Huaizhang Shi

List of Publications by Year
in descending order

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36 papers	1,386 citations	516710 16 h-index	361022 35 g-index
37 all docs	37 docs citations	37 times ranked	1743 citing authors

#	Article	IF	Citations
1	Endovascular Thrombectomy with or without Intravenous Alteplase in Acute Stroke. New England Journal of Medicine, 2020, 382, 1981-1993.	27.0	547
2	Mitophagy Reduces Oxidative Stress Via Keap1 (Kelch-Like Epichlorohydrin-Associated Protein 1)/Nrf2 (Nuclear Factor-E2-Related Factor 2)/PHB2 (Prohibitin 2) Pathway After Subarachnoid Hemorrhage in Rats. Stroke, 2019, 50, 978-988.	2.0	117
3	Inhibition of Ferroptosis Alleviates Early Brain Injury After Subarachnoid Hemorrhage In Vitro and In Vivo via Reduction of Lipid Peroxidation. Cellular and Molecular Neurobiology, 2021, 41, 263-278.	3.3	77
4	miR-137 boosts the neuroprotective effect of endothelial progenitor cell-derived exosomes in oxyhemoglobin-treated SH-SY5Y cells partially via COX2/PGE2 pathway. Stem Cell Research and Therapy, 2020, 11, 330.	5.5	60
5	Docosahexaenoic Acid Alleviates Oxidative Stress-Based Apoptosis Via Improving Mitochondrial Dynamics in Early Brain Injury After Subarachnoid Hemorrhage. Cellular and Molecular Neurobiology, 2018, 38, 1413-1423.	3.3	55
6	China Angioplasty and Stenting for Symptomatic Intracranial Severe Stenosis (CASSISS): A new, prospective, multicenter, randomized controlled trial in China. Interventional Neuroradiology, 2015, 21, 196-204.	1.1	52
7	Mdivi-1 Alleviates Early Brain Injury After Experimental Subarachnoid Hemorrhage in Rats, Possibly via Inhibition of Drp1-Activated Mitochondrial Fission and Oxidative Stress. Neurochemical Research, 2017, 42, 1449-1458.	3.3	52
8	Mitoquinone attenuates blood-brain barrier disruption through Nrf2/PHB2/OPA1 pathway after subarachnoid hemorrhage in rats. Experimental Neurology, 2019, 317, 1-9.	4.1	43
9	Anti-apoptotic and neuroprotective effects of Tetramethylpyrazine following subarachnoid hemorrhage in rats. Autonomic Neuroscience: Basic and Clinical, 2008, 141, 22-30.	2.8	38
10	Activation of RARÎ± Receptor Attenuates Neuroinflammation After SAH via Promoting M1-to-M2 Phenotypic Polarization of Microglia and Regulating Mafb/Msr1/PI3K-Akt/NF-Î²B Pathway. Frontiers in Immunology, 2022, 13, 839796.	4.8	36
11	Protective effects of astaxanthin on subarachnoid hemorrhage-induced early brain injury: Reduction of cerebral vasospasm and improvement of neuron survival and mitochondrial function. Acta Histochemica, 2019, 121, 56-63.	1.8	28
12	Pipeline Embolization Device for intracranial aneurysms in a large Chinese cohort: factors related to aneurysm occlusion. Therapeutic Advances in Neurological Disorders, 2020, 13, 175628642096782.	3.5	28
13	Underlying Mechanisms and Potential Therapeutic Molecular Targets in Blood-Brain Barrier Disruption after Subarachnoid Hemorrhage. Current Neuropharmacology, 2020, 18, 1168-1179.	2.9	28
14	Pipeline Embolization Device for Intracranial Aneurysms in a Large Chinese Cohort: Complication Risk Factor Analysis. Neurotherapeutics, 2021, 18, 1198-1206.	4.4	24
15	Inhibition of mTOR Alleviates Early Brain Injury After Subarachnoid Hemorrhage Via Relieving Excessive Mitochondrial Fission. Cellular and Molecular Neurobiology, 2020, 40, 629-642.	3.3	20
16	Apelin-13 attenuates early brain injury following subarachnoid hemorrhage via suppressing neuronal apoptosis through the GLP-1R/PI3K/Akt signaling. Biochemical and Biophysical Research Communications, 2019, 513, 105-111.	2.1	19
17	Endovascular Treatment of Ruptured Tiny Intracranial Aneurysms with Low-Profile Visualized Intraluminal Support Device. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 330-337.	1.6	18
18	Lack of mitochondrial ferritin aggravated neurological deficits via enhancing oxidative stress in a traumatic brain injury murine model. Bioscience Reports, 2017, 37, .	2.4	17

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19	Combined Approach to Eptifibatide and Thrombectomy in Acute Ischemic Stroke Because of Large Vessel Occlusion: A Matched-Control Analysis. Stroke, 2022, 53, 1580-1588.	2.0	16
20	Tetramethylpyrazine Protects Against Early Brain Injury and Inhibits the PERK/Akt Pathway in a Rat Model of Subarachnoid Hemorrhage. Neurochemical Research, 2018, 43, 1650-1659.	3.3	15
21	Metformin attenuates early brain injury after subarachnoid hemorrhage in rats via AMPK-dependent mitophagy. Experimental Neurology, 2022, 353, 114055.	4.1	13
22	CT Hyperdense Artery Sign and the Effect of Alteplase in Endovascular Thrombectomy after Acute Stroke. Radiology, 2022, 305, 410-418.	7.3	11
23	Staged angioplasty versus regular carotid artery stenting in patients with carotid artery stenosis at high risk of hyperperfusion: a randomised clinical trial. Stroke and Vascular Neurology, 2021, 6, 95-102.	3.3	9
24	T0901317, an Agonist of Liver X Receptors, Attenuates Neuronal Apoptosis in Early Brain Injury after Subarachnoid Hemorrhage in Rats via Liver X Receptors/Interferon Regulatory Factor/P53 Upregulated Modulator of Apoptosis/Dynamin-1-Like Protein Pathway. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-16.	4.0	9
25	ACEA Attenuates Oxidative Stress by Promoting Mitophagy via CB1R/Nrf1/PINK1 Pathway after Subarachnoid Hemorrhage in Rats. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-18.	4.0	9
26	Direct angioplasty for acute ischemic stroke due to intracranial atherosclerotic stenosis-related large vessel occlusion. Interventional Neuroradiology, 2020, 26, 602-607.	1.1	8
27	Optical Coherence Tomography Angiography as a Noninvasive Assessment of Cerebral Microcirculatory Disorders Caused by Carotid Artery Stenosis. Disease Markers, 2021, 2021, 1-10.	1.3	7
28	Treatment of fusiform aneurysms with a pipeline embolization device: a multicenter cohort study. Journal of NeuroInterventional Surgery, 2023, 15, 315-320.	3.3	7
29	Intracranial Angioplasty with Enterprise Stent for Intracranial Atherosclerotic Stenosis: A Single-Center Experience and a Systematic Review. BioMed Research International, 2021, 2021, 1-12.	1.9	5
30	Changes in mitochondrial ultrastructure in SH-SY5Y cells during apoptosis induced by hemin. NeuroReport, 2017, 28, 551-554.	1.2	4
31	Effect of stroke etiology on endovascular thrombectomy with or without intravenous alteplase: a subgroup analysis of DIRECT-MT. Journal of NeuroInterventional Surgery, 2022, 14, 1200-1206.	3.3	3
32	Incomplete occlusion and visual symptoms of peri-ophthalmic aneurysm after treatment with a pipeline embolization device: a multi-center cohort study. Acta Neurochirurgica, 2022, 164, 2191-2202.	1.7	3
33	Mortality after treatment of intracranial aneurysms with the Pipeline Embolization Device. Journal of NeuroInterventional Surgery, 2021, , neurintsurg-2020-017002.	3.3	2
34	Safety Evaluation and Flow Modification in the Anterior Cerebral Artery after Pipeline Embolization Device Deployment across the Internal Carotid Artery Terminus. BioMed Research International, 2021, 2021, 1-7.	1.9	2
35	Prevalence and Clinical Predictors of Intracranial Hemorrhage Following Carotid Artery Stenting for Symptomatic Severe Carotid Stenosis. World Neurosurgery, 2021, 155, e353-e361.	1.3	2
36	Response to the Letter to the Editor Regarding â€œEndovascular Coiling Versus Surgical Clipping of Very Small Ruptured Anterior Communicating Artery Aneurysmsâ€• World Neurosurgery, 2019, 130, 577.	1.3	1