

Dong-Ya Zhu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56

papers

2,425

citations

26

h-index

49

g-index

57

ext. papers

2,986

ext. citations

7.4

avg, IF

4.93

L-index

#	Paper	IF	Citations
56	Endothelial ETS1 inhibition exacerbate blood-brain barrier dysfunction in multiple sclerosis through inducing endothelial-to-mesenchymal transition.. <i>Cell Death and Disease</i> , 2022 , 13, 462	9.8	0
55	Neuronal nitric oxide synthase in dorsal raphe nucleus mediates PTSD-like behaviors induced by single-prolonged stress through inhibiting serotonergic neurons activity. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 585, 139-145	3.4	0
54	Projections from Infralimbic Cortex to Paraventricular Thalamus Mediate Fear Extinction Retrieval. <i>Neuroscience Bulletin</i> , 2021 , 37, 229-241	4.3	7
53	Dorsal Hippocampus to Infralimbic Cortex Circuit is Essential for the Recall of Extinction Memory. <i>Cerebral Cortex</i> , 2021 , 31, 1707-1718	5.1	5
52	Neuronal Nitric Oxide Synthase in Nucleus Accumbens Specifically Mediates Susceptibility to Social Defeat Stress through Cyclin-Dependent Kinase 5. <i>Journal of Neuroscience</i> , 2021 , 41, 2523-2539	6.6	3
51	A pain killer without analgesic tolerance designed by co-targeting PSD-95-nNOS interaction and κ -containing GABARs. <i>Theranostics</i> , 2021 , 11, 5970-5985	12.1	4
50	nNOS-expressing neurons in the vmPFC transform pPVT-derived chronic pain signals into anxiety behaviors. <i>Nature Communications</i> , 2020 , 11, 2501	17.4	22
49	HDAC2 (Histone deacetylase 2): A critical factor in environmental enrichment-mediated stroke recovery. <i>Journal of Neurochemistry</i> , 2020 , 155, 679-696	6	5
48	Uncoupling nNOS-PSD-95 in mPFC inhibits morphine priming-induced reinstatement after extinction training. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 525, 520-527	3.4	1
47	Prolonged Use of NMDAR Antagonist Develops Analgesic Tolerance in Neuropathic Pain via Nitric Oxide Reduction-Induced GABAergic Disinhibition. <i>Neurotherapeutics</i> , 2020 , 17, 1016-1030	6.4	7
46	nNOS-CAPON blockers produce anxiolytic effects by promoting synaptogenesis in chronic stress-induced animal models of anxiety. <i>British Journal of Pharmacology</i> , 2020 , 177, 3674-3690	8.6	9
45	Anterior Cingulate Cortex to Ventral Hippocampus Circuit Mediates Contextual Fear Generalization. <i>Journal of Neuroscience</i> , 2019 , 39, 5728-5739	6.6	26
44	Uncoupling nNOS-PSD-95 in the ACC can inhibit contextual fear generalization. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 513, 248-254	3.4	3
43	Dissociating nNOS (Neuronal NO Synthase)-CAPON (Carboxy-Terminal Postsynaptic Density-95/Discs Large/Zona Occludens-1 Ligand of nNOS) Interaction Promotes Functional Recovery After Stroke via Enhanced Structural Neuroplasticity. <i>Stroke</i> , 2019 , 50, 728-737	6.7	13
42	Extracellular regulated protein kinase is critical for the role of 5-HT1a receptor in modulating nNOS expression and anxiety-related behaviors. <i>Behavioural Brain Research</i> , 2019 , 357-358, 88-97	3.4	11
41	nNOS-CAPON interaction mediates amyloid- β -induced neurotoxicity, especially in the early stages. <i>Aging Cell</i> , 2018 , 17, e12754	9.9	12
40	(+)-Borneol suppresses conditioned fear recall and anxiety-like behaviors in mice. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 1588-1593	3.4	11

39	Dissociation of nNOS from PSD-95 promotes functional recovery after cerebral ischaemia in mice through reducing excessive tonic GABA release from reactive astrocytes. <i>Journal of Pathology</i> , 2018 , 244, 176-188	9.4	19
38	Sucrose preference test for measurement of stress-induced anhedonia in mice. <i>Nature Protocols</i> , 2018 , 13, 1686-1698	18.8	198
37	Hippocampal nuclear factor kappa B accounts for stress-induced anxiety behaviors via enhancing neuronal nitric oxide synthase (nNOS)-carboxy-terminal PDZ ligand of nNOS-Dexas1 coupling. <i>Journal of Neurochemistry</i> , 2018 , 146, 598-612	6	19
36	2-Methyl-5H-benzo[d]pyrazolo[5,1-b][1,3]oxazin-5-imine, an edaravone analog, exerts neuroprotective effects against acute ischemic injury via inhibiting oxidative stress. <i>Journal of Biomedical Research</i> , 2018 , 32, 270-280	1.5	2
35	Neuronal nitric oxide synthase and affective disorders. <i>IBRO Reports</i> , 2018 , 5, 116-132	2	38
34	PSD-95-nNOS Coupling Regulates Contextual Fear Extinction in the Dorsal CA3. <i>Scientific Reports</i> , 2018 , 8, 12775	4.9	15
33	ZL006 promotes migration and differentiation of transplanted neural stem cells in male rats after stroke. <i>Journal of Neuroscience Research</i> , 2017 , 95, 2409-2419	4.4	6
32	Opening a New Time Window for Treatment of Stroke by Targeting HDAC2. <i>Journal of Neuroscience</i> , 2017 , 37, 6712-6728	6.6	41
31	Inhibiting Histone Deacetylase 2 (HDAC2) Promotes Functional Recovery From Stroke. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	29
30	Disrupting nNOS-PSD-95 coupling in the hippocampal dentate gyrus promotes extinction memory retrieval. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 493, 862-868	3.4	10
29	Hippocampal TERT Regulates Spatial Memory Formation through Modulation of Neural Development. <i>Stem Cell Reports</i> , 2017 , 9, 543-556	8	19
28	(+)-Borneol is neuroprotective against permanent cerebral ischemia in rats by suppressing production of proinflammatory cytokines. <i>Journal of Biomedical Research</i> , 2017 , 31, 306-314	1.5	12
27	Neuroprotection of taurine against reactive oxygen species is associated with inhibiting NADPH oxidases. <i>European Journal of Pharmacology</i> , 2016 , 777, 129-35	5.3	27
26	No Association Between Single-Nucleotide Polymorphism 56 (SNP56) in Phosphodiesterase 4D (PDE4D) Gene and Susceptibility to Ischemic Stroke: A Meta-Analysis of 15 Studies. <i>Medical Science Monitor</i> , 2016 , 22, 3820-3827	3.2	1
25	CREB-mediated synaptogenesis and neurogenesis is crucial for the role of 5-HT1a receptors in modulating anxiety behaviors. <i>Scientific Reports</i> , 2016 , 6, 29551	4.9	27
24	No Association Between SNP56 in PDE4D Gene and Susceptibility to Ischemic Stroke: A Meta-Analysis of 15 Studies. <i>Medical Science Monitor</i> , 2016 , 22, 3820-3827	3.2	
23	Delayed Administration of Tat-HA-NR2B9c Promotes Recovery After Stroke in Rats. <i>Stroke</i> , 2015 , 46, 1352-8	6.7	30
22	Response to Letter Regarding Article, "Delayed Administration of Tat-HA-NR2B9c Promotes Recovery After Stroke in Rats". <i>Stroke</i> , 2015 , 46, e193	6.7	

21	Efficient generation of region-specific forebrain neurons from human pluripotent stem cells under highly defined condition. <i>Scientific Reports</i> , 2015 , 5, 18550	4.9	35
20	CAPON-nNOS coupling can serve as a target for developing new anxiolytics. <i>Nature Medicine</i> , 2014 , 20, 1050-4	50.5	54
19	Hippocampus and nitric oxide. <i>Vitamins and Hormones</i> , 2014 , 96, 127-60	2.5	27
18	Interaction of nNOS with PSD-95 negatively controls regenerative repair after stroke. <i>Journal of Neuroscience</i> , 2014 , 34, 13535-48	6.6	51
17	The synergetic effect of edaravone and borneol in the rat model of ischemic stroke. <i>European Journal of Pharmacology</i> , 2014 , 740, 522-31	5.3	45
16	The different roles of glucocorticoids in the hippocampus and hypothalamus in chronic stress-induced HPA axis hyperactivity. <i>PLoS ONE</i> , 2014 , 9, e97689	3.7	57
15	Hippocampal nitric oxide contributes to sex difference in affective behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 14224-9	11.5	60
14	Cloning, expression, and purification of a recombinant Tat-HA-NR2B9c peptide. <i>Protein Expression and Purification</i> , 2012 , 85, 239-45	2	8
13	Significant implications of Bcl-2 in the formation of striatonigral projection neurons in the ischemic striatum. <i>Neuroscience Bulletin</i> , 2012 , 28, 667-8	4.3	
12	Research progress on neurobiology of neuronal nitric oxide synthase. <i>Neuroscience Bulletin</i> , 2011 , 27, 23-35	4.3	36
11	Hippocampal neuronal nitric oxide synthase mediates the stress-related depressive behaviors of glucocorticoids by downregulating glucocorticoid receptor. <i>Journal of Neuroscience</i> , 2011 , 31, 7579-90	6.6	101
10	Hippocampal telomerase is involved in the modulation of depressive behaviors. <i>Journal of Neuroscience</i> , 2011 , 31, 12258-69	6.6	75
9	Treatment of cerebral ischemia by disrupting ischemia-induced interaction of nNOS with PSD-95. <i>Nature Medicine</i> , 2010 , 16, 1439-43	50.5	255
8	Neuronal nitric oxide synthase alteration accounts for the role of 5-HT1A receptor in modulating anxiety-related behaviors. <i>Journal of Neuroscience</i> , 2010 , 30, 2433-41	6.6	107
7	Bidirectional regulation of neurogenesis by neuronal nitric oxide synthase derived from neurons and neural stem cells. <i>Stem Cells</i> , 2010 , 28, 2041-52	5.8	52
6	Chronic fluoxetine treatment improves ischemia-induced spatial cognitive deficits through increasing hippocampal neurogenesis after stroke. <i>Journal of Neuroscience Research</i> , 2009 , 87, 112-22	4.4	100
5	Neuronal nitric oxide synthase: structure, subcellular localization, regulation, and clinical implications. <i>Nitric Oxide - Biology and Chemistry</i> , 2009 , 20, 223-30	5	460
4	Negative regulation of neurogenesis and spatial memory by NR2B-containing NMDA receptors. <i>Journal of Neurochemistry</i> , 2008 , 106, 1900-13	6	57

3	DETA/NONOate, a nitric oxide donor, produces antidepressant effects by promoting hippocampal neurogenesis. <i>Psychopharmacology</i> , 2008 , 200, 231-42	4-7	26
2	Neuronal nitric oxide synthase contributes to chronic stress-induced depression by suppressing hippocampal neurogenesis. <i>Journal of Neurochemistry</i> , 2007 , 103, 1843-54	6	174
1	Potential Role of NO in Modulation of COX-2 Expression and PGE2 Production in Pancreatic β cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2005 , 37, 139-146	2.8	12