

John H Zhang

List of Publications by Year in descending order

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729
papers

33,631
citations

4383

86
h-index

12585

132
g-index

756
all docs

756
docs citations

756
times ranked

22818
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy and Apoptosis in Acute Brain Injuries: From Mechanism to Treatment. <i>Antioxidants and Redox Signaling</i> , 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. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 543-558.	2.4	17
4	Introduction to Special Issue: Brain Immunity and Neuroinflammation. <i>Experimental Neurology</i> , 2022, 349, 113957.	2.0	0
5	Met-RANTES preserves the blood-brain barrier through inhibiting CCR1/SRC/Rac1 pathway after intracerebral hemorrhage in mice. <i>Fluids and Barriers of the CNS</i> , 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. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-17.	1.9	5
7	Inhibition of caspase-1-mediated inflammasome activation reduced blood coagulation in cerebrospinal fluid after subarachnoid haemorrhage. <i>EBioMedicine</i> , 2022, 76, 103843.	2.7	22
8	Human Galectin-7 Gene LGALS7 Promoter Sequence Polymorphisms and Risk of Spontaneous Intracerebral Hemorrhage: A Prospective Study. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 840340.	1.4	0
9	Targeting Oxidative Stress and Inflammatory Response for Blood-brain Barrier Protection in Intracerebral Hemorrhage. <i>Antioxidants and Redox Signaling</i> , 2022, 37, 115-134.	2.5	40
10	Kynurenine/Aryl Hydrocarbon Receptor Modulates Mitochondria-Mediated Oxidative Stress and Neuronal Apoptosis in Experimental Intracerebral Hemorrhage. <i>Antioxidants and Redox Signaling</i> , 2022, 37, 1111-1129.	2.5	11
11	Cerebral small vessel disease alters neurovascular unit regulation of microcirculation integrity involved in vascular cognitive impairment. <i>Neurobiology of Disease</i> , 2022, 170, 105750.	2.1	24
12	Adiponectin Ameliorates GMH-Induced Brain Injury by Regulating Microglia M1/M2 Polarization Via AdipoR1/APPL1/AMPK/PPAR γ Signaling Pathway in Neonatal Rats. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	7
13	Evolution of the stroke paradigm: A review of delayed recanalization. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 945-957.	2.4	8
14	Sodium butyrate attenuated neuronal apoptosis via GPR41/G β 1 γ 3/PI3K/Akt pathway after MCAO in rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 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. <i>Brain, Behavior, and Immunity</i> , 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-1 α pathway in rats. <i>Theranostics</i> , 2021, 11, 522-539.	4.6	64
17	Delayed Recanalization-How Late Is Not Too Late?. <i>Translational Stroke Research</i> , 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. <i>Brain, Behavior, and Immunity</i> , 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. <i>Oxidative Medicine and Cellular Longevity</i> , 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. <i>Journal of Neuroinflammation</i> , 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. <i>Journal of Neuroinflammation</i> , 2021, 18, 40.	3.1	21
22	Novel Technologies in Studying Brain Immune Response. <i>Oxidative Medicine and Cellular Longevity</i> , 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. <i>Journal of Neuroinflammation</i> , 2021, 18, 62.	3.1	31
24	Increase in Blood-Brain Barrier (BBB) Permeability Is Regulated by MMP3 via the ERK Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	19
25	Molecular Hydrogen Application in Stroke: Bench to Bedside. <i>Current Pharmaceutical Design</i> , 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/Dynammin-1-Like Protein Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	1.9	9
27	Activation of Galanin Receptor 1 with M617 Attenuates Neuronal Apoptosis via ERK/GSK-3 β /TIP60 Pathway After Subarachnoid Hemorrhage in Rats. <i>Neurotherapeutics</i> , 2021, 18, 1905-1921.	2.1	6
28	LJ529 attenuates mast cell-related inflammation via A3R-PKC μ -ALDH2 pathway after subarachnoid hemorrhage in rats. <i>Experimental Neurology</i> , 2021, 340, 113686.	2.0	5
29	TREM (Triggering Receptor Expressed on Myeloid Cells)-1 Inhibition Attenuates Neuroinflammation via PKC (Protein Kinase C) γ /CARD9 (Caspase Recruitment Domain Family Member 9) Signaling Pathway After Intracerebral Hemorrhage in Mice. <i>Stroke</i> , 2021, 52, 2162-2173.	1.0	23
30	Neurokinin Receptor 1 (NK1R) Antagonist Aprepitant Enhances Hematoma Clearance by Regulating Microglial Polarization via PKC/p38MAPK/NF κ B Pathway After Experimental Intracerebral Hemorrhage in Mice. <i>Neurotherapeutics</i> , 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. <i>Journal of Neuroinflammation</i> , 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/GSK3 β signaling pathway. <i>Free Radical Biology and Medicine</i> , 2021, 171, 99-111.	1.3	16
33	Editorial: Pluripotent Cells for Stroke: From Mechanism to Therapeutic Strategies. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 738240.	1.8	0
34	Dihydrolipoic acid enhances autophagy and alleviates neurological deficits after subarachnoid hemorrhage in rats. <i>Experimental Neurology</i> , 2021, 342, 113752.	2.0	5
35	Imaging Acute Stroke: From One-Size-Fit-All to Biomarkers. <i>Frontiers in Neurology</i> , 2021, 12, 697779.	1.1	8
36	Activation of Frizzled-7 attenuates blood-brain barrier disruption through Dvl/ β -catenin/WISP1 signaling pathway after intracerebral hemorrhage in mice. <i>Fluids and Barriers of the CNS</i> , 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. <i>Free Radical Biology and Medicine</i> , 2021, 174, 236-248.	1.3	12
38	Activation of GPR39 with TC-G 1008 Attenuates neuroinflammation via SIRT1/PGC-1 β /Nrf2 pathway post-neonatal hypoxic-ischemic injury in rats. <i>Journal of Neuroinflammation</i> , 2021, 18, 226.	3.1	20
39	Inhibition of Aryl Hydrocarbon Receptor Attenuates Hyperglycemia-Induced Hematoma Expansion in an Intracerebral Hemorrhage Mouse Model. <i>Journal of the American Heart Association</i> , 2021, 10, e022701.	1.6	7
40	CCR5 Activation Promotes NLRP1-Dependent Neuronal Pyroptosis via CCR5/PKA/CREB Pathway After Intracerebral Hemorrhage. <i>Stroke</i> , 2021, 52, 4021-4032.	1.0	46
41	SPARC Aggravates Blood-Brain Barrier Disruption via Integrin α 2 β 3/MAPKs/MMP-9 Signaling Pathway after Subarachnoid Hemorrhage. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	5
42	Sirtuin 5-Mediated Lysine Desuccinylation Protects Mitochondrial Metabolism Following Subarachnoid Hemorrhage in Mice. <i>Stroke</i> , 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. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 750726.	1.4	8
44	The insights into molecular pathways of hypoxia-inducible factor in the brain. <i>Journal of Neuroscience Research</i> , 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. <i>Journal of Neuroscience Research</i> , 2020, 98, 155-167.	1.3	20
46	Annexin A1 attenuates neuroinflammation through FPR2/p38/COX-2 pathway after intracerebral hemorrhage in male mice. <i>Journal of Neuroscience Research</i> , 2020, 98, 168-178.	1.3	43
47	The characteristics of the ancient cell death suppressor, TM6SF2, and its related signaling pathways after endoplasmic reticulum stress. <i>Journal of Neuroscience Research</i> , 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. <i>Journal of Neuroscience Research</i> , 2020, 98, 141-154.	1.3	14
49	The arousal effect of hyperbaric oxygen through orexin/hypocretin upregulation on ketamine/ethanol-induced unconsciousness in male rats. <i>Journal of Neuroscience Research</i> , 2020, 98, 201-211.	1.3	5
50	<i>Crotalus atrox</i> disintegrin reduces hemorrhagic transformation by attenuating matrix metalloproteinase-9 activity after middle cerebral artery occlusion in hyperglycemic male rats. <i>Journal of Neuroscience Research</i> , 2020, 98, 191-200.	1.3	6
51	Insights into major facilitator superfamily domain-containing protein 2a (Mfsd2a) in physiology and pathophysiology. What do we know so far?. <i>Journal of Neuroscience Research</i> , 2020, 98, 29-41.	1.3	32
52	Posthemorrhagic hydrocephalus development after germinal matrix hemorrhage: Established mechanisms and proposed pathways. <i>Journal of Neuroscience Research</i> , 2020, 98, 105-120.	1.3	58
53	A comprehensive review of therapeutic targets that induce microglia/macrophage-mediated hematoma resolution after germinal matrix hemorrhage. <i>Journal of Neuroscience Research</i> , 2020, 98, 121-128.	1.3	18
54	Activation of Melanocortin 1 Receptor Attenuates Early Brain Injury in a Rat Model of Subarachnoid Hemorrhage via the Suppression of Neuroinflammation through AMPK/TBK1/NF- κ B Pathway in Rats. <i>Neurotherapeutics</i> , 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. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104536.	0.7	7
56	17th international conference on Brain Edema and Cellular Injury. <i>Journal of Neuroscience Research</i> , 2020, 98, 5-8.	1.3	0
57	CCR1 Activation Promotes Neuroinflammation Through CCR1/TPR1/ERK1/2 Signaling Pathway After Intracerebral Hemorrhage in Mice. <i>Neurotherapeutics</i> , 2020, 17, 1170-1183.	2.1	46
58	Recent Advances in Stem Cell Research in Subarachnoid Hemorrhage. <i>Stem Cells and Development</i> , 2020, 29, 178-186.	1.1	8
59	Dysfunction of the neurovascular unit in diabetes-related neurodegeneration. <i>Biomedicine and Pharmacotherapy</i> , 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. <i>Shock</i> , 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. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 12318-12330.	1.6	25
63	Osteopontin as a candidate of therapeutic application for the acute brain injury. <i>Journal of Cellular and Molecular Medicine</i> , 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?. <i>Journal of Neuroscience Research</i> , 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. <i>Neurotherapeutics</i> , 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. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-20.	1.9	13
67	Rh-relaxin-2 attenuates degranulation of mast cells by inhibiting NF-Î² through PI3K-AKT/TNFAIP3 pathway in an experimental germinal matrix hemorrhage rat model. <i>Journal of Neuroinflammation</i> , 2020, 17, 250.	3.1	11
68	Inhibition of EZH2 (Enhancer of Zeste Homolog 2) Attenuates Neuroinflammation via H3k27me3/SOCS3/TRAF6/NF-Î²B (Trimethylation of Histone 3 Lysine 27/Suppressor of Cytokine Signaling) Tj ETQq0 0 0 rgBT /Overlock Hemorrhage. <i>Stroke</i> , 2020, 51, 3320-3331.	1.0	48
69	The Activation of Phosphatidylserine/CD36/TGF-Î²¹ Pathway prior to Surgical Brain Injury Attenuates Neuroinflammation in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 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. <i>Neurotherapeutics</i> , 2020, 17, 1954-1972.	2.1	33
71	NT-4 attenuates neuroinflammation via TrkB/PI3K/FoxO1 pathway after germinal matrix hemorrhage in neonatal rats. <i>Journal of Neuroinflammation</i> , 2020, 17, 158.	3.1	26
72	Persistent Neurovascular Unit Dysfunction: Pathophysiological Substrate and Trigger for Late-Onset Neurodegeneration After Traumatic Brain Injury. <i>Frontiers in Neuroscience</i> , 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. <i>Journal of Biomedical Science</i> , 2020, 27, 61.	2.6	26
74	IRE1 β inhibition attenuates neuronal pyroptosis via miR-125/NLRP1 pathway in a neonatal hypoxic-ischemic encephalopathy rat model. <i>Journal of Neuroinflammation</i> , 2020, 17, 152.	3.1	35
75	Inhibition of mast cell tryptase attenuates neuroinflammation via PAR-2/p38/NF κ B pathway following asphyxial cardiac arrest in rats. <i>Journal of Neuroinflammation</i> , 2020, 17, 144.	3.1	12
76	Rhodopsin: A Potential Biomarker for Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2020, 14, 326.	1.4	22
77	The potential of Slit2 as a therapeutic target for central nervous system disorders. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 805-818.	1.5	6
78	Effects of low-dose unfractionated heparin on early brain injury after subarachnoid hemorrhage in mice. <i>Neuroscience Letters</i> , 2020, 728, 134979.	1.0	5
79	TREM2 activation attenuates neuroinflammation and neuronal apoptosis via PI3K/Akt pathway after intracerebral hemorrhage in mice. <i>Journal of Neuroinflammation</i> , 2020, 17, 168.	3.1	156
80	Rh-CSF1 attenuates neuroinflammation via the CSF1R/PLCG2/PKC μ pathway in a rat model of neonatal HIE. <i>Journal of Neuroinflammation</i> , 2020, 17, 182.	3.1	18
81	Isoflurane versus sevoflurane for early brain injury and expression of sphingosine kinase 1 after experimental subarachnoid hemorrhage. <i>Neuroscience Letters</i> , 2020, 733, 135142.	1.0	16
82	Orexin A alleviates neuroinflammation via OXR2/CaMKK β /AMPK signaling pathway after ICH in mice. <i>Journal of Neuroinflammation</i> , 2020, 17, 187.	3.1	25
83	Experimental and Clinical Treatment of Subarachnoid Hemorrhage after the Rupture of Saccular Intracranial Aneurysms. <i>Brain Sciences</i> , 2020, 10, 371.	1.1	0
84	Acute Treatment With Gleevec Does Not Promote Early Vascular Recovery Following Intracerebral Hemorrhage in Adult Male Rats. <i>Frontiers in Neuroscience</i> , 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. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-10.	1.9	10
86	Glial Cells: Role of the Immune Response in Ischemic Stroke. <i>Frontiers in Immunology</i> , 2020, 11, 294.	2.2	301
87	Effects of Lifestyle Factors on Cognitive Resilience: Commentary on "What This Sunny, Religious Town in California Teaches Us About Living Longer", <i>Translational Stroke Research</i> , 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. <i>Brain Hemorrhages</i> , 2020, 1, 65-74.	0.4	3
89	Stem Cell Therapy for Brain Injury. <i>Stem Cells and Development</i> , 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. <i>Experimental Neurology</i> , 2020, 326, 113179.	2.0	19

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91	Stem Cell Therapy in Brain Ischemia: The Role of Mitochondrial Transfer. <i>Stem Cells and Development</i> , 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. <i>Experimental Neurology</i> , 2020, 326, 113203.	2.0	29
93	Cyclophilin a signaling induces pericyte-associated blood-brain barrier disruption after subarachnoid hemorrhage. <i>Journal of Neuroinflammation</i> , 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. <i>Molecular Neurobiology</i> , 2020, 57, 2600-2619.	1.9	56
95	Programmed Cell Deaths and Potential Crosstalk With Blood-Brain Barrier Dysfunction After Hemorrhagic Stroke. <i>Frontiers in Cellular Neuroscience</i> , 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. <i>Journal of Neuroinflammation</i> , 2020, 17, 130.	3.1	27
97	The Next Step in the Treatment of Stroke. <i>Frontiers in Neurology</i> , 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. <i>Experimental Neurology</i> , 2020, 330, 113359.	2.0	45
99	Ezetimibe Attenuates Oxidative Stress and Neuroinflammation via the AMPK/Nrf2/TXNIP Pathway after MCAO in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	92
100	Extracellular Vesicle-Mediated Delivery of Circular RNA SCMH1 Promotes Functional Recovery in Rodent and Nonhuman Primate Ischemic Stroke Models. <i>Circulation</i> , 2020, 142, 556-574.	1.6	198
101	The Stroke-Induced Blood-Brain Barrier Disruption: Current Progress of Inspection Technique, Mechanism, and Therapeutic Target. <i>Current Neuropharmacology</i> , 2020, 18, 1187-1212.	1.4	38
102	The Dual Role of Microglia in Blood-Brain Barrier Dysfunction after Stroke. <i>Current Neuropharmacology</i> , 2020, 18, 1237-1249.	1.4	41
103	A Novel Technique for Visualizing and Analyzing the Cerebral Vasculature in Rodents. <i>Translational Stroke Research</i> , 2019, 10, 216-230.	2.3	19
104	Osteopontin attenuates early brain injury through regulating autophagy-apoptosis interaction after subarachnoid hemorrhage in rats. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 1162-1172.	1.9	30
105	Call for Papers: Special Issue on Stem Cell Therapy for Traumatic Brain Injury. <i>Stem Cells and Development</i> , 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. <i>Experimental Neurology</i> , 2019, 320, 113007.	2.0	31
107	Circular RNA <i>TLK1</i> Aggravates Neuronal Injury and Neurological Deficits after Ischemic Stroke via miR-335-3p/TIPARP. <i>Journal of Neuroscience</i> , 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. <i>Experimental Neurology</i> , 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. <i>Experimental Neurology</i> , 2019, 320, 113003.	2.0	41
110	Consciousness: New Concepts and Neural Networks. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 302.	1.8	28
111	Recombinant Slit2 attenuates neuronal apoptosis via the Robo1-srGAP1 pathway in a rat model of neonatal HIE. <i>Neuropharmacology</i> , 2019, 158, 107727.	2.0	10
112	RvD1 binding with FPR2 attenuates inflammation via Rac1/NOX2 pathway after neonatal hypoxic-ischemic injury in rats. <i>Experimental Neurology</i> , 2019, 320, 112982.	2.0	20
113	Ghrelin attenuates oxidative stress and neuronal apoptosis via GHSR-1 \pm /AMPK/Sirt1/PGC-1 \pm /UCP2 pathway in a rat model of neonatal HIE. <i>Free Radical Biology and Medicine</i> , 2019, 141, 322-337.	1.3	79
114	Delayed recanalization in acute ischemic stroke patients: Late is better than never?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2536-2538.	2.4	9
115	The risk factors and prognosis of delayed perihematomal edema in patients with spontaneous intracerebral hemorrhage. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 1189-1194.	1.9	18
116	Osteopontin-Enhanced Autophagy Attenuates Early Brain Injury via FAK \rightarrow ERK Pathway and Improves Long-Term Outcome after Subarachnoid Hemorrhage in Rats. <i>Cells</i> , 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. <i>Journal of Neuroinflammation</i> , 2019, 16, 174.	3.1	8
118	Activation of TGR5 with INT-777 attenuates oxidative stress and neuronal apoptosis via cAMP/PKC μ /ALDH2 pathway after subarachnoid hemorrhage in rats. <i>Free Radical Biology and Medicine</i> , 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. <i>Redox Biology</i> , 2019, 21, 101121.	3.9	92
120	Pathophysiology of Ganglioside GM1 in Ischemic Stroke: Ganglioside GM1: A Critical Review. <i>Cell Transplantation</i> , 2019, 28, 657-661.	1.2	16
121	Rh-IFN- γ attenuates neuroinflammation and improves neurological function by inhibiting NF- κ B through JAK1-STAT1/TRAF3 pathway in an experimental GMH rat model. <i>Brain, Behavior, and Immunity</i> , 2019, 79, 174-185.	2.0	33
122	Chemerin reverses neurological impairments and ameliorates neuronal apoptosis through ChemR23/CAMKK2/AMPK pathway in neonatal hypoxic-ischemic encephalopathy. <i>Cell Death and Disease</i> , 2019, 10, 97.	2.7	44
123	FGF-2 Attenuates Neuronal Apoptosis via FGFR3/PI3k/Akt Signaling Pathway After Subarachnoid Hemorrhage. <i>Molecular Neurobiology</i> , 2019, 56, 8203-8219.	1.9	49
124	MicroRNA-101a Regulates Autophagy Phenomenon via the MAPK Pathway to Modulate Alzheimer's-Associated Pathogenesis. <i>Cell Transplantation</i> , 2019, 28, 1076-1084.	1.2	28
125	Contribution of Experimental Animal Research Studies to the Emergency Medicine Literature. <i>Emergency Medicine International</i> , 2019, 2019, 1-10.	0.3	0
126	Estrogen receptor β promotes Cav1.2 ubiquitination and degradation in neuronal cells and in APP/PS1 mice. <i>Aging Cell</i> , 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 IL-17RA/(C/EBP β)/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
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