John H Zhang

List of Publications by Year
in descending order

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729	33,631	5126 86	14386 132
papers	citations	h-index	g-index

756	756	756	24460
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Autophagy and Apoptosis in Acute Brain Injuries: From Mechanism to Treatment. Antioxidants and Redox Signaling, 2023, 38, 234-257.	2.5	13
2	Mechanisms of Damage After Cerebral Hemorrhage. , 2022, , 92-102.e9.		0
3	A new perspective on cerebrospinal fluid dynamics after subarachnoid hemorrhage: From normal physiology to pathophysiological changes. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 543-558.	2.4	17
4	Introduction to Special Issue: Brain Immunity and Neuroinflammation. Experimental Neurology, 2022, 349, 113957.	2.0	0
5	Met-RANTES preserves the bloodâ€“brain barrier through inhibiting CCR1/SRC/Rac1 pathway after intracerebral hemorrhage in mice. Fluids and Barriers of the CNS, 2022, 19, 7.	2.4	17
6	BMS-470539 Attenuates Oxidative Stress and Neuronal Apoptosis via MC1R/cAMP/PKA/Nurr1 Signaling Pathway in a Neonatal Hypoxic-Ischemic Rat Model. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-17.	1.9	5
7	Inhibition of caspase-1-mediated inflammasome activation reduced blood coagulation in cerebrospinal fluid after subarachnoid haemorrhage. EBioMedicine, 2022, 76, 103843.	2.7	22
8	Human Galectin-7 Gene LGALS7 Promoter Sequence Polymorphisms and Risk of Spontaneous Intracerebral Hemorrhage: A Prospective Study. Frontiers in Molecular Neuroscience, 2022, 15, 840340.	1.4	0
9	Targeting Oxidative Stress and Inflammatory Response for Bloodâ€“Brain Barrier Protection in Intracerebral Hemorrhage. Antioxidants and Redox Signaling, 2022, 37, 115-134.	2.5	40
10	Kynurenine/Aryl Hydrocarbon Receptor Modulates Mitochondria-Mediated Oxidative Stress and Neuronal Apoptosis in Experimental Intracerebral Hemorrhage. Antioxidants and Redox Signaling, 2022, 37, 1111-1129.	2.5	11
11	Cerebral small vessel disease alters neurovascular unit regulation of microcirculation integrity involved in vascular cognitive impairment. Neurobiology of Disease, 2022, 170, 105750.	2.1	24
12	Adiponectin Ameliorates GMH-Induced Brain Injury by Regulating Microglia M1/M2 Polarization Via AdipoR1/APPL1/AMPK/PPARÎ³ Signaling Pathway in Neonatal Rats. Frontiers in Immunology, 2022, 13, .	2.2	7
13	Evolution of the stroke paradigm: A review of delayed recanalization. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 945-957.	2.4	8
14	Sodium butyrate attenuated neuronal apoptosis via GPR41/GÎ²Î³/PI3K/Akt pathway after MCAO in rats. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 267-281.	2.4	82
15	Inhibition of lysophosphatidic acid receptor 1 attenuates neuroinflammation via PGE2/EP2/NOX2 signalling and improves the outcome of intracerebral haemorrhage in mice. Brain, Behavior, and Immunity, 2021, 91, 615-626.	2.0	10
16	Melanocortin 1 receptor attenuates early brain injury following subarachnoid hemorrhage by controlling mitochondrial metabolism via AMPK/SIRT1/PGC-1Îµ pathway in rats. Theranostics, 2021, 11, 522-539.	4.6	64
17	Delayed Recanalizationâ€”How Late Is Not Too Late?. Translational Stroke Research, 2021, 12, 382-393.	2.3	12
18	INT-777 attenuates NLRP3-ASC inflammasome-mediated neuroinflammation via TGR5/cAMP/PKA signaling pathway after subarachnoid hemorrhage in rats. Brain, Behavior, and Immunity, 2021, 91, 587-600.	2.0	79

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19	IL-20R Activation via rIL-19 Enhances Hematoma Resolution through the IL-20R1/ERK/Nrf2 Pathway in an Experimental GMH Rat Pup Model. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-15.	1.9	3
20	Activation of MC1R with BMS-470539 attenuates neuroinflammation via cAMP/PKA/Nurr1 pathway after neonatal hypoxic-ischemic brain injury in rats. Journal of Neuroinflammation, 2021, 18, 26.	3.1	22
21	TGR5 activation attenuates neuroinflammation via Pellino3 inhibition of caspase-8/NLRP3 after middle cerebral artery occlusion in rats. Journal of Neuroinflammation, 2021, 18, 40.	3.1	21
22	Novel Technologies in Studying Brain Immune Response. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-10.	1.9	2
23	Recombinant CCL17-dependent CCR4 activation alleviates neuroinflammation and neuronal apoptosis through the PI3K/AKT/Foxo1 signaling pathway after ICH in mice. Journal of Neuroinflammation, 2021, 18, 62.	3.1	31
24	Increase in Blood-Brain Barrier (BBB) Permeability Is Regulated by MMP3 via the ERK Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	1.9	19
25	Molecular Hydrogen Application in Stroke: Bench to Bedside. Current Pharmaceutical Design, 2021, 27, 703-712.	0.9	6
26	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.	1.9	9
27	Activation of Galanin Receptor 1 with M617 Attenuates Neuronal Apoptosis via ERK/GSK-3Î²/TIP60 Pathway After Subarachnoid Hemorrhage in Rats. Neurotherapeutics, 2021, 18, 1905-1921.	2.1	6
28	LJ529 attenuates mast cell-related inflammation via A3R-PKCÎµ-ALDH2 pathway after subarachnoid hemorrhage in rats. Experimental Neurology, 2021, 340, 113686.	2.0	5
29	TREM (Triggering Receptor Expressed on Myeloid Cells)-1 Inhibition Attenuates Neuroinflammation via PKC (Protein Kinase C) Î´/CARD9 (Caspase Recruitment Domain Family Member 9) Signaling Pathway After Intracerebral Hemorrhage in Mice. Stroke, 2021, 52, 2162-2173.	1.0	23
30	Neurokinin Receptor 1 (NK1R) Antagonist Aprepitant Enhances Hematoma Clearance by Regulating Microglial Polarization via PKC/p38MAPK/NFÎºB Pathway After Experimental Intracerebral Hemorrhage in Mice. Neurotherapeutics, 2021, 18, 1922-1938.	2.1	12
31	Activation of GPR40 attenuates neuroinflammation and improves neurological function via PAK4/CREB/KDM6B pathway in an experimental GMH rat model. Journal of Neuroinflammation, 2021, 18, 160.	3.1	13
32	Kisspeptin-54 attenuates oxidative stress and neuronal apoptosis in early brain injury after subarachnoid hemorrhage in rats via GPR54/ARRB2/AKT/GSK3Î² signaling pathway. Free Radical Biology and Medicine, 2021, 171, 99-111.	1.3	16
33	Editorial: Pluripotent Cells for Stroke: From Mechanism to Therapeutic Strategies. Frontiers in Cellular Neuroscience, 2021, 15, 738240.	1.8	0
34	Dihydrolipoic acid enhances autophagy and alleviates neurological deficits after subarachnoid hemorrhage in rats. Experimental Neurology, 2021, 342, 113752.	2.0	5
35	Imaging Acute Stroke: From One-Size-Fit-All to Biomarkers. Frontiers in Neurology, 2021, 12, 697779.	1.1	8
36	Activation of Frizzled-7 attenuates bloodâ€“brain barrier disruption through Dvl/Î²-catenin/WISP1 signaling pathway after intracerebral hemorrhage in mice. Fluids and Barriers of the CNS, 2021, 18, 44.	2.4	12

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37	Pituitary adenylate cyclase-activating polypeptide attenuates mitochondria-mediated oxidative stress and neuronal apoptosis after subarachnoid hemorrhage in rats. Free Radical Biology and Medicine, 2021, 174, 236-248.	1.3	12
38	Activation of GPR39 with TC-G 1008Âattenuates neuroinflammation via SIRT1/PGC-1Î±/Nrf2 pathway post-neonatal hypoxicâ€“ischemic injury in rats. Journal of Neuroinflammation, 2021, 18, 226.	3.1	20
39	Inhibition of Aryl Hydrocarbon Receptor Attenuates Hyperglycemiaâ€induced Hematoma Expansion in an Intracerebral Hemorrhage Mouse Model. Journal of the American Heart Association, 2021, 10, e022701.	1.6	7
40	CCR5 Activation Promotes NLRP1-Dependent Neuronal Pyroptosis via CCR5/PKA/CREB Pathway After Intracerebral Hemorrhage. Stroke, 2021, 52, 4021-4032.	1.0	46
41	SPARC Aggravates Blood-Brain Barrier Disruption via Integrin Î±VÎ²3/MAPKs/MMP-9 Signaling Pathway after Subarachnoid Hemorrhage. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	1.9	5
42	Sirtuin 5-Mediated Lysine Desuccinylation Protects Mitochondrial Metabolism Following Subarachnoid Hemorrhage in Mice. Stroke, 2021, 52, 4043-4053.	1.0	31
43	Exendin-4 Preserves Blood-Brain Barrier Integrity via Glucagon-Like Peptide 1 Receptor/Activated Protein Kinase-Dependent Nuclear Factor-Kappa B/Matrix Metalloproteinase-9 Inhibition After Subarachnoid Hemorrhage in Rat. Frontiers in Molecular Neuroscience, 2021, 14, 750726.	1.4	8
44	The insights into molecular pathways of hypoxiaâ€inducible factor in the brain. Journal of Neuroscience Research, 2020, 98, 57-76.	1.3	12
45	Modification of kynurenine pathway via inhibition of kynurenine hydroxylase attenuates surgical brain injury complications in a male rat model. Journal of Neuroscience Research, 2020, 98, 155-167.	1.3	20
46	Annexin A1 attenuates neuroinflammation through FPR2/p38/COXâ€2 pathway after intracerebral hemorrhage in male mice. Journal of Neuroscience Research, 2020, 98, 168-178.	1.3	43
47	The characteristics of the ancient cell death suppressor, TMBIM6, and its related signaling pathways after endoplasmic reticulum stress. Journal of Neuroscience Research, 2020, 98, 77-86.	1.3	9
48	Acute intranasal osteopontin treatment in male rats following TBI increases the number of activated microglia but does not alter lesion characteristics. Journal of Neuroscience Research, 2020, 98, 141-154.	1.3	14
49	The arousal effect of hyperbaric oxygen through orexin/hypocretin an upregulation on ketamine/ethanolâ€induced unconsciousness in male rats. Journal of Neuroscience Research, 2020, 98, 201-211.	1.3	5
50	Crotalus atrox disintegrin reduces hemorrhagic transformation by attenuating matrix metalloproteinaseâ€9 activity after middle cerebral artery occlusion in hyperglycemic male rats. Journal of Neuroscience Research, 2020, 98, 191-200.	1.3	6
51	Insights into major facilitator superfamily domainâ€containing proteinâ€2a (Mfsd2a) in physiology and pathophysiology. What do we know so far?. Journal of Neuroscience Research, 2020, 98, 29-41.	1.3	32
52	Posthemorrhagic hydrocephalus development after germinal matrix hemorrhage: Established mechanisms and proposed pathways. Journal of Neuroscience Research, 2020, 98, 105-120.	1.3	58
53	A comprehensive review of therapeutic targets that induce microglia/macrophageâ€mediated hematoma resolution after germinal matrix hemorrhage. Journal of Neuroscience Research, 2020, 98, 121-128.	1.3	18
54	Activation of Melanocortin 1 Receptor Attenuates Early Brain Injury in a Rat Model of Subarachnoid Hemorrhage viathe Suppression of Neuroinflammation through AMPK/TBK1/NF-ÎºB Pathway in Rats. Neurotherapeutics, 2020, 17, 294-308.	2.1	34

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55	Recombinant Human Milk Fat Globule-Epidermal Growth Factor 8 Attenuates Microthrombosis after Subarachnoid Hemorrhage in Rats. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104536.	0.7	7
56	17th international conference on Brain Edema and Cellular Injury. Journal of Neuroscience Research, 2020, 98, 5-8.	1.3	0
57	CCR1 Activation Promotes Neuroinflammation Through CCR1/TPR1/ERK1/2 Signaling Pathway After Intracerebral Hemorrhage in Mice. Neurotherapeutics, 2020, 17, 1170-1183.	2.1	46
58	Recent Advances in Stem Cell Research in Subarachnoid Hemorrhage. Stem Cells and Development, 2020, 29, 178-186.	1.1	8
59	Dysfunction of the neurovascular unit in diabetes-related neurodegeneration. Biomedicine and Pharmacotherapy, 2020, 131, 110656.	2.5	18
60	Natural medicine in neuroprotection for ischemic stroke: Challenges and prospective. , 2020, 216, 107695.		96
61	Inhibition of PAR-2 Attenuates Neuroinflammation and Improves Short-Term Neurocognitive Functions Via ERK1/2 Signaling Following Asphyxia-Induced Cardiac Arrest in Rats. Shock, 2020, 54, 539-547.	1.0	10
62	GW0742 activates miRâ€17â€5p and inhibits TXNIP/NLRP3â€mediated inflammation after hypoxicâ€ischaemic injury in rats and in PC12 cells. Journal of Cellular and Molecular Medicine, 2020, 24, 12318-12330.	1.6	25
63	Osteopontin as a candidate of therapeutic application for the acute brain injury. Journal of Cellular and Molecular Medicine, 2020, 24, 8918-8929.	1.6	24
64	Role of peroxisome proliferatorâ€activated receptors in stroke prevention and therapyâ€”The best is yet to come?. Journal of Neuroscience Research, 2020, 98, 2275-2289.	1.3	9
65	Recombinant CCL17 Enhances Hematoma Resolution and Activation of CCR4/ERK/Nrf2/CD163 Signaling Pathway After Intracerebral Hemorrhage in Mice. Neurotherapeutics, 2020, 17, 1940-1953.	2.1	30
66	Rh-CSF1 Attenuates Oxidative Stress and Neuronal Apoptosis via the CSF1R/PLCG2/PKA/UCP2 Signaling Pathway in a Rat Model of Neonatal HIE. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-20.	1.9	13
67	Rh-relaxin-2 attenuates degranulation of mast cells by inhibiting NF-ÎºB through PI3K-AKT/TNFAIP3 pathway in an experimental germinal matrix hemorrhage rat model. Journal of Neuroinflammation, 2020, 17, 250.	3.1	11
68	Inhibition of EZH2 (Enhancer of Zeste Homolog 2) Attenuates Neuroinflammation via H3k27me3/SOCS3/TRAF6/NF-ÎºB (Trimethylation of Histone 3 Lysine 27/Suppressor of Cytokine Signaling) Tj ETQq0 0 0 rgBT /Overlock Hemorrhage. Stroke, 2020, 51, 3320-3331.	1.0	43
69	The Activation of Phosphatidylserine/CD36/TGF-Î²1 Pathway prior to Surgical Brain Injury Attenuates Neuroinflammation in Rats. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-13.	1.9	11
70	Pituitary Adenylate Cyclase-Activating Polypeptide Attenuates Brain Edema by Protecting Bloodâ€“Brain Barrier and Glymphatic System After Subarachnoid Hemorrhage in Rats. Neurotherapeutics, 2020, 17, 1954-1972.	2.1	33
71	NT-4 attenuates neuroinflammation via TrkB/PI3K/FoxO1 pathway after germinal matrix hemorrhage in neonatal rats. Journal of Neuroinflammation, 2020, 17, 158.	3.1	26
72	Persistent Neurovascular Unit Dysfunction: Pathophysiological Substrate and Trigger for Late-Onset Neurodegeneration After Traumatic Brain Injury. Frontiers in Neuroscience, 2020, 14, 581.	1.4	21

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73	Activation of TGR5 protects blood brain barrier via the BRCA1/Sirt1 pathway after middle cerebral artery occlusion in rats. Journal of Biomedical Science, 2020, 27, 61.	2.6	26
74	IRE1Î± inhibition attenuates neuronal pyroptosis via miR-125/NLRP1 pathway in a neonatal hypoxic-ischemic encephalopathy rat model. Journal of Neuroinflammation, 2020, 17, 152.	3.1	35
75	Inhibition of mast cell tryptase attenuates neuroinflammation via PAR-2/p38/NFÎºB pathway following asphyxial cardiac arrest in rats. Journal of Neuroinflammation, 2020, 17, 144.	3.1	12
76	Rhodopsin: A Potential Biomarker for Neurodegenerative Diseases. Frontiers in Neuroscience, 2020, 14, 326.	1.4	22
77	The potential of Slit2 as a therapeutic target for central nervous system disorders. Expert Opinion on Therapeutic Targets, 2020, 24, 805-818.	1.5	6
78	Effects of low-dose unfractionated heparin on early brain injury after subarachnoid hemorrhage in mice. Neuroscience Letters, 2020, 728, 134979.	1.0	5
79	TREM2 activation attenuates neuroinflammation and neuronal apoptosis via PI3K/Akt pathway after intracerebral hemorrhage in mice. Journal of Neuroinflammation, 2020, 17, 168.	3.1	156
80	Rh-CSF1 attenuates neuroinflammation via the CSF1R/PLCG2/PKCÎµ pathway in a rat model of neonatal HIE. Journal of Neuroinflammation, 2020, 17, 182.	3.1	18
81	Isoflurane versus sevoflurane for early brain injury and expression of sphingosine kinase 1 after experimental subarachnoid hemorrhage. Neuroscience Letters, 2020, 733, 135142.	1.0	16
82	Orexin A alleviates neuroinflammation via OXR2/CaMKKÎ²/AMPK signaling pathway after ICH in mice. Journal of Neuroinflammation, 2020, 17, 187.	3.1	25
83	Experimental and Clinical Treatment of Subarachnoid Hemorrhage after the Rupture of Saccular Intracranial Aneurysms. Brain Sciences, 2020, 10, 371.	1.1	0
84	Acute Treatment With Gleevec Does Not Promote Early Vascular Recovery Following Intracerebral Hemorrhage in Adult Male Rats. Frontiers in Neuroscience, 2020, 14, 46.	1.4	1
85	An Immunohistochemical Study of the Increase in Antioxidant Capacity of Corneal Epithelial Cells by Molecular Hydrogen, Leading to the Suppression of Alkali-Induced Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-10.	1.9	10
86	Glial Cells: Role of the Immune Response in Ischemic Stroke. Frontiers in Immunology, 2020, 11, 294.	2.2	301
87	Effects of Lifestyle Factors on Cognitive Resilience: Commentary on â€œWhat This Sunny, Religious Town in California Teaches Us About Living Longerâ€• Translational Stroke Research, 2020, 11, 161-164.	2.3	4
88	Temporal evolution of heme oxygenase-1 expression in reactive astrocytes and microglia in response to traumatic brain injury. Brain Hemorrhages, 2020, 1, 65-74.	0.4	3
89	Stem Cell Therapy for Brain Injury. Stem Cells and Development, 2020, 29, 177-177.	1.1	3
90	Recombinant OX40 attenuates neuronal apoptosis through OX40-OX40L/PI3K/AKT signaling pathway following subarachnoid hemorrhage in rats. Experimental Neurology, 2020, 326, 113179.	2.0	19

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91	Stem Cell Therapy in Brain Ischemia: The Role of Mitochondrial Transfer. Stem Cells and Development, 2020, 29, 555-561.	1.1	15
92	Overexpression of Mfsd2a attenuates blood brain barrier dysfunction via Cav-1/Keap-1/Nrf-2/HO-1 pathway in a rat model of surgical brain injury. Experimental Neurology, 2020, 326, 113203.	2.0	29
93	Cyclophilin a signaling induces pericyte-associated blood-brain barrier disruption after subarachnoid hemorrhage. Journal of Neuroinflammation, 2020, 17, 16.	3.1	31
94	cGAS/STING Pathway Activation Contributes to Delayed Neurodegeneration in Neonatal Hypoxia-Ischemia Rat Model: Possible Involvement of LINE-1. Molecular Neurobiology, 2020, 57, 2600-2619.	1.9	56
95	Programmed Cell Deaths and Potential Crosstalk With Bloodâ€“Brain Barrier Dysfunction After Hemorrhagic Stroke. Frontiers in Cellular Neuroscience, 2020, 14, 68.	1.8	69
96	DKK3 attenuates JNK and AP-1 induced inflammation via Kremen-1 and DVL-1 in mice following intracerebral hemorrhage. Journal of Neuroinflammation, 2020, 17, 130.	3.1	27
97	The Next Step in the Treatment of Stroke. Frontiers in Neurology, 2020, 11, 582605.	1.1	16
98	Delayed recanalization after MCAO ameliorates ischemic stroke by inhibiting apoptosis via HGF/c-Met/STAT3/Bcl-2 pathway in rats. Experimental Neurology, 2020, 330, 113359.	2.0	45
99	Ezetimibe Attenuates Oxidative Stress and Neuroinflammation via the AMPK/Nrf2/TXNIP Pathway after MCAO in Rats. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-14.	1.9	92
100	Extracellular Vesicleâ€“Mediated Delivery of Circular RNA SCMH1 Promotes Functional Recovery in Rodent and Nonhuman Primate Ischemic Stroke Models. Circulation, 2020, 142, 556-574.	1.6	198
101	The Stroke-Induced Blood-Brain Barrier Disruption: Current Progress of Inspection Technique, Mechanism, and Therapeutic Target. Current Neuropharmacology, 2020, 18, 1187-1212.	1.4	38
102	The Dual Role of Microglia in Blood-Brain Barrier Dysfunction after Stroke. Current Neuropharmacology, 2020, 18, 1237-1249.	1.4	41
103	A Novel Technique for Visualizing and Analyzing the Cerebral Vasculature in Rodents. Translational Stroke Research, 2019, 10, 216-230.	2.3	19
104	Osteopontin attenuates early brain injury through regulating autophagyâ€“apoptosis interaction after subarachnoid hemorrhage in rats. CNS Neuroscience and Therapeutics, 2019, 25, 1162-1172.	1.9	30
105	Call for Papers: Special Issue on Stem Cell Therapy for Traumatic Brain Injury. Stem Cells and Development, 2019, 28, 1213-1213.	1.1	0
106	Delayed recanalization at 3 days after permanent MCAO attenuates neuronal apoptosis through FGF21/FGFR1/PI3K/Caspase-3 pathway in rats. Experimental Neurology, 2019, 320, 113007.	2.0	31
107	Circular RNA TLK1 Aggravates Neuronal Injury and Neurological Deficits after Ischemic Stroke via miR-335-3p/TIPARP. Journal of Neuroscience, 2019, 39, 7369-7393.	1.7	164
108	Activation of GPR30 with G1 attenuates neuronal apoptosis via src/EGFR/stat3 signaling pathway after subarachnoid hemorrhage in male rats. Experimental Neurology, 2019, 320, 113008.	2.0	25

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109	Astrogliosis inhibition attenuates hydrocephalus by increasing cerebrospinal fluid reabsorption through the glymphatic system after germinal matrix hemorrhage. Experimental Neurology, 2019, 320, 113003.	2.0	41
110	Consciousness: New Concepts and Neural Networks. Frontiers in Cellular Neuroscience, 2019, 13, 302.	1.8	28
111	Recombinant Slit2 attenuates neuronal apoptosis via the Robo1-srGAP1 pathway in a rat model of neonatal HIE. Neuropharmacology, 2019, 158, 107727.	2.0	10
112	RvD1binding with FPR2 attenuates inflammation via Rac1/NOX2 pathway after neonatal hypoxic-ischemic injury in rats. Experimental Neurology, 2019, 320, 112982.	2.0	20
113	Ghrelin attenuates oxidative stress and neuronal apoptosis via GHSR-1Î±/AMPK/Sirt1/PGC-1Î±/UCP2 pathway in a rat model of neonatal HIE. Free Radical Biology and Medicine, 2019, 141, 322-337.	1.3	79
114	Delayed recanalization in acute ischemic stroke patients: Late is better than never?. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 2536-2538.	2.4	9
115	The risk factors and prognosis of delayed perihematomal edema in patients with spontaneous intracerebral hemorrhage. CNS Neuroscience and Therapeutics, 2019, 25, 1189-1194.	1.9	18
116	Osteopontin-Enhanced Autophagy Attenuates Early Brain Injury via FAKâ€“ERK Pathway and Improves Long-Term Outcome after Subarachnoid Hemorrhage in Rats. Cells, 2019, 8, 980.	1.8	23
117	Viral-mediated gene delivery of TMBIM6 protects the neonatal brain via disruption of NPR-CYP complex coupled with upregulation of Nrf-2 post-HI. Journal of Neuroinflammation, 2019, 16, 174.	3.1	8
118	Activation of TGR5 with INT-777 attenuates oxidative stress and neuronal apoptosis via cAMP/PKCÎµ/ALDH2 pathway after subarachnoid hemorrhage in rats. Free Radical Biology and Medicine, 2019, 143, 441-453.	1.3	64
119	LRP1 activation attenuates white matter injury by modulating microglial polarization through Shc1/PI3K/Akt pathway after subarachnoid hemorrhage in rats. Redox Biology, 2019, 21, 101121.	3.9	92
120	Pathophysiology of Ganglioside GM1 in Ischemic Stroke: Ganglioside GM1: A Critical Review. Cell Transplantation, 2019, 28, 657-661.	1.2	16
121	Rh-IFN-Î± attenuates neuroinflammation and improves neurological function by inhibiting NF-ÎºB through JAK1-STAT1/TRAF3 pathway in an experimental GMH rat model. Brain, Behavior, and Immunity, 2019, 79, 174-185.	2.0	33
122	Chemerin reverses neurological impairments and ameliorates neuronal apoptosis through ChemR23/CAMKK2/AMPK pathway in neonatal hypoxicâ€“ischemic encephalopathy. Cell Death and Disease, 2019, 10, 97.	2.7	44
123	FGF-2 Attenuates Neuronal Apoptosis via FGFR3/PI3k/Akt Signaling Pathway After Subarachnoid Hemorrhage. Molecular Neurobiology, 2019, 56, 8203-8219.	1.9	49
124	MicroRNA-101a Regulates Autophagy Phenomenon via the MAPK Pathway to Modulate Alzheimerâ€™s-Associated Pathogenesis. Cell Transplantation, 2019, 28, 1076-1084.	1.2	28
125	Contribution of Experimental Animal Research Studies to the Emergency Medicine Literature. Emergency Medicine International, 2019, 2019, 1-10.	0.3	0
126	Estrogen receptor Î± promotes Cav1.2 ubiquitination and degradation in neuronal cells and in APP/PS1 mice. Aging Cell, 2019, 18, e12961.	3.0	30

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127	The role of caveolin-1 in tumors of the brain - functional and clinical implications. Cellular Oncology (Dordrecht), 2019, 42, 423-447.	2.1	10
128	Secukinumab attenuates reactive astrogliosis via ILâ€17RA/(C/EBPÎ²)/SIRT1 pathway in a rat model of germinal matrix hemorrhage. CNS Neuroscience and Therapeutics, 2019, 25, 1151-1161.	1.9	21
129	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.	1.0	117
130	The MC₄ receptor agonist RO27â€3225 inhibits NLRP1â€dependent neuronal pyroptosis via the ASK1/JNK/p38 MAPK pathway in a mouse model of intracerebral haemorrhage. British Journal of Pharmacology, 2019, 176, 1341-1356.	2.7	54
131	Activation of retinoid X receptor by bexarotene attenuates neuroinflammation via PPARÎ³/SIRT6/FoxO3a pathway after subarachnoid hemorrhage in rats. Journal of Neuroinflammation, 2019, 16, 47.	3.1	63
132	Mitoquinone attenuates blood-brain barrier disruption through Nrf2/PHB2/OPA1 pathway after subarachnoid hemorrhage in rats. Experimental Neurology, 2019, 317, 1-9.	2.0	43
133	Surgically-induced brain injury: where are we now?. Chinese Neurosurgical Journal, 2019, 5, 29.	0.3	16
134	Scavenger Receptor Class B type 1 (SR-B1) and the modifiable risk factors of stroke. Chinese Neurosurgical Journal, 2019, 5, 30.	0.3	11
135	Adenoviral-TMBIM6 vector attenuates ER stress - induced apoptosis in a neonatal hypoxic-ischemic rat model. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	19
136	The Role of Oxidative Stress in Common Risk Factors and Mechanisms of Cardio-Cerebrovascular Ischemia and Depression. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	1.9	31
137	Immunoreactive Cells After Cerebral Ischemia. Frontiers in Immunology, 2019, 10, 2781.	2.2	31
138	Targeting mast cell as a neuroprotective strategy. Brain Injury, 2019, 33, 723-733.	0.6	25
139	GCN2 reduces inflammation by p-eIF2Î±/ATF4 pathway after intracerebral hemorrhage in mice. Experimental Neurology, 2019, 313, 16-25.	2.0	21
140	Involvement of Cerebral Venous System in Ischemic Stroke. Springer Series in Translational Stroke Research, 2019, , 195-205.	0.1	0
141	Neurovascular Network as Future Therapeutic Targets. Springer Series in Translational Stroke Research, 2019, , 1-47.	0.1	0
142	White Matter Injury in Early Brain Injury after Subarachnoid Hemorrhage. Cell Transplantation, 2019, 28, 26-35.	1.2	30
143	Administration of rCTRP9 Attenuates Neuronal Apoptosis Through AdipoR1/PI3K/Akt Signaling Pathway after ICH in Mice. Cell Transplantation, 2019, 28, 756-766.	1.2	17
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