

Ying-Dong Zhang

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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.

73 papers	1,516 citations	21 h-index	37 g-index
78 ext. papers	1,912 ext. citations	4.6 avg, IF	4.44 L-index

#	Paper	IF	Citations
73	Upregulation of TREM2 ameliorates neuropathology and rescues spatial cognitive impairment in a transgenic mouse model of Alzheimer's disease. <i>Neuropsychopharmacology</i> , 2014 , 39, 2949-62	8.7	168
72	Temsirolimus promotes autophagic clearance of amyloid- β and provides protective effects in cellular and animal models of Alzheimer's disease. <i>Pharmacological Research</i> , 2014 , 81, 54-63	10.2	129
71	TREM2 modifies microglial phenotype and provides neuroprotection in P301S tau transgenic mice. <i>Neuropharmacology</i> , 2016 , 105, 196-206	5.5	99
70	Temsirolimus attenuates tauopathy in vitro and in vivo by targeting tau hyperphosphorylation and autophagic clearance. <i>Neuropharmacology</i> , 2014 , 85, 121-30	5.5	90
69	Triggering receptor expressed on myeloid cells 2 knockdown exacerbates aging-related neuroinflammation and cognitive deficiency in senescence-accelerated mouse prone 8 mice. <i>Neurobiology of Aging</i> , 2014 , 35, 1243-51	5.6	69
68	Central administration of angiotensin-(1-7) stimulates nitric oxide release and upregulates the endothelial nitric oxide synthase expression following focal cerebral ischemia/reperfusion in rats. <i>Neuropeptides</i> , 2008 , 42, 593-600	3.3	66
67	Silencing of TREM2 exacerbates tau pathology, neurodegenerative changes, and spatial learning deficits in P301S tau transgenic mice. <i>Neurobiology of Aging</i> , 2015 , 36, 3176-3186	5.6	60
66	Inhibition of endoplasmic reticulum stress-activated IRE1 α -RAF2-caspase-12 apoptotic pathway is involved in the neuroprotective effects of telmisartan in the rotenone rat model of Parkinson's disease. <i>European Journal of Pharmacology</i> , 2016 , 776, 106-15	5.3	53
65	A rare coding variant in TREM2 increases risk for Alzheimer's disease in Han Chinese. <i>Neurobiology of Aging</i> , 2016 , 42, 217.e1-3	5.6	53
64	Angiotensin-(1-7) is Reduced and Inversely Correlates with Tau Hyperphosphorylation in Animal Models of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2016 , 53, 2489-97	6.2	49
63	PM2.5 exposure aggravates oligomeric amyloid beta-induced neuronal injury and promotes NLRP3 inflammasome activation in an in vitro model of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2018 , 15, 132	10.1	47
62	Salubrinal protects against rotenone-induced SH-SY5Y cell death via ATF4-parkin pathway. <i>Brain Research</i> , 2014 , 1549, 52-62	3.7	44
61	TREM1 facilitates microglial phagocytosis of amyloid beta. <i>Acta Neuropathologica</i> , 2016 , 132, 667-683	14.3	42
60	Abnormal pulmonary function and respiratory muscle strength findings in Chinese patients with Parkinson's disease and multiple system atrophy--comparison with normal elderly. <i>PLoS ONE</i> , 2014 , 9, e116123	3.7	36
59	Comparative diagnostic accuracy of ACE-III and MoCA for detecting mild cognitive impairment. <i>Neuropsychiatric Disease and Treatment</i> , 2019 , 15, 2647-2653	3.1	31
58	TREM2 Overexpression has No Improvement on Neuropathology and Cognitive Impairment in Aging APPswe/PS1dE9 Mice. <i>Molecular Neurobiology</i> , 2017 , 54, 855-865	6.2	28
57	TREM2 Ameliorates Neuronal Tau Pathology Through Suppression of Microglial Inflammatory Response. <i>Inflammation</i> , 2018 , 41, 811-823	5.1	28

56	PPAR γ Agonist alleviates NLRP3 inflammasome-mediated neuroinflammation in the MPTP mouse model of Parkinson's disease. <i>Behavioural Brain Research</i> , 2019 , 356, 483-489	3.4	27
55	Angiotensin AT2 receptor stimulation inhibits activation of NADPH oxidase and ameliorates oxidative stress in rotenone model of Parkinson's disease in CATH.a cells. <i>Neurotoxicology and Teratology</i> , 2015 , 47, 16-24	3.9	26
54	PPAR γ Agonist Provides Neuroprotection by Suppression of IRE1 α -Caspase-12-Mediated Endoplasmic Reticulum Stress Pathway in the Rotenone Rat Model of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2016 , 53, 3822-3831	6.2	24
53	The association of neutrophil to lymphocyte ratio, platelet to lymphocyte ratio, and lymphocyte to monocyte ratio with post-thrombolysis early neurological outcomes in patients with acute ischemic stroke. <i>Journal of Neuroinflammation</i> , 2021 , 18, 51	10.1	23
52	Activation of Autophagy Contributes to the Angiotensin II-Triggered Apoptosis in a Dopaminergic Neuronal Cell Line. <i>Molecular Neurobiology</i> , 2016 , 53, 2911-2919	6.2	20
51	Age-related differences in interferon regulatory factor-4 and -5 signaling in ischemic brains of mice. <i>Acta Pharmacologica Sinica</i> , 2017 , 38, 1425-1434	8	20
50	Indirubin-3'-monoxime inhibits beta-amyloid-induced neurotoxicity in neuroblastoma SH-SY5Y cells. <i>Neuroscience Letters</i> , 2009 , 450, 142-6	3.3	19
49	Independent Correlation of Serum Homocysteine with Cerebral Microbleeds in Patients with Acute Ischemic Stroke due to Large-Artery Atherosclerosis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016 , 25, 2746-2751	2.8	16
48	Relationship of homocysteine and gene polymorphisms of its related metabolic enzymes with Alzheimer's disease. <i>Chinese Medical Sciences Journal</i> , 2005 , 20, 247-51	1.3	16
47	Indirubin-3'-monoxime suppresses amyloid-beta-induced apoptosis by inhibiting tau hyperphosphorylation. <i>Neural Regeneration Research</i> , 2016 , 11, 988-93	4.5	13
46	Soluble TREM1 concentrations are increased and positively correlated with total tau levels in the plasma of patients with Alzheimer's disease. <i>Aging Clinical and Experimental Research</i> , 2019 , 31, 1801-1805	4.8	12
45	The effects of previous statin treatment on plasma matrix metalloproteinase-9 level in Chinese stroke patients undergoing thrombolysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014 , 23, 2788-2793	2.8	12
44	Leukoaraiosis is associated with poor outcomes after successful recanalization for large vessel occlusion stroke. <i>Neurological Sciences</i> , 2019 , 40, 585-591	3.5	12
43	Profile and 1-Year Outcome of Ischemic Stroke in East China: Nanjing First Hospital Stroke Registry. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016 , 25, 49-56	2.8	11
42	The association between hyperglycemia and the prognosis of acute spontaneous intracerebral hemorrhage. <i>Neurological Research</i> , 2017 , 39, 152-157	2.7	10
41	Neutrophil-lymphocyte ratio predicts post-thrombolysis early neurological deterioration in acute ischemic stroke patients. <i>Brain and Behavior</i> , 2019 , 9, e01426	3.4	10
40	Different Patterns of Functional Connectivity Alterations Within the Default-Mode Network and Sensorimotor Network in Basal Ganglia and Pontine Stroke. <i>Medical Science Monitor</i> , 2019 , 25, 9585-9593	3.2	10
39	A Missense Variant in TREML2 Reduces Risk of Alzheimer's Disease in a Han Chinese Population. <i>Molecular Neurobiology</i> , 2017 , 54, 977-982	6.2	9

38	Azilsartan ameliorates apoptosis of dopaminergic neurons and rescues characteristic parkinsonian behaviors in a rat model of Parkinson's disease. <i>Oncotarget</i> , 2017 , 8, 24099-24109	3.3	9
37	Involvement of angiotensin-(1-7) in the neuroprotection of captopril against focal cerebral ischemia. <i>Neuroscience Letters</i> , 2018 , 687, 16-21	3.3	9
36	Angiotensin II triggers autophagy and apoptosis in PC12 cell line: An in vitro Alzheimer's disease model. <i>Brain Research</i> , 2019 , 1718, 46-52	3.7	8
35	Carotid Endarterectomy and Carotid Artery Stenting Lead to Improved Cognitive Performance in Patients with Severe Carotid Artery Stenosis. <i>Current Neurovascular Research</i> , 2016 , 13, 45-9	1.8	8
34	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
33	Cell cycle proteins preceded neuronal death after chronic cerebral hypoperfusion in rats. <i>Neurological Research</i> , 2008 , 30, 932-9	2.7	7
32	Sex differences in clinical characteristics and 1-year outcomes of young ischemic stroke patients in East China. <i>Therapeutics and Clinical Risk Management</i> , 2019 , 15, 33-38	2.9	7
31	Corticospinal tract changes in acute brainstem ischemic stroke patients: A diffusion kurtosis imaging study. <i>Neurology India</i> , 2018 , 66, 726-732	0.7	6
30	Han Chinese family with early-onset Parkinson's disease carries novel compound heterozygous mutations in the PARK2 gene. <i>Brain and Behavior</i> , 2019 , 9, e01372	3.4	5
29	Collateral vessels on magnetic resonance angiography in endovascular-treated acute ischemic stroke patients associated with clinical outcomes. <i>Oncotarget</i> , 2017 , 8, 81529-81537	3.3	5
28	Dihydroergotoxine mesylate for the treatment of sialorrhea in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019 , 58, 70-73	3.6	5
27	MFN2 ameliorates cell apoptosis in a cellular model of Parkinson's disease induced by rotenone. <i>Experimental and Therapeutic Medicine</i> , 2018 , 16, 3680-3685	2.1	5
26	The Role of TREML2 in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020 , 76, 799-806	4.3	4
25	NLRP3 Inflammasome: A Potential Therapeutic Target in Fine Particulate Matter-Induced Neuroinflammation in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020 , 77, 923-934	4.3	4
24	The association between high-sensitivity C-reactive protein at admission and progressive motor deficits in patients with penetrating artery infarctions. <i>BMC Neurology</i> , 2019 , 19, 346	3.1	4
23	One-step analysis of brain perfusion and function for acute stroke patients after reperfusion: A resting-state fMRI study. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 221-229	5.6	4
22	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
21	Angiotensin IV suppresses inflammation in the brains of rats with chronic cerebral hypoperfusion. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2018 , 19, 1470320318799587	3	4

20	Angiotensin-(1-7) Analogue AVE0991 Modulates Astrocyte-Mediated Neuroinflammation via lncRNA SNHG14/miR-223-3p/NLRP3 Pathway and Offers Neuroprotection in a Transgenic Mouse Model of Alzheimer's Disease.. <i>Journal of Inflammation Research</i> , 2021 , 14, 7007-7019	4.8	4
19	A TREML2 missense variant influences specific hippocampal subfield volumes in cognitively normal elderly subjects. <i>Brain and Behavior</i> , 2020 , 10, e01573	3.4	3
18	Up-regulation of angiotensin-converting enzyme in response to acute ischemic stroke via ERK/NF- κ B pathway in spontaneously hypertensive rats. <i>Oncotarget</i> , 2017 , 8, 97041-97051	3.3	3
17	Common Polymorphisms Within QPCT Gene Are Associated with the Susceptibility of Schizophrenia in a Han Chinese Population. <i>Molecular Neurobiology</i> , 2016 , 53, 6362-6366	6.2	3
16	Ectopic insulinomas in the pelvis secondary to rectum neuroendocrine tumour. <i>BMJ Case Reports</i> , 2018 , 2018,	0.9	3
15	Granulocyte-macrophage colony-stimulating factor-transfected bone marrow stromal cells for the treatment of ischemic stroke. <i>Neural Regeneration Research</i> , 2012 , 7, 1220-7	4.5	2
14	Hybrid PET-MRI for early detection of dopaminergic dysfunction and microstructural degradation involved in Parkinson's disease. <i>Communications Biology</i> , 2021 , 4, 1162	6.7	2
13	Angiotensin-(1-7) reduces β -synuclein aggregation by enhancing autophagic activity in Parkinson's disease. <i>Neural Regeneration Research</i> , 2022 , 17, 1138-1145	4.5	2
12	FLAIR vascular hyperintensity predicts early neurological deterioration in patients with acute ischemic stroke receiving endovascular thrombectomy.. <i>Neurological Sciences</i> , 2022 , 1	3.5	1
11	Abundance Associates With Severity, Evolution and Outcome of Acute Ischemic Stroke. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 669322	5.9	1
10	A non-peptidic MAS1 agonist AVE0991 alleviates hippocampal synaptic degeneration in rats with chronic cerebral hypoperfusion. <i>Current Neurovascular Research</i> , 2021 ,	1.8	1
9	Hypersensitive C-reactive protein-albumin ratio predicts symptomatic intracranial hemorrhage after endovascular therapy in acute ischemic stroke patients. <i>BMC Neurology</i> , 2021 , 21, 47	3.1	1
8	Endovascular treatment of acute ischemic stroke due to anterior circulation large vessel occlusion beyond 6 hours: a real-world study in China. <i>BMC Neurology</i> , 2021 , 21, 92	3.1	1
7	Pretreatment with simvastatin upregulates expression of BK-2R and CD11b in the ischemic penumbra of rats. <i>Journal of Biomedical Research</i> , 2018 , 32, 354-360	1.5	1
6	Early disturbance of dynamic synchronization and neurovascular coupling in cognitively normal Parkinson's disease.. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022 , 271678X221098503	7.3	1
5	A Han Chinese Family With Early-Onset Parkinson's Disease Carrying Novel Frameshift Mutation and Compound Heterozygous Mutation of Appearing Incompatible With MDS Clinical Diagnostic Criteria. <i>Frontiers in Neurology</i> , 2020 , 11, 582323	4.1	0
4	Dual Antiplatelet Therapy in Patients With Minor Stroke Receiving Intravenous Thrombolysis.. <i>Frontiers in Neurology</i> , 2022 , 13, 819896	4.1	0
3	Letter by Gong et al Regarding Article, "Predictors of Unexplained Early Neurological Deterioration After Endovascular Treatment for Acute Ischemic Stroke". <i>Stroke</i> , 2021 , 52, e44-e45	6.7	0

- 2 Clinical significance of stroke nurse in patients with acute ischemic stroke receiving intravenous thrombolysis. *BMC Neurology*, **2021**, 21, 359 3.1 0
- 1 Letter by Gong et al Regarding Article, "The Incidence and Associated Factors of Early Neurological Deterioration After Thrombolysis: Results From SITS Registry". *Stroke*, **2021**, 52, e41 6.7