Bo Hu

List of Publications by Year
in descending order

89	9,151	136950 32	48315 88
papers	citations	h-index	g-index

90	90	90	16441
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neurologic Manifestations of Hospitalized Patients With Coronavirus Disease 2019 in Wuhan, China. JAMA Neurology, 2020, 77, 683.	9.0	5,308
2	Acute cerebrovascular disease following COVID-19: a single center, retrospective, observational study. Stroke and Vascular Neurology, 2020, 5, 279-284.	3.3	684
3	Microglia-derived TNF-Î± mediates endothelial necroptosis aggravating blood brainâ€“barrier disruption after ischemic stroke. Cell Death and Disease, 2019, 10, 487.	6.3	264
4	LncRNA TUG1 sponges microRNA-9 to promote neurons apoptosis by up-regulated Bcl2l11 under ischemia. Biochemical and Biophysical Research Communications, 2017, 485, 167-173.	2.1	153
5	LncRNA MIAT sponges miR-149-5p to inhibit efferocytosis in advanced atherosclerosis through CD47 upregulation. Cell Death and Disease, 2019, 10, 138.	6.3	145
6	Immune Cells in the BBB Disruption After Acute Ischemic Stroke: Targets for Immune Therapy?. Frontiers in Immunology, 2021, 12, 678744.	4.8	135
7	Consensus for prevention and management of coronavirus disease 2019 (COVID-19) for neurologists. Stroke and Vascular Neurology, 2020, 5, 146-151.	3.3	119
8	ALS-FTLD-linked mutations of SQSTM1/p62 disrupt selective autophagy and NFE2L2/NRF2 anti-oxidative stress pathway. Autophagy, 2020, 16, 917-931.	9.1	118
9	The P2RY12 receptor promotes VSMC-derived foam cell formation by inhibiting autophagy in advanced atherosclerosis. Autophagy, 2021, 17, 980-1000.	9.1	95
10	MicroRNA-107 contributes to post-stroke angiogenesis by targeting Dicer-1. Scientific Reports, 2015, 5, 13316.	3.3	94
11	MicroRNA-26a/Death-Associated Protein KinaseÂ1 Signaling Induces Synucleinopathy andÂDopaminergic Neuron Degeneration in Parkinsonâ€™s Disease. Biological Psychiatry, 2019, 85, 769-781.	1.3	92
12	Infection and atherosclerosis: TLR-dependent pathways. Cellular and Molecular Life Sciences, 2020, 77, 2751-2769.	5.4	90
13	Diverse Functions and Mechanisms of Pericytes in Ischemic Stroke. Current Neuropharmacology, 2017, 15, 892-905.	2.9	82
14	Dual and multi-targeted nanoparticles for site-specific brain drug delivery. Journal of Controlled Release, 2020, 317, 195-215.	9.9	72
15	MicroRNAâ€150 regulates bloodâ€brain barrier permeability via Tieâ€2 after permanent middle cerebral artery occlusion in rats. FASEB Journal, 2016, 30, 2097-2107.	0.5	71
16	Offâ€Hour Admission and Mortality Risk for 28 Specific Diseases: A Systematic Review and Metaâ€Analysis of 251 Cohorts. Journal of the American Heart Association, 2016, 5, e003102.	3.7	70
17	Alleviative effects of fluoxetine on depressive-like behaviors by epigenetic regulation of BDNF gene transcription in mouse model of post-stroke depression. Scientific Reports, 2017, 7, 14926.	3.3	69
18	MicroRNAâ€149â€“5p regulates bloodâ€“brain barrier permeability after transient middle cerebral artery occlusion in rats by targeting S1PR2 of pericytes. FASEB Journal, 2018, 32, 3133-3148.	0.5	62

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19	High Serum MiR-130a Levels Are Associated with Severe Perihematomal Edema and Predict Adverse Outcome in Acute ICH. Molecular Neurobiology, 2016, 53, 1310-1321.	4.0	59
20	MicroRNAâ€130a regulates cerebral ischemiaâ€“induced bloodâ€“brain barrier permeability by targeting Homeobox A5. FASEB Journal, 2018, 32, 935-944.	0.5	56
21	Exosomal CagA derived from Helicobacter pylori-infected gastric epithelial cells induces macrophage foam cell formation and promotes atherosclerosis. Journal of Molecular and Cellular Cardiology, 2019, 135, 40-51.	1.9	52
22	Hematoma Expansion in Intracerebral Hemorrhage: An Update on Prediction and Treatment. Frontiers in Neurology, 2020, 11, 702.	2.4	49
23	Clinical time course of COVID-19, its neurological manifestation and some thoughts on its management. Stroke and Vascular Neurology, 2020, 5, 177-179.	3.3	49
24	MiRâ€150 Regulates Poststroke Cerebral Angiogenesis via Vascular Endothelial Growth Factor in Rats. CNS Neuroscience and Therapeutics, 2016, 22, 507-517.	3.9	45
25	MicroRNAâ€493 regulates angiogenesis in a rat model of ischemic stroke by targeting MIF. FEBS Journal, 2016, 283, 1720-1733.	4.7	44
26	MicroRNA-23a-5p promotes atherosclerotic plaque progression and vulnerability by repressing ATP-binding cassette transporter A1/G1 in macrophages. Journal of Molecular and Cellular Cardiology, 2018, 123, 139-149.	1.9	42
27	Inhibition of Sema4D/PlexinB1 signaling alleviates vascular dysfunction in diabetic retinopathy. EMBO Molecular Medicine, 2020, 12, e10154.	6.9	42
28	Potential of Arbidol for Post-exposure Prophylaxis of COVID-19 Transmission: A Preliminary Report of a Retrospective Cohort Study. Current Medical Science, 2020, 40, 480-485.	1.8	39
29	CYP2C19 polymorphism and clinical outcomes among patients of different races treated with clopidogrel: A systematic review and meta-analysis. Journal of Huazhong University of Science and Technology [Medical Sciences], 2015, 35, 147-156.	1.0	37
30	Down regulation of lncSCIR1 after spinal cord contusion injury in rat. Brain Research, 2015, 1624, 314-320.	2.2	34
31	MiR-181b Antagonizes Atherosclerotic Plaque Vulnerability Through Modulating Macrophage Polarization by Directly Targeting Notch1. Molecular Neurobiology, 2017, 54, 6329-6341.	4.0	34
32	Administration of sonic hedgehog protein induces angiogenesis and has therapeutic effects after stroke in rats. Neuroscience, 2017, 352, 285-295.	2.3	33
33	Sema3E/PlexinD1 inhibition is a therapeutic strategy for improving cerebral perfusion and restoring functional loss after stroke in agedÂrats. Neurobiology of Aging, 2018, 70, 102-116.	3.1	33
34	Involvement of PI3K/Akt pathway in the neuroprotective effect of sonic hedgehog on cortical neurons under oxidative stress. Journal of Huazhong University of Science and Technology [Medical Sciences], 2012, 32, 856-860.	1.0	32
35	Semaphorin-3E attenuates neointimal formation via suppressing VSMCs migration and proliferation. Cardiovascular Research, 2017, 113, 1763-1775.	3.8	32
36	P2Y ₁₂ Promotes Migration of Vascular Smooth Muscle Cells Through Cofilin Dephosphorylation During Atherogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 515-524.	2.4	31

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37	Sema4D/PlexinB1 inhibition ameliorates bloodâ€brain barrier damage and improves outcome after stroke in rats. FASEB Journal, 2018, 32, 2181-2196.	0.5	30
38	Inhibiting the Migration of M1 Microglia at Hyperacute Period Could Improve Outcome of tMCAO Rats. CNS Neuroscience and Therapeutics, 2017, 23, 222-232.	3.9	28
39	Morinda officinalis oligosaccharides alleviate depressiveâ€like behaviors in postâ€stroke rats via suppressing NLRP3 inflammasome to inhibit hippocampal inflammation. CNS Neuroscience and Therapeutics, 2021, 27, 1570-1586.	3.9	28
40	Pre-hospital Delay after Acute Ischemic Stroke in Central Urban China: Prevalence and Risk Factors. Molecular Neurobiology, 2017, 54, 3007-3016.	4.0	26
41	Guillain-BarrÃ© syndrome in southern China: retrospective analysis of hospitalised patients from 14 provinces in the area south of the Huaihe River. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 618-626.	1.9	26
42	Chinese Stroke Association guidelines for clinical management of cerebrovascular disorders: executive summary and 2019 update on organizational stroke management. Stroke and Vascular Neurology, 2020, 5, 260-269.	3.3	26
43	The Dual Role of Low-Density Lipoprotein Receptor-Related Protein 1 in Atherosclerosis. Frontiers in Cardiovascular Medicine, 2021, 8, 682389.	2.4	26
44	The role of endogenous tissue-type plasminogen activator in neuronal survival after ischemic stroke: friend or foe?. Cellular and Molecular Life Sciences, 2019, 76, 1489-1506.	5.4	23
45	The role of P2Y12 receptor in ischemic stroke of atherosclerotic origin. Cellular and Molecular Life Sciences, 2019, 76, 341-354.	5.4	23
46	Determinants of Emergency Medical Services Utilization Among Acute Ischemic Stroke Patients in Hubei Province in China. Stroke, 2016, 47, 891-894.	2.0	21
47	Intravenous thrombolytic therapy for acute ischemic stroke in Hubei, China: a survey of thrombolysis rate and barriers. BMC Neurology, 2019, 19, 202.	1.8	21
48	Dysfunction of the Blood-brain Barrier in Cerebral Microbleeds: from Bedside to Bench. , 2021, 12, 1898.		21
49	pHâ€Sensitive, Cerebral Vasculatureâ€Targeting Hydroxyethyl Starch Functionalized Nanoparticles for Improved Angiogenesis and Neurological Function Recovery in Ischemic Stroke. Advanced Healthcare Materials, 2021, 10, e2100028.	7.6	20
50	Lipid accumulation and novel insight into vascular smooth muscle cells in atherosclerosis. Journal of Molecular Medicine, 2021, 99, 1511-1526.	3.9	20
51	Breast cancer derived exosomes promoted angiogenesis of endothelial cells in microenvironment via circHIPK3/miR-124-3p/MTDH axis. Cellular Signalling, 2022, 95, 110338.	3.6	20
52	Semaphorin-3A protects against neointimal hyperplasia after vascular injury. EBioMedicine, 2019, 39, 95-108.	6.1	19
53	NMDA and AMPA receptors mediate intracellular calcium increase in rat cortical astrocytes. Acta Pharmacologica Sinica, 2004, 25, 714-20.	6.1	18
54	Correlation of UGT2B7 Polymorphism with Cardiotoxicity in Breast Cancer Patients Undergoing Epirubicin/Cyclophosphamide-Docetaxel Adjuvant Chemotherapy. Yonsei Medical Journal, 2019, 60, 30.	2.2	17

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55	Sema3E/PlexinD1 signaling inhibits postischemic angiogenesis by regulating endothelial DLL4 and filopodia formation in a rat model of ischemic stroke. FASEB Journal, 2019, 33, 4947-4961.	0.5	16
56	Acute stroke patientsâ€™ knowledge of stroke at discharge in China: a crossâ€sectional study. Tropical Medicine and International Health, 2018, 23, 1200-1206.	2.3	15
57	Intravenous thrombolysis for acute ischaemic stroke during COVIDâ€19 pandemic in Wuhan, China: a multicentre, retrospective cohort study. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 226-228.	1.9	15
58	Long non-coding RNAs in neurodegenerative diseases. Neurochemistry International, 2021, 148, 105096.	3.8	15
59	Multiple cerebral metastases and metastatic aneurysms in patients with left atrial Myxoma: a case report. BMC Neurology, 2019, 19, 249.	1.8	14
60	Microglia Phenotype and Intracerebral Hemorrhage: A Balance of Yin and Yang. Frontiers in Cellular Neuroscience, 2021, 15, 765205.	3.7	13
61	Morinda officinalis oligosaccharides ameliorate depressiveâ€like behaviors in poststroke rats through upregulating GLUT3 to improve synaptic activity. FASEB Journal, 2020, 34, 13376-13395.	0.5	12
62	Exosomes: Biomarkers and Therapeutic Targets of Diabetic Vascular Complications. Frontiers in Endocrinology, 2021, 12, 720466.	3.5	12
63	The role of semaphorins in small vessels of the eye and brain. Pharmacological Research, 2020, 160, 105044.	7.1	11
64	Synergistic inflammatory signaling by cGAS may be involved in the development of atherosclerosis. Aging, 2021, 13, 5650-5673.	3.1	11
65	Neuron derived fractalkine promotes microglia to absorb hematoma via CD163/HO-1 after intracerebral hemorrhage. Cellular and Molecular Life Sciences, 2022, 79, 224.	5.4	10
66	Engineered AXLâ€ECDâ€Fc variants that abolish the AXL/Gas6 interaction suppress tumor cell migration. Oncology Letters, 2019, 17, 5784-5792.	1.8	9
67	sLRP1 (Soluble Low-Density Lipoprotein Receptor-Related Protein 1). Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e166-e179.	2.4	9
68	Predictive value of different bilirubin subtypes for clinical outcomes in patients with acute ischemic stroke receiving thrombolysis therapy. CNS Neuroscience and Therapeutics, 2022, 28, 226-236.	3.9	9
69	Protective effects of Ginkgo biloba extract on rats during cerebral ischemia/reperfusion. Chinese Medical Journal, 2002, 115, 1316-20.	2.3	9
70	The role of leukocytes in acute ischemic stroke-related thrombosis: a notable but neglected topic. Cellular and Molecular Life Sciences, 2021, 78, 6251-6264.	5.4	8
71	Mfsd2a overexpression alleviates vascular dysfunction in diabetic retinopathy. Pharmacological Research, 2021, 171, 105755.	7.1	8
72	Nightmares mediate the association between traumatic event exposure and suicidal ideation in frontline medical workers exposed to COVID-19. Journal of Affective Disorders, 2022, 304, 12-19.	4.1	8

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73	A combination of left ventricular hypertrabeculation/noncompaction and muscular dystrophy in a stroke patient. International Journal of Cardiology, 2014, 174, e68-e71.	1.7	7
74	Elevated Serum Lactate Dehydrogenase Predicts Unfavorable Outcomes After rt-PA Thrombolysis in Ischemic Stroke Patients. Frontiers in Neurology, 2022, 13, 816216.	2.4	7
75	Endothelial ETS1 inhibition exacerbate bloodâ€“brain barrier dysfunction in multiple sclerosis through inducing endothelial-to-mesenchymal transition. Cell Death and Disease, 2022, 13, 462.	6.3	7
76	Combination of mitochondrial myopathy and biventricular hypertrabeculation/noncompaction. Neuromuscular Disorders, 2016, 26, 165-169.	0.6	6
77	Knowledge, attitude, and practice regarding atrial fibrillation among neurologists in central China: A crossâ€sectional study. Clinical Cardiology, 2020, 43, 639-646.	1.8	6
78	Ambulatory blood pressure profile and stroke recurrence. Stroke and Vascular Neurology, 2021, 6, 352-358.	3.3	6
79	Nanomedicine: An Emerging Novel Therapeutic Strategy for Hemorrhagic Stroke. International Journal of Nanomedicine, 2022, Volume 17, 1927-1950.	6.7	6
80	Decreased expression of vitamin K epoxide reductase complex subunit 1 in kidney of patients with calcium oxalate urolithiasis. Journal of Huazhong University of Science and Technology [Medical Sciences], 2011, 31, 807-814.	1.0	4
81	Genetics of Spontaneous Intracerebral Hemorrhage: Risk and Outcome. Frontiers in Neuroscience, 2022, 16, 874962.	2.8	4
82	Correlation of HER2 codon 655 polymorphism with cardiotoxicity risk in Chinese HER2-positive breast cancer patients undergoing epirubicin/cyclophosphamide followed by docetaxel plus trastuzumab adjuvant chemotherapy. International Journal of Clinical and Experimental Pathology, 2020, 13, 286-294.	0.5	3
83	Assessment of respiratory support decision and the outcome of invasive mechanical ventilation in severe COVID-19 with ARDS. Journal of Intensive Medicine, 2022, 2, 92-102.	2.1	2
84	Association Between Preonset Anti-hypertensive Treatment and Intracerebral Hemorrhage Mortality: A Cohort Study From CHEERY. Frontiers in Neurology, 2022, 13, 794080.	2.4	2
85	Clinical and Prognostic Characteristics of Recurrent Intracerebral Hemorrhage: A Contrast to First-Ever ICH. Frontiers in Aging Neuroscience, 2022, 14, 860571.	3.4	2
86	Needs assessment for a curriculum for difficult conversations -a survey from 5 Chinese accredited neurology residency training programs. BMC Medical Education, 2020, 20, 336.	2.4	1
87	Measuring effects on intima-media thickness: an evaluation of rosuvastatin in Chinese subjects with subclinical atherosclerosisâ€”design, rationale, and methodology of the METEOR-China study. Trials, 2020, 21, 921.	1.6	1
88	Neurologistsâ€™ attitudes and options for anticoagulation therapy in central China. International Journal of Clinical Practice, 2021, 75, e14305.	1.7	1
89	Circular RNA F-circEA-2a expression is increased in gastric adenocarcinoma and inhibits the transition from premature microRNA-3940-5p to mature microRNA-3940-5p. Bioengineered, 2022, 13, 7011-7019.	3.2	1