

Yi Qu

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

2,373
citations

172207

29
h-index

288905

40
g-index

124
all docs

124
docs citations

124
times ranked

4205
citing authors

#	ARTICLE	IF	CITATIONS
1	Prenatal, Perinatal and Neonatal Risk Factors for Intellectual Disability: A Systemic Review and Meta-Analysis. PLoS ONE, 2016, 11, e0153655.	1.1	96
2	Association among obesity, overweight and autism spectrum disorder: a systematic review and meta-analysis. Scientific Reports, 2017, 7, 11697.	1.6	82
3	Microarray Profiling and Co-Expression Network Analysis of LncRNAs and mRNAs in Neonatal Rats Following Hypoxic-ischemic Brain Damage. Scientific Reports, 2015, 5, 13850.	1.6	69
4	Recombinant CC16 inhibits NLRP3/caspase-1-induced pyroptosis through p38 MAPK and ERK signaling pathways in the brain of a neonatal rat model with sepsis. Journal of Neuroinflammation, 2019, 16, 239.	3.1	62
5	Iron Status in Attention-Deficit/Hyperactivity Disorder: A Systematic Review and Meta-Analysis. PLoS ONE, 2017, 12, e0169145.	1.1	59
6	Human milk as a protective factor for bronchopulmonary dysplasia: a systematic review and meta-analysis. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2019, 104, F128-F136.	1.4	59
7	Peripheral brain-derived neurotrophic factor in autism spectrum disorder: a systematic review and meta-analysis. Scientific Reports, 2016, 6, 31241.	1.6	56
8	Educational efficacy of high-fidelity simulation in neonatal resuscitation training: a systematic review and meta-analysis. BMC Medical Education, 2019, 19, 323.	1.0	54
9	Hypertensive disorders in pregnancy and stillbirth rates: a facility-based study in China. Bulletin of the World Health Organization, 2018, 96, 531-539.	1.5	50
10	miR-30d-5p Plays an Important Role in Autophagy and Apoptosis in Developing Rat Brains After Hypoxic-Ischemic Injury. Journal of Neuropathology and Experimental Neurology, 2017, 76, 709-719.	0.9	49
11	Blood Glutamate Levels in Autism Spectrum Disorder: A Systematic Review and Meta-Analysis. PLoS ONE, 2016, 11, e0158688.	1.1	47
12	Regulation of autophagy by the nuclear factor κ B signaling pathway in the hippocampus of rats with sepsis. Journal of Neuroinflammation, 2015, 12, 116.	3.1	45
13	Mesenchymal Stem Cells Protect Against Hypoxia-Ischemia Brain Damage by Enhancing Autophagy Through Brain Derived Neurotrophic Factor/Mammalian Target of Rapamycin Signaling Pathway. Stem Cells, 2018, 36, 1109-1121.	1.4	44
14	miR-199a-3p Inhibits Aurora Kinase A and Attenuates Prostate Cancer Growth. American Journal of Pathology, 2014, 184, 1541-1549.	1.9	42
15	Vascular endothelial growth factor: an attractive target in the treatment of hypoxic/ischemic brain injury. Neural Regeneration Research, 2016, 11, 174.	1.6	42
16	MLKL inhibition attenuates hypoxia-ischemia induced neuronal damage in developing brain. Experimental Neurology, 2016, 279, 223-231.	2.0	41
17	Association Between Perinatal Hypoxic-Ischemic Conditions and Attention-Deficit/Hyperactivity Disorder. Journal of Child Neurology, 2016, 31, 1235-1244.	0.7	40
18	Cyclin K regulates prereplicative complex assembly to promote mammalian cell proliferation. Nature Communications, 2018, 9, 1876.	5.8	38

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19	Association between ambient temperature and hypertensive disorders in pregnancy in China. <i>Nature Communications</i> , 2020, 11, 2925.	5.8	38
20	Involvement of the JNK/FOXO3a/Bim Pathway in Neuronal Apoptosis after Hypoxicâ€“Ischemic Brain Damage in Neonatal Rats. <i>PLoS ONE</i> , 2015, 10, e0132998.	1.1	38
21	Association between maternal obesity and offspring Apgar score or cord pH: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2015, 5, 18386.	1.6	37
22	Perinatal risk factors for infantile hypertrophic pyloric stenosis: A meta-analysis. <i>Journal of Pediatric Surgery</i> , 2017, 52, 1389-1397.	0.8	36
23	Clinical characteristics of severe neonatal enterovirus infection: a systematic review. <i>BMC Pediatrics</i> , 2021, 21, 127.	0.7	35
24	Umbilical cord mesenchymal stem cells and umbilical cord blood mononuclear cells improve neonatal rat memory after hypoxia-ischemia. <i>Behavioural Brain Research</i> , 2019, 362, 56-63.	1.2	34
25	Telomerase Reverse Transcriptase Upregulation Attenuates Astrocyte Proliferation and Promotes Neuronal Survival in the Hypoxicâ€“Ischemic Rat Brain. <i>Stroke</i> , 2011, 42, 3542-3550.	1.0	32
26	Association between Hypoxia and Perinatal Arterial Ischemic Stroke: A Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e90106.	1.1	32
27	Umbilical cord blood mesenchymal stem cells coâ€“modified by TERT and BDNF: A novel neuroprotective therapy for neonatal hypoxicâ€“ischemic brain damage. <i>International Journal of Developmental Neuroscience</i> , 2014, 38, 147-154.	0.7	31
28	Proapoptotic Role of Human Growth and Transformation-Dependent Protein in the Developing Rat Brain After Hypoxia-Ischemia. <i>Stroke</i> , 2009, 40, 2843-2848.	1.0	29
29	Retinopathy of Prematurity Among Very Low-Birth-Weight Infants in China: Incidence and Perinatal Risk Factors. , 2018, 59, 757.		29
30	miR-96 attenuates status epilepticus-induced brain injury by directly targeting Atg7 and Atg16L1. <i>Scientific Reports</i> , 2017, 7, 10270.	1.6	28
31	Association of maternal prenatal acetaminophen use with the risk of attention deficit/hyperactivity disorder in offspring: A meta-analysis. <i>Australian and New Zealand Journal of Psychiatry</i> , 2019, 53, 195-206.	1.3	28
32	Association between perinatal hypoxic-ischemia and periventricular leukomalacia in preterm infants: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2017, 12, e0184993.	1.1	28
33	Physical exercise promotes brain remodeling by regulating epigenetics, neuroplasticity and neurotrophins. <i>Reviews in the Neurosciences</i> , 2021, 32, 615-629.	1.4	27
34	Pericytes in Cerebrovascular Diseases: An Emerging Therapeutic Target. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 519.	1.8	26
35	EZH2 is required for mouse oocyte meiotic maturation by interacting with and stabilizing spindle assembly checkpoint protein BubRI. <i>Nucleic Acids Research</i> , 2016, 44, 7659-7672.	6.5	25
36	The Roles of High Mobility Group Box 1 in Cerebral Ischemic Injury. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 600280.	1.8	25

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37	Maternal chorioamnionitis and neurodevelopmental outcomes in preterm and very preterm neonates: A meta-analysis. PLoS ONE, 2018, 13, e0208302.	1.1	24
38	Association between Asthma and Autism Spectrum Disorder: A Meta-Analysis. PLoS ONE, 2016, 11, e0156662.	1.1	23
39	The effect of miR-30d on apoptosis and autophagy in cultured astrocytes under oxygen-glucose deprivation. Brain Research, 2017, 1671, 67-76.	1.1	23
40	Accumulate evidence for IP-10 in diagnosing pulmonary tuberculosis. BMC Infectious Diseases, 2019, 19, 924.	1.3	23
41	Regulation of hippocampal neuronal apoptosis and autophagy in mice with sepsis-associated encephalopathy by immunity-related GTPase M1. CNS Neuroscience and Therapeutics, 2020, 26, 177-188.	1.9	22
42	Microglia and Their Promising Role in Ischemic Brain Injuries: An Update. Frontiers in Cellular Neuroscience, 2020, 14, 211.	1.8	22
43	The role of necroptosis in status epilepticus-induced brain injury in juvenile rats. Epilepsy and Behavior, 2017, 75, 134-142.	0.9	21
44	GSK-3 β /mTORC1 Couples Synaptogenesis and Axonal Repair to Reduce Hypoxia Ischemia-Mediated Brain Injury in Neonatal Rats. Journal of Neuro pathology and Experimental Neurology, 2018, 77, 383-394.	0.9	20
45	Could SARS-CoV-2-induced lung injury be attenuated by vitamin D?. International Journal of Infectious Diseases, 2021, 102, 196-202.	1.5	20
46	Atorvastatin inhibits neuronal apoptosis via activating cAMP/PKA/pCREB/BDNF pathway in hypoxic-ischemic neonatal rats. FASEB Journal, 2022, 36, e22263.	0.2	20
47	Association between vitamin D status and sepsis in children: A meta-analysis of observational studies. Clinical Nutrition, 2020, 39, 1735-1741.	2.3	19
48	Telomerase reconstitution contributes to resetting of circadian rhythm in fibroblasts. Molecular and Cellular Biochemistry, 2008, 313, 11-18.	1.4	18
49	Enhanced migration and CXCR4 over-expression in fibroblasts with telomerase reconstitution. Molecular and Cellular Biochemistry, 2008, 313, 45-52.	1.4	18
50	Risk factors associated with late preterm births in the underdeveloped region of China: A cohort study and systematic review. Taiwanese Journal of Obstetrics and Gynecology, 2015, 54, 647-653.	0.5	18
51	Is neutrophil CD11b a special marker for the early diagnosis of sepsis in neonates? A systematic review and meta-analysis. BMJ Open, 2019, 9, e025222.	0.8	16
52	Association between the different duration of breastfeeding and attention deficit/hyperactivity disorder in children: a systematic review and meta-analysis. Nutritional Neuroscience, 2020, 23, 811-823.	1.5	16
53	Association of maternal hypertensive disorders with retinopathy of prematurity: A systematic review and meta-analysis. PLoS ONE, 2017, 12, e0175374.	1.1	16
54	Histone acetylation of oligodendrocytes protects against white matter injury induced by inflammation and hypoxia-ischemia through activation of BDNF-TrkB signaling pathway in neonatal rats. Brain Research, 2018, 1688, 33-46.	1.1	15

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55	Recombinant CC16 regulates inflammation, oxidative stress, apoptosis and autophagy via the inhibition of the p38MAPK signaling pathway in the brain of neonatal rats with sepsis. <i>Brain Research</i> , 2019, 1725, 146473.	1.1	15
56	Role of toll-like receptor 4 in the regulation of the cell death pathway and neuroinflammation. <i>Brain Research Bulletin</i> , 2019, 148, 79-90.	1.4	14
57	Mapping the Knowledge Structure of Neonatal Hypoxic-Ischemic Encephalopathy Over the Past Decade. <i>Journal of Child Neurology</i> , 2016, 31, 797-803.	0.7	13
58	MicroRNAs participate in the regulation of oligodendrocytes development in white matter injury. <i>Reviews in the Neurosciences</i> , 2018, 29, 151-160.	1.4	13
59	Association between maternal overweight or obesity and cerebral palsy in children: A meta-analysis. <i>PLoS ONE</i> , 2018, 13, e0205733.	1.1	13
60	Diagnostic accuracy of interferon-gamma-induced protein 10 for differentiating active tuberculosis from latent tuberculosis: A meta-analysis. <i>Scientific Reports</i> , 2019, 9, 11408.	1.6	13
61	Low-dose Dexamethasone Increases Autophagy in Cerebral Cortical Neurons of Juvenile Rats with Sepsis Associated Encephalopathy. <i>Neuroscience</i> , 2019, 419, 83-99.	1.1	13
62	Effect of carbamylated erythropoietin on neuronal apoptosis in fetal rats during intrauterine hypoxic-ischemic encephalopathy. <i>Biological Research</i> , 2019, 52, 28.	1.5	13
63	Progress in research on the role of Omi/HtrA2 in neurological diseases. <i>Reviews in the Neurosciences</i> , 2019, 30, 279-287.	1.4	13
64	Research Progress on the Role and Mechanism of Action of Activin A in Brain Injury. <i>Frontiers in Neuroscience</i> , 2018, 12, 697.	1.4	12
65	Proton Magnetic Resonance Spectroscopy Biomarkers in Neonates With Hypoxic-Ischemic Encephalopathy: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2018, 9, 732.	1.1	12
66	Association of initial empirical antibiotic therapy with increased risk of necrotizing enterocolitis. <i>European Journal of Pediatrics</i> , 2020, 179, 1047-1056.	1.3	12
67	Critical Roles of the Circadian Transcription Factor BMAL1 in Reproductive Endocrinology and Fertility. <i>Frontiers in Endocrinology</i> , 2022, 13, 818272.	1.5	12
68	Association of very preterm birth with decreased risk of eczema: A systematic review and meta-analysis. <i>Journal of the American Academy of Dermatology</i> , 2018, 78, 1142-1148.e8.	0.6	11
69	Cumulative evidence for association of parental diabetes mellitus and attention-deficit/hyperactivity disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 129-139.	2.9	11
70	Lidocaine for postoperative sore throat: a meta-analysis of randomized controlled trials. <i>Minerva Anestesiologica</i> , 2020, 86, 546-553.	0.6	11
71	Circadian telomerase activity and DNA synthesis for timing peptide administration. <i>Peptides</i> , 2003, 24, 363-369.	1.2	10
72	MicroRNA Alteration in Developing Rat Oligodendrocyte Precursor Cells Induced by Hypoxia-Ischemia. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 900-909.	0.9	10

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73	Is interleukin-2 an optimal marker for diagnosing tuberculosis infection? A systematic review and meta-analysis. <i>Annals of Medicine</i> , 2020, 52, 376-385.	1.5	10
74	The Roles of Lpar1 in Central Nervous System Disorders and Diseases. <i>Frontiers in Neuroscience</i> , 2021, 15, 710473.	1.4	10
75	Association between maternal HBsAg carrier status and neonatal adverse outcomes: meta-analysis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 1308-1317.	0.7	9
76	Expression and functional analysis of lncRNAs in the hippocampus of immature rats with status epilepticus. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 149-159.	1.6	9
77	Systematic review of global clinical practice guidelines for neonatal hyperbilirubinemia. <i>BMJ Open</i> , 2021, 11, e040182.	0.8	9
78	Loss of PINK1 inhibits apoptosis by upregulating β -synuclein in inflammation-sensitized hypoxic-ischemic injury in the immature brains. <i>Brain Research</i> , 2016, 1653, 14-22.	1.1	8
79	Effectiveness of azithromycin mass drug administration on trachoma: a systematic review. <i>Chinese Medical Journal</i> , 2021, 134, 2944-2953.	0.9	8
80	Neuroprotection of hypoxic/ischemic preconditioning in neonatal brain with hypoxic-ischemic injury. <i>Reviews in the Neurosciences</i> , 2021, 32, 23-34.	1.4	8
81	Biological characteristics of prostate cancer cells are regulated by hypoxia-inducible factor 1 α . <i>Oncology Letters</i> , 2014, 8, 1217-1221.	0.8	7
82	PHF1 is required for chromosome alignment and asymmetric division during mouse meiotic oocyte maturation. <i>Cell Cycle</i> , 2018, 17, 2447-2459.	1.3	7
83	Cumulative Evidence for Relationships Between 8q24 Variants and Prostate Cancer. <i>Frontiers in Physiology</i> , 2018, 9, 915.	1.3	7
84	Stable clinical course in three siblings with late-onset isolated sulfite oxidase deficiency: a case series and literature review. <i>BMC Pediatrics</i> , 2019, 19, 510.	0.7	7
85	The optimal choices of animal models of white matter injury. <i>Reviews in the Neurosciences</i> , 2019, 30, 245-259.	1.4	6
86	New-generation intravenous fat emulsions and bronchopulmonary dysplasia in preterm infants: a systematic review and meta-analysis. <i>Journal of Perinatology</i> , 2020, 40, 1585-1596.	0.9	6
87	Role of HMGB1 translocation to neuronal nucleus in rat model with septic brain injury. <i>Neuroscience Letters</i> , 2017, 645, 90-96.	1.0	5
88	The initial prophylactic antibiotic usage and subsequent necrotizing enterocolitis in high-risk premature infants: a systematic review and meta-analysis. <i>Pediatric Surgery International</i> , 2018, 34, 35-45.	0.6	5
89	Cumulative evidence for relationships between multiple variants of HNF1B and the risk of prostate and endometrial cancers. <i>BMC Medical Genetics</i> , 2018, 19, 128.	2.1	5
90	Maternal intake of caffeinated products and birth defects: a systematic review and meta-analysis of observational studies. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 3756-3770.	5.4	4

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91	Research Progress on the Cardiac Injury from ACE2 Targeting in SARS-CoV-2 Infection. <i>Biomolecules</i> , 2021, 11, 196.	1.8	4
92	Intensive phototherapy vs. exchange transfusion for the treatment of neonatal hyperbilirubinemia: a multicenter retrospective cohort study. <i>Chinese Medical Journal</i> , 2022, 135, 598-605.	0.9	4
93	RNA interference targeting Aurora-A sensitizes glioblastoma cells to temozolomide chemotherapy. <i>Oncology Letters</i> , 2016, 12, 4515-4523.	0.8	3
94	Association of acetaminophen exposure with increased risk of eczema in children: A meta-analysis. <i>Journal of the American Academy of Dermatology</i> , 2019, 81, 642-644.	0.6	3
95	Could the inhibitor of DNA binding 2 and 4 play a role in white matter injury?. <i>Reviews in the Neurosciences</i> , 2019, 30, 625-638.	1.4	2
96	Roles of glia-derived extracellular vesicles in central nervous system diseases: an update. <i>Reviews in the Neurosciences</i> , 2021, 32, 833-849.	1.4	2
97	Huwe1 is a novel mediator of protection of neural progenitor L2.3 cells against oxygen-glucose deprivation injury. <i>Molecular Medicine Reports</i> , 2018, 18, 4595-4602.	1.1	2
98	Neonatal Arterial Ischaemic Stroke: Advances in Pathologic Neural Death, Diagnosis, Treatment, and Prognosis. <i>Current Neuropharmacology</i> , 2022, 20, 2248-2266.	1.4	2
99	Inhibiting miR-466b-5p Attenuates Neonatal White Matter Injury by Targeting Lpar1. <i>Journal of Neuropathology and Experimental Neurology</i> , 2022, 81, 260-270.	0.9	2
100	Hemophagocytic Lymphohistiocytosis With Secondary Atrioventricular Block Type II in a Child. <i>Pediatric Blood and Cancer</i> , 2016, 63, 1688-1689.	0.8	1
101	The association of 6 variants of 8q24 and the risk of glioma. <i>Medicine (United States)</i> , 2019, 98, e16205.	0.4	1
102	Temperature Interpolation Method of Distributed Photovoltaic Power Station Group Based on Multisource Data Fusion. , 2021, , .		1
103	Wind Speed Data Repairing Method Based on Bidirectional Prediction. , 2021, , .		0
104	Data Quality Improvement Method of Distributed PV Generation Based on Time Correlation and Spatial Correlation. , 2021, , .		0