effect of Hydrogen Sulfide: Evidence for Activation of mTORC1-TrkB-AMPA Receptor Pathways. Antioxidants and Redox Signaling, 2017, 27, 472-488.	5.4	40
7	Disruption of PICK1 attenuates the function of ASICs and PKC regulation of ASICs. American Journal of Physiology - Cell Physiology, 2010, 299, C1355-C1362.	4.6	36
8	Hippocampal <scp>CD</scp> 39/ <scp>ENTPD</scp> 1 promotes mouse depressionâ€like behavior through hydrolyzing extracellular <scp>ATP</scp>. EMBO Reports, 2020, 21, e47857.	4.5	30
9	Angiotensin-Converting Enzyme Inhibitor Rapidly Ameliorates Depressive-Type Behaviors via Bradykinin-Dependent Activation of Mammalian Target of Rapamycin Complex 1. Biological Psychiatry, 2020, 88, 415-425.	1.3	29
10	Acidâ€sensing ion channels in trigeminal ganglion neurons innervating the orofacial region contribute to orofacial inflammatory pain. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 193-202.	1.9	28
11	Transcription Factor TWIST1 Integrates Dendritic Remodeling and Chronic Stress to Promote Depressive-like Behaviors. Biological Psychiatry, 2021, 89, 615-626.	1.3	28
12	AMPK Mediates Glucocorticoids Stress-Induced Downregulation of the Glucocorticoid Receptor in Cultured Rat Prefrontal Cortical Astrocytes. PLoS ONE, 2016, 11, e0159513.	2.5	25
13	Orexin-A Promotes Cell Migration in Cultured Rat Astrocytes via Ca2+-Dependent PKCÎ± and ERK1/2 Signals. PLoS ONE, 2014, 9, e95259.	2.5	24
14	Propranolol decreases retention of fear memory by modulating the stability of surface glutamate receptor GluA1 subunits in the lateral amygdala. British Journal of Pharmacology, 2015, 172, 5068-5082.	5.4	22
15	Hydrogen Sulfide Promotes Surface Insertion of Hippocampal <scp>AMPA</scp> Receptor GluR1 Subunit via Phosphorylating at Serineâ€831/Serineâ€845 Sites Through a Sulfhydrationâ€Dependent Mechanism. CNS Neuroscience and Therapeutics, 2016, 22, 789-798.	3.9	21
16	SAR405, a Highly Specific VPS34 Inhibitor, Disrupts Auditory Fear Memory Consolidation of Mice via Facilitation of Inhibitory Neurotransmission in Basolateral Amygdala. Biological Psychiatry, 2019, 85, 214-225.	1.3	19
17	Multiple H+ sensors mediate the extracellular acidification-induced [Ca2+]i elevation in cultured rat ventricular cardiomyocytes. Scientific Reports, 2017, 7, 44951.	3.3	18
18	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. Neuropharmacology, 2018, 137, 256-267.	4.1	18

#	Article	IF	Citations
19	Gephyrin Palmitoylation in Basolateral Amygdala Mediates the Anxiolytic Action of Benzodiazepine. Biological Psychiatry, 2019, 85, 202-213.	1.3	17
20	<scp>HFS</scp>â€Triggered <scp>AMPK</scp> Activation Phosphorylates <scp>GSK</scp>3Î² and Induces Eâ€<scp>LTP</scp> in Rat Hippocampus In Vivo. CNS Neuroscience and Therapeutics, 2016, 22, 525-531.	3.9	16
21	Identification and Function of Acid-sensing Ion Channels in RAW 264.7 Macrophage Cells. Current Medical Science, 2018, 38, 436-442.	1.8	15
22	Sulfite triggers sustained calcium overload in cultured cortical neurons via a redox-dependent mechanism. Toxicology Letters, 2016, 258, 237-248.	0.8	13
23	Neuronal <scp>HMGB1</scp> in nucleus accumbens regulates cocaine reward memory. Addiction Biology, 2020, 25, e12739.	2.6	12
24	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. Biological Psychiatry, 2022, 91, 593-603.	1.3	8
25	The effects of Kctd12, an auxiliary subunit of GABAB receptor in dentate gyrus on behavioral response to chronic social defeat stress in mice. Pharmacological Research, 2021, 163, 105355.	7.1	5
26	Activation of D1-like receptor-dependent phosphatidylinositol signal pathway by SKF83959 inhibits voltage-gated sodium channels in cultured striatal neurons. Brain Research, 2015, 1615, 71-79.	2.2	4
27	Potentiation of Surface Stability of AMPA Receptors by Sulfhydryl Compounds: A Redox-Independent Effect by Disrupting Palmitoylation. Neurochemical Research, 2016, 41, 2890-2903.	3.3	4
28	SKF83959, an agonist of phosphatidylinositol-linked dopamine receptors, prevents renewal of extinguished conditioned fear and facilitates extinction. Brain Research, 2020, 1749, 147136.	2.2	4
29	Cannabinoids increase mechanosensitivity of trigeminal ganglion neurons innervating the inner walls of rat anterior chambers via activation of TRPA1. Journal of Huazhong University of Science and Technology [Medical Sciences], 2016, 36, 727-731.	1.0	2
30	Response by the authors. EMBO Reports, 2020, 21, e51235.	4.5	1
31	Effects and mechanisms of H+ sensors on extracellular acidification-induced [Ca2+]i elevation in cultured rat ventricular cardiomyocytes. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-3-1.	0.0	0
32	Pannexin-1 channel dysfunction in the medial prefrontal cortex mediates depressive-like behaviors in mice. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-1-10.	0.0	0
33	Activity-Dependent Hydrogen Sulfide Signal from Astrocyte Controls Contexual Fear Memory and Synaptic Plasticity via Gating d-Serine Availability. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR14-1.	0.0	0
34	Inhibition of caspase-1 improves the depressive-like behaviour via regulation of the stability of surface AMPARs. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-1-32.	0.0	0
35	Effects of hydrogen sulfide on the depressive-like behavior of rats. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-1-33.	0.0	0