Changlian Zhu

List of Publications by Year
in descending order

166 papers	13,389 citations	38742 50 h-index	23533 111 g-index
171 all docs	171 docs citations	171 times ranked	19711 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Regulation of autophagy by cytoplasmic p53. Nature Cell Biology, 2008, 10, 676-687.	10.3	1,025
3	Synergistic Activation of Caspase-3 by m-Calpain after Neonatal Hypoxia-Ischemia. Journal of Biological Chemistry, 2001, 276, 10191-10198.	3.4	401
4	The influence of age on apoptotic and other mechanisms of cell death after cerebral hypoxiaâ€"ischemia. Cell Death and Differentiation, 2005, 12, 162-176.	11.2	383
5	Erythropoietin Improved Neurologic Outcomes in Newborns With Hypoxic-Ischemic Encephalopathy. Pediatrics, 2009, 124, e218-e226.	2.1	310
6	Apoptosis-Inducing Factor Triggered by Poly(ADP-Ribose) Polymerase and Bid Mediates Neuronal Cell Death after Oxygen-Glucose Deprivation and Focal Cerebral Ischemia. Journal of Neuroscience, 2005, 25, 10262-10272.	3.6	309
7	Isoflurane Anesthesia Induced Persistent, Progressive Memory Impairment, Caused a Loss of Neural Stem Cells, and Reduced Neurogenesis in Young, but Not Adult, Rodents. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1017-1030.	4.3	268
8	PARPâ€1 gene disruption in mice preferentially protects males from perinatal brain injury. Journal of Neurochemistry, 2004, 90, 1068-1075.	3.9	266
9	Different apoptotic mechanisms are activated in male and female brains after neonatal hypoxiaâ€"ischaemia. Journal of Neurochemistry, 2006, 96, 1016-1027.	3.9	252
10	Involvement of apoptosisâ€inducing factor in neuronal death after hypoxiaâ€ischemia in the neonatal rat brain. Journal of Neurochemistry, 2003, 86, 306-317.	3.9	251
11	Matrix Metalloproteinase-9 Gene Knock-out Protects the Immature Brain after Cerebral Hypoxiaâ€"Ischemia. Journal of Neuroscience, 2007, 27, 1511-1518.	3.6	210
12	Cyclophilin A participates in the nuclear translocation of apoptosis-inducing factor in neurons after cerebral hypoxia-ischemia. Journal of Experimental Medicine, 2007, 204, 1741-1748.	8.5	197
13	Apoptosis-inducing factor is a major contributor to neuronal loss induced by neonatal cerebral hypoxia-ischemia. Cell Death and Differentiation, 2007, 14, 775-784.	11.2	189
14	Voluntary running rescues adult hippocampal neurogenesis after irradiation of the young mouse brain. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14632-14637.	7.1	186
15	Interaction between AIF and CHCHD4 Regulates Respiratory Chain Biogenesis. Molecular Cell, 2015, 58, 1001-1014.	9.7	164
16	Inhalation of Nitric Oxide Prevents Ischemic Brain Damage in Experimental Stroke by Selective Dilatation of Collateral Arterioles. Circulation Research, 2012, 110, 727-738.	4.5	163
17	Nuclear Translocation of Apoptosis-Inducing Factor after Focal Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2004, 24, 458-466.	4.3	160
18	Neuroprotective properties of memantine in differentin vitroandin vivomodels of excitotoxicity. European Journal of Neuroscience, 2006, 23, 2611-2622.	2.6	154

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19	<i>N</i>â€acetylcysteine reduces lipopolysaccharideâ€sensitized hypoxicâ€ischemic brain injury. Annals of Neurology, 2007, 61, 263-271.	5.3	146
20	Neuroprotection by selective neuronal deletion of <i>Atg7</i> in neonatal brain injury. Autophagy, 2016, 12, 410-423.	9.1	140
21	Mitochondria and ischemic reperfusion damage in the adult and in the developing brain. Biochemical and Biophysical Research Communications, 2003, 304, 551-559.	2.1	138
22	Irradiation of the Juvenile Brain Provokes a Shift from Long-Term Potentiation to Long-Term Depression. Developmental Neuroscience, 2015, 37, 263-272.	2.0	131
23	Melatonin receptor activation provides cerebral protection after traumatic brain injury by mitigating oxidative stress and inflammation via the Nrf2 signaling pathway. Free Radical Biology and Medicine, 2019, 131, 345-355.	2.9	126
24	Neuroprotection by Selective Nitric Oxide Synthase Inhibition at 24 Hours After Perinatal Hypoxia-Ischemia. Stroke, 2002, 33, 2304-2310.	2.0	118
25	Developmental Shift of Cyclophilin D Contribution to Hypoxic-Ischemic Brain Injury. Journal of Neuroscience, 2009, 29, 2588-2596.	3.6	113
26	The nonerythropoietic asialoerythropoietin protects against neonatal hypoxiaâ€ischemia as potently as erythropoietin. Journal of Neurochemistry, 2004, 91, 900-910.	3.9	110
27	Correlation Between Caspase-3 Activation and Three Different Markers of DNA Damage in Neonatal Cerebral Hypoxia-Ischemia. Journal of Neurochemistry, 2002, 75, 819-829.	3.9	108
28	Recombinant human erythropoietin improves neurological outcomes in very preterm infants. Annals of Neurology, 2016, 80, 24-34.	5.3	103
29	Lithium-Mediated Long-Term Neuroprotection in Neonatal Rat Hypoxiaâ€"Ischemia is Associated with Antiinflammatory Effects and Enhanced Proliferation and Survival of Neural Stem/Progenitor Cells. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 2106-2115.	4.3	102
30	Mutations disrupting neuritogenesis genes confer risk for cerebral palsy. Nature Genetics, 2020, 52, 1046-1056.	21.4	96
31	X-linked inhibitor of apoptosis (XIAP) protein protects against caspase activation and tissue loss after neonatal hypoxiaâ€"ischemia. Neurobiology of Disease, 2004, 16, 179-189.	4.4	90
32	Post-ischemic hypothermia-induced tissue protection and diminished apoptosis after neonatal cerebral hypoxiaâ€"ischemia. Brain Research, 2004, 996, 67-75.	2.2	89
33	Lithium reduced neural progenitor apoptosis in the hippocampus and ameliorated functional deficits after irradiation to the immature mouse brain. Molecular and Cellular Neurosciences, 2012, 51, 32-42.	2.2	89
34	Dual Role of Intrauterine Immune Challenge on Neonatal and Adult Brain Vulnerability to Hypoxia-Ischemia. Journal of Neuropathology and Experimental Neurology, 2007, 66, 552-561.	1.7	88
35	De Novo Pathogenic Variants in CACNA1E Cause Developmental and Epileptic Encephalopathy with Contractures, Macrocephaly, and Dyskinesias. American Journal of Human Genetics, 2018, 103, 666-678.	6.2	87
36	Epidemiological and Clinical Characteristics of COVID-19 in Children: A Systematic Review and Meta-Analysis. Frontiers in Pediatrics, 2020, 8, 591132.	1.9	86

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37	Cyclosporin A prevents calpain activation despite increased intracellular calcium concentrations, as well as translocation of apoptosis-inducing factor, cytochromeâ€ƒc and caspase-3 activation in neurons exposed to transient hypoglycemia. Journal of Neurochemistry, 2003, 85, 1431-1442.	3.9	85
38	The Potential Role of Ferroptosis in Neonatal Brain Injury. Frontiers in Neuroscience, 2019, 13, 115.	2.8	83
39	Genetic or Other Causation Should Not Change the Clinical Diagnosis of Cerebral Palsy. Journal of Child Neurology, 2019, 34, 472-476.	1.4	82
40	Systemic Stimulation of TLR2 Impairs Neonatal Mouse Brain Development. PLoS ONE, 2011, 6, e19583.	2.5	81
41	Gut microbiota changes in patients with autism spectrum disorders. Journal of Psychiatric Research, 2020, 129, 149-159.	3.1	78
42	Nitrosylation precedes caspase-3 activation and translocation of apoptosis-inducing factor in neonatal rat cerebral hypoxia-ischaemia. Journal of Neurochemistry, 2004, 90, 462-471.	3.9	77
43	Causal Role of Apoptosis-Inducing Factor for Neuronal Cell Death Following Traumatic Brain Injury. American Journal of Pathology, 2008, 173, 1795-1805.	3.8	75
44	Activation of ERK1/2 after neonatal rat cerebral hypoxiaâ€"ischaemia. Journal of Neurochemistry, 2003, 86, 351-362.	3.9	69
45	Neuroprotective Effect of Bax-Inhibiting Peptide on Neonatal Brain Injury. Stroke, 2010, 41, 2050-2055.	2.0	69
46	Less Neurogenesis and Inflammation in the Immature than in the Juvenile Brain after Cerebral Hypoxia-Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 785-794.	4.3	67
47	Effects of intrauterine inflammation on the developing mouse brain. Brain Research, 2007, 1144, 180-185.	2.2	64
48	The immune response after hypoxia-ischemia in a mouse model of preterm brain injury. Journal of Neuroinflammation, 2014, 11, 153.	7.2	63
49	Proliferative and Protective Effects of Growth Hormone Secretagogues on Adult Rat Hippocampal Progenitor Cells. Endocrinology, 2008, 149, 2191-2199.	2.8	58
50	Iron Metabolism and Brain Development in Premature Infants. Frontiers in Physiology, 2019, 10, 463.	2.8	57
51	Acute and Long-Term Effects of Brief Sevoflurane Anesthesia During the Early Postnatal Period in Rats. Toxicological Sciences, 2016, 149, 121-133.	3.1	55
52	The association between sex-related interleukin-6 gene polymorphisms and the risk for cerebral palsy. Journal of Neuroinflammation, 2014, 11, 100.	7.2	51
53	Cranial irradiation induces transient microglia accumulation, followed by long-lasting inflammation and loss of microglia. Oncotarget, 2016, 7, 82305-82323.	1.8	51
54	Death mechanisms in status epilepticus-generated neurons and effects of additional seizures on their survival. Neurobiology of Disease, 2003, 14, 513-523.	4.4	50

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55	Ciliated epithelial-specific and regional-specific expression and regulation of the estrogen receptor-Î²2 in the fallopian tubes of immature rats: a possible mechanism for estrogen-mediated transport process in vivo. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E147-E158.	3.5	50
56	Radiation induces progenitor cell death, microglia activation, and blood-brain barrier damage in the juvenile rat cerebellum. Scientific Reports, 2017, 7, 46181.	3.3	50
57	Erythropoietin: not just about erythropoiesis. Lancet, The, 2010, 375, 2142.	13.7	48
58	High-Frequency Oscillatory Ventilation Versus Synchronized Intermittent Mandatory Ventilation Plus Pressure Support in Preterm Infants With Severe Respiratory Distress Syndrome. Respiratory Care, 2014, 59, 159-169.	1.6	44
59	Î³Î´ T Cells Contribute to Injury in the Developing Brain. American Journal of Pathology, 2018, 188, 757-767.	3.8	44
60	Age-Dependent Regenerative Responses in the Striatum and Cortex after Hypoxia-Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 342-354.	4.3	43
61	NMDA blockade attenuates caspase-3 activation and DNA fragmentation after neonatal hypoxiaâ€“ischemia. NeuroReport, 2000, 11, 2833-2836.	1.2	42
62	Disruption of Interleukin-18, but Not Interleukin-1, Increases Vulnerability to Preterm Delivery and Fetal Mortality after Intrauterine Inflammation. American Journal of Pathology, 2006, 169, 967-976.	3.8	42
63	Risk factors for neurodevelopmental deficits in congenital hypothyroidism after early substitution treatment. Endocrine Journal, 2011, 58, 355-361.	1.6	41
64	Dichloroacetate treatment improves mitochondrial metabolism and reduces brain injury in neonatal mice. Oncotarget, 2016, 7, 31708-31722.	1.8	40
65	The Use of the WINROP Screening Algorithm for the Prediction of Retinopathy of Prematurity in a Chinese Population. Neonatology, 2013, 104, 127-132.	2.0	39
66	Nuclear progesterone receptor A and B isoforms in mouse fallopian tube and uterus: implications for expression, regulation, and cellular function. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E59-E72.	3.5	38
67	GSK3Î² inhibition protects the immature brain from hypoxic-ischaemic insult via reduced STAT3 signalling. Neuropharmacology, 2016, 101, 13-23.	4.1	38
68	Xâ€ƒchromosomeâ€linked inhibitor of apoptosis protein reduces oxidative stress after cerebral irradiation or hypoxiaâ€ischemia through upâ€regulation of mitochondrial antioxidants. European Journal of Neuroscience, 2007, 26, 3402-3410.	2.6	37
69	Developing Postmitotic Mammalian Neurons<i>In Vivo</i>Lacking Apaf-1 Undergo Programmed Cell Death by a Caspase-Independent, Nonapoptotic Pathway Involving Autophagy. Journal of Neuroscience, 2008, 28, 1490-1497.	3.6	37
70	Delayed, Long-Term Administration of the Caspase Inhibitor Q-VD-OPh Reduced Brain Injury Induced by Neonatal Hypoxia-Ischemia. Developmental Neuroscience, 2014, 36, 64-72.	2.0	37
71	Lymphocytes Contribute to the Pathophysiology of Neonatal Brain Injury. Frontiers in Neurology, 2018, 9, 159.	2.4	37
72	Donor pretreatment with FK506 reduces reperfusion injury and accelerates intestinal graft recovery in rats. Surgery, 2007, 141, 667-677.	1.9	35

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73	Characteristics of Respiratory Distress Syndrome in Infants of Different Gestational Ages. Lung, 2013, 191, 425-433.	3.3	34
74	Inhibition of autophagy prevents irradiation-induced neural stem and progenitor cell death in the juvenile mouse brain. Cell Death and Disease, 2017, 8, e2694-e2694.	6.3	34
75	Epigenetic restoration of voltageâ€gated potassium channel Kv1.2 alleviates nerve injuryâ€induced neuropathic pain. Journal of Neurochemistry, 2021, 156, 367-378.	3.9	34
76	Therapeutic Benefits of Delayed Lithium Administration in the Neonatal Rat after Cerebral Hypoxia-Ischemia. PLoS ONE, 2014, 9, e107192.	2.5	34
77	Role of apoptosis inducing factor (AIF) for hippocampal neuronal cell death following global cerebral ischemia in mice. Neuroscience Letters, 2011, 499, 1-3.	2.1	33
78	Early amplitude-integrated electroencephalography predicts brain injury and neurological outcome in very preterm infants. Scientific Reports, 2015, 5, 13810.	3.3	33
79	Folic Acid and Risk of Preterm Birth: A Meta-Analysis. Frontiers in Neuroscience, 2019, 13, 1284.	2.8	33
80	Irradiation to the immature brain attenuates neurogenesis and exacerbates subsequent hypoxicâ€ischemic brain injury in the adult. Journal of Neurochemistry, 2009, 111, 1447-1456.	3.9	32
81	Inhaled Nitric Oxide Protects Males But not Females from Neonatal Mouse Hypoxiaâ€"Ischemia Brain Injury. Translational Stroke Research, 2013, 4, 201-207.	4.2	32
82	Î³Î´T cells but not Î±Î²T cells contribute to sepsis-induced white matter injury and motor abnormalities in mice. Journal of Neuroinflammation, 2017, 14, 255.	7.2	32
83	Systemic Hypothermia Induced within 10 Hours After Birth Improved Neurological Outcome in Newborns with Hypoxic-Ischemic Encephalopathy. Hospital Practice (1995), 2009, 37, 147-152.	1.0	31
84	Isolation of brain mitochondria from neonatal mice. Journal of Neurochemistry, 2011, 119, 1253-1261.	3.9	30
85	A Variant of the Autophagy-Related 5 Gene Is Associated with Child Cerebral Palsy. Frontiers in Cellular Neuroscience, 2017, 11, 407.	3.7	30
86	MiR-424 overexpression protects alveolar epithelial cells from LPS-induced apoptosis and inflammation by targeting FGF2 via the NF-Îºâ€B pathway. Life Sciences, 2020, 242, 117213.	4.3	29
87	Lithium protects hippocampal progenitors, cognitive performance and hypothalamus-pituitary function after irradiation to the juvenile rat brain. Oncotarget, 2017, 8, 34111-34127.	1.8	27
88	Overexpression of apoptosis inducing factor aggravates hypoxic-ischemic brain injury in neonatal mice. Cell Death and Disease, 2020, 11, 77.	6.3	27
89	Maternal Mortality in Henan Province, China: Changes between 1996 and 2009. PLoS ONE, 2012, 7, e47153.	2.5	27
90	Intraischemic mild hypothermia prevents neuronal cell death and tissue loss after neonatal cerebral hypoxia-ischemia. European Journal of Neuroscience, 2006, 23, 387-393.	2.6	25

#	ARTICLE	IF	CITATIONS
91	Lack of the brain-specific isoform of apoptosis-inducing factor aggravates cerebral damage in a model of neonatal hypoxiaâ€“ischemia. Cell Death and Disease, 2019, 10, 3.	6.3	25
92	Effects of Selective Nitric Oxide Synthase Inhibition on IGF-1, Caspases and Cytokines in a Newborn Piglet Model of Perinatal Hypoxia-Ischaemia. Developmental Neuroscience, 2002, 24, 396-404.	2.0	24
93	Trends in live births in the past 20 years in Zhengzhou, China. Acta Obstetricia Et Gynecologica Scandinavica, 2011, 90, 332-337.	2.8	24
94	Electroacupuncture enhances cell proliferation and neuronal differentiation in young rat brains. Neurological Sciences, 2011, 32, 369-374.	1.9	24
95	Transplantation of Enteric Neural Stem/Progenitor Cells into the Irradiated Young Mouse Hippocampus. Cell Transplantation, 2014, 23, 1657-1671.	2.5	24
96	Variants of the OLIG2 Gene are Associated with Cerebral Palsy in Chinese Han Infants with Hypoxicâ€“Ischemic Encephalopathy. NeuroMolecular Medicine, 2019, 21, 75-84.	3.4	24
97	Death effector activation in the subventricular zone subsequent to perinatal hypoxia/ischemia. Journal of Neurochemistry, 2007, 103, 1121-1131.	3.9	23
98	Erythropoietin prevents necrotizing enterocolitis in very preterm infants: a randomized controlled trial. Journal of Translational Medicine, 2020, 18, 308.	4.4	23
99	Umbilical cord blood stem cell therapy in premature brain injury: Opportunities and challenges. Journal of Neuroscience Research, 2020, 98, 815-825.	2.9	22
100	Role of apoptosis-inducing factor in perinatal hypoxic-ischemic brain injury. Neural Regeneration Research, 2021, 16, 205.	3.0	22
101	Biallelic variants in <i>HPDL</i> cause pure and complicated hereditary spastic paraplegia. Brain, 2021, 144, 1422-1434.	7.6	22
102	Luminal solutions protect mucosal barrier during extended preservation. Journal of Surgical Research, 2015, 194, 289-296.	1.6	21
103	Birth Asphyxia Is Associated With Increased Risk of Cerebral Palsy: A Meta-Analysis. Frontiers in Neurology, 2020, 11, 704.	2.4	21
104	The effect of vitamin D supplementation in treatment of children with autism spectrum disorder: a systematic review and meta-analysis of randomized controlled trials. Nutritional Neuroscience, 2022, 25, 835-845.	3.1	21
105	Sex differences in neonatal mouse brain injury after hypoxiaâ€ischemia and adaptaquin treatment. Journal of Neurochemistry, 2019, 150, 759-775.	3.9	20
106	Association of Interleukin 6 gene polymorphisms with genetic susceptibilities to spastic tetraplegia in males: A case-control study. Cytokine, 2013, 61, 826-830.	3.2	19
107	Nuclear translocation and calpain-dependent reduction of Bcl-2 after neonatal cerebral hypoxiaâ€“ischemia. Brain, Behavior, and Immunity, 2010, 24, 822-830.	4.1	18
108	Apoptosis-inducing factor downregulation increased neuronal progenitor, but not stem cell, survival in the neonatal hippocampus after cerebral hypoxia-ischemia. Molecular Neurodegeneration, 2012, 7, 17.	10.8	18

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109	Haploinsufficiency in the mitochondrial protein CHCHD4 reduces brain injury in a mouse model of neonatal hypoxia-ischemia. Cell Death and Disease, 2017, 8, e2781-e2781.	6.3	18
110	Lithium Treatment Is Safe in Children With Intellectual Disability. Frontiers in Molecular Neuroscience, 2018, 11, 425.	2.9	18
111	Early application of caffeine improves white matter development in very preterm infants. Respiratory Physiology and Neurobiology, 2020, 281, 103495.	1.6	17
112	Methylenetetrahydrofolate reductase gene polymorphisms and cerebral palsy in Chinese infants. Journal of Human Genetics, 2011, 56, 17-21.	2.3	16
113	Cerebral palsy and genomics: an international consortium. Developmental Medicine and Child Neurology, 2018, 60, 209-210.	2.1	16
114	Inhibiting the interaction between apoptosis-inducing factor and cyclophilin A prevents brain injury in neonatal mice after hypoxia-ischemia. Neuropharmacology, 2020, 171, 108088.	4.1	16
115	Erythropoietin Improves Poor Outcomes in Preterm Infants with Intraventricular Hemorrhage. CNS Drugs, 2021, 35, 681-690.	5.9	16
116	The association of apolipoprotein E gene polymorphisms with cerebral palsy in Chinese infants. Molecular Genetics and Genomics, 2014, 289, 411-416.	2.1	15
117	Combined Analysis of Interleukin-10 Gene Polymorphisms and Protein Expression in Children With Cerebral Palsy. Frontiers in Neurology, 2018, 9, 182.	2.4	15
118	Early Amplitude-Integrated Electroencephalography Predicts Long-Term Outcomes in Term and Near-Term Newborns With Severe Hyperbilirubinemia. Pediatric Neurology, 2019, 98, 68-73.	2.1	15
119	Mortality rates of children aged under five in Henan province, China, 2004-2008. Paediatric and Perinatal Epidemiology, 2010, 24, 343-348.	1.7	14
120	Autophagy-Related Gene 7 Polymorphisms and Cerebral Palsy in Chinese Infants. Frontiers in Cellular Neuroscience, 2019, 13, 494.	3.7	14
121	Iatrogenic vs. Spontaneous Preterm Birth: A Retrospective Study of Neonatal Outcome Among Very Preterm Infants. Frontiers in Neurology, 2021, 12, 649749.	2.4	14
122	The association of severe anemia, red blood cell transfusion and necrotizing enterocolitis in neonates. PLoS ONE, 2021, 16, e0254810.	2.5	14
123	Predictive Value of Early Amplitude-Integrated Electroencephalography for Later Diagnosed Cerebral White Matter Damage in Preterm Infants. Neuropediatrics, 2014, 45, 314-320.	0.6	13
124	Changes in the Incidence of Congenital Anomalies in Henan Province, China, from 1997 to 2011. PLoS ONE, 2015, 10, e0131874.	2.5	13
125	Effect of early prophylactic low-dose recombinant human erythropoietin on retinopathy of prematurity in very preterm infants. Journal of Translational Medicine, 2020, 18, 397.	4.4	13
126	Reduced Liver Injury and Cytokine Release After Transplantation of Preconditioned Intestines. Journal of Surgical Research, 2009, 154, 30-37.	1.6	12

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127	Cranial Irradiation Induces Hypothalamic Injury and Late-Onset Metabolic Disturbances in Juvenile Female Rats. Developmental Neuroscience, 2018, 40, 120-133.	2.0	12
128	An overlooked subset of Cx3cr1wt/wt microglia in the Cx3cr1CreER-Eyfp/wt mouse has a repopulation advantage over Cx3cr1CreER-Eyfp/wt microglia following microglial depletion. Journal of Neuroinflammation, 2022, 19, 20.	7.2	12
129	The Impact of Different Degrees of Intraventricular Hemorrhage on Mortality and Neurological Outcomes in Very Preterm Infants: A Prospective Cohort Study. Frontiers in Neurology, 2022, 13, 853417.	2.4	12
130	Decreased oxidative stress during glycolytic inhibition enables maintenance of ATP production and astrocytic survival. Neurochemistry International, 2012, 61, 291-301.	3.8	11
131	Grafting Neural Stem and Progenitor Cells Into the Hippocampus of Juvenile, Irradiated Mice Normalizes Behavior Deficits. Frontiers in Neurology, 2018, 9, 715.	2.4	11
132	A systematic review of the clinical and genetic characteristics of Chinese patients with cystic fibrosis. Pediatric Pulmonology, 2020, 55, 3005-3011.	2.0	11
133	Cranial irradiation alters neuroinflammation and neural proliferation in the pituitary gland and induces lateâ€onset hormone deficiency. Journal of Cellular and Molecular Medicine, 2020, 24, 14571-14582.	3.6	10
134	Genetic association study of adaptor protein complex 4 with cerebral palsy in a Han Chinese population. Molecular Biology Reports, 2013, 40, 6459-6467.	2.3	9
135	Beneficence and Nonmaleficence in Treating Neonatal Hypoxic-Ischemic Brain Injury. Developmental Neuroscience, 2015, 37, 305-310.	2.0	9
136	Association of NOS1 gene polymorphisms with cerebral palsy in a Han Chinese population: a case-control study. BMC Medical Genomics, 2018, 11, 56.	1.5	9
137	Temporal brain transcriptome analysis reveals key pathological events after germinal matrix hemorrhage in neonatal rats. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 1632-1649.	4.3	9
138	Association Between Osteopontin Gene Polymorphisms and Cerebral Palsy in a Chinese Population. NeuroMolecular Medicine, 2016, 18, 232-238.	3.4	8
139	Carbamylated Erythropoietin Decreased Proliferation and Neurogenesis in the Subventricular Zone, but Not the Dentate Gyrus, After Irradiation to the Developing Rat Brain. Frontiers in Neurology, 2018, 9, 738.	2.4	8
140	Luminal polyethylene glycol solution delays the onset of preservation injury in the human intestine. American Journal of Transplantation, 2021, 21, 2220-2230.	4.7	8
141	Constitutive PGC-1Î± Overexpression in Skeletal Muscle Does Not Contribute to Exercise-Induced Neurogenesis. Molecular Neurobiology, 2021, 58, 1465-1481.	4.0	8
142	Inhibition of Colony Stimulating Factor 1 Receptor Suppresses Neuroinflammation and Neonatal Hypoxic-Ischemic Brain Injury. Frontiers in Neurology, 2021, 12, 607370.	2.4	8
143	The role of probiotics in children with autism spectrum disorders: A study protocol for a randomised controlled trial. PLoS ONE, 2022, 17, e0263109.	2.5	8
144	Repeated exposure of the developing rat brain to magnetic resonance imaging did not affect neurogenesis, cell death or memory function. Biochemical and Biophysical Research Communications, 2011, 404, 291-296.	2.1	7

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145	The association between GAD1 gene polymorphisms and cerebral palsy in Chinese infants. Cytology and Genetics, 2013, 47, 276-281.	0.5	7
146	Early prediction of adverse outcomes in infants with acute bilirubin encephalopathy. Annals of Clinical and Translational Neurology, 2020, 7, 1141-1147.	3.7	7
147	Age-dependent acute interference with stem and progenitor cell proliferation in the hippocampus after exposure to 1800 MHz electromagnetic radiation. Electromagnetic Biology and Medicine, 2017, 36, 158-166.	1.4	6
148	Selective Neural Deletion of the Atg7 Gene Reduces Irradiation-Induced Cerebellar White Matter Injury in the Juvenile Mouse Brain by Ameliorating Oligodendrocyte Progenitor Cell Loss. Frontiers in Cellular Neuroscience, 2019, 13, 241.	3.7	5
149	Prognostic value of amplitudeâ€integrated EEG in neonates with high risk of neurological sequelae. Annals of Clinical and Translational Neurology, 2020, 7, 210-218.	3.7	5
150	White matter injury but not germinal matrix hemorrhage induces elevated osteopontin expression in human preterm brains. Acta Neuropathologica Communications, 2021, 9, 166.	5.2	5
151	Autophagy Inhibition Reduces Irradiation-Induced Subcortical White Matter Injury Not by Reducing Inflammation, but by Increasing Mitochondrial Fusion and Inhibiting Mitochondrial Fission. Molecular Neurobiology, 2022, 59, 1199-1213.	4.0	4
152	The Association Study of IL-23R Polymorphisms With Cerebral Palsy in Chinese Population. Frontiers in Neuroscience, 2020, 14, 590098.	2.8	3
153	The different mechanisms of peripheral and central TLR4 on chronic postsurgical pain in rats. Journal of Anatomy, 2021, 239, 111-124.	1.5	3
154	Cerebral Hypoxiaâ€"Ischemia in Neonatal Rats or Mice: A Model of Perinatal Brain Injury. Springer Protocols, 2009, , 221-230.	0.3	2
155	Umbilical cord blood cells for the treatment of preterm white matter injury: Potential effects and treatment options. Journal of Neuroscience Research, 2021, 99, 778-792.	2.9	2
156	Population Pharmacokinetics of Lithium in Young Pediatric Patients With Intellectual Disability. Frontiers in Pharmacology, 2021, 12, 650298.	3.5	2
157	Outcome Analysis of Severe Hyperbilirubinemia in Neonates Undergoing Exchange Transfusion. Neuropediatrics, 2022, , .	0.6	2
158	Changes in the live birth profile in Henan, China: AÂhospital registryâ€based study. Birth, 2022, 49, 497-505.	2.2	2
159	Reply. Annals of Neurology, 2016, 80, 952-953.	5.3	1
160	Authorsâ€™ Reply to Chevle et al.: Comment on â€œErythropoietin Improves Poor Outcomes in Preterm Infants with Intraventricular Hemorrhageâ€• CNS Drugs, 2021, 35, 1139-1140.	5.9	1
161	TEP1 is a risk gene for sporadic cerebral palsy. Journal of Genetics and Genomics, 2021, 48, 1134-1134.	3.9	1
162	Biochemical and Molecular Biological Assessments of Neonatal Hypoxiaâ€"Ischemia: Cell Signaling. Springer Protocols, 2012, , 211-219.	0.3	0

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163	Morphological Assessments of Neonatal Hypoxiaâ€“Ischemia: In Situ Cell Degeneration. Springer Protocols, 2012, , 189-200.	0.3	0
164	Editorial: Experimental and Clinical Approaches in the Pursuit of Novel Therapeutic Strategies for Perinatal Brain Injury and Its Neurological Sequelae. Frontiers in Cellular Neuroscience, 2021, 15, 762111.	3.7	0
165	Apoptosis inducing factor (AIF) is essential for neuronal cell death following transient focal cerebral ischemia. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S466-S466.	4.3	0
166	Effect of erythropoietin on neonatal hypoxia-ischemia encephalopathy. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S44-S44.	4.3	0