

Dezhi Mu

List of Publications by Year in descending order

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123
papers

3,144
citations

136740

32
h-index

214527

47
g-index

132
all docs

132
docs citations

132
times ranked

6066
citing authors

#	ARTICLE	IF	CITATIONS
1	Chinese expert consensus on the perinatal and neonatal management for the prevention and control of the 2019 novel coronavirus infection (First edition). <i>Annals of Translational Medicine</i> , 2020, 8, 47-47.	0.7	252
2	Under-5 mortality in 2851 Chinese counties, 1996–2012: a subnational assessment of achieving MDG 4 goals in China. <i>Lancet</i> , 2016, 387, 273-283.	6.3	109
3	Prenatal, Perinatal and Neonatal Risk Factors for Intellectual Disability: A Systemic Review and Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0153655.	1.1	96
4	Association among obesity, overweight and autism spectrum disorder: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2017, 7, 11697.	1.6	82
5	The Role of Helper T Cells in Psoriasis. <i>Frontiers in Immunology</i> , 2021, 12, 788940.	2.2	70
6	Microarray Profiling and Co-Expression Network Analysis of LncRNAs and mRNAs in Neonatal Rats Following Hypoxic-ischemic Brain Damage. <i>Scientific Reports</i> , 2015, 5, 13850.	1.6	69
7	Sociodemographic and obstetric characteristics of stillbirths in China: a census of nearly 4 million health facility births between 2012 and 2014. <i>The Lancet Global Health</i> , 2016, 4, e109-e118.	2.9	62
8	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. <i>Journal of Neuroinflammation</i> , 2019, 16, 239.	3.1	62
9	mTOR activates hypoxia-inducible factor-1 α and inhibits neuronal apoptosis in the developing rat brain during the early phase after hypoxia–ischemia. <i>Neuroscience Letters</i> , 2012, 507, 118-123.	1.0	59
10	Iron Status in Attention-Deficit/Hyperactivity Disorder: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2017, 12, e0169145.	1.1	59
11	Human milk as a protective factor for bronchopulmonary dysplasia: a systematic review and meta-analysis. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019, 104, F128-F136.	1.4	59
12	Peripheral brain-derived neurotrophic factor in autism spectrum disorder: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2016, 6, 31241.	1.6	56
13	Educational efficacy of high-fidelity simulation in neonatal resuscitation training: a systematic review and meta-analysis. <i>BMC Medical Education</i> , 2019, 19, 323.	1.0	54
14	Corticosteroids for the prevention of bronchopulmonary dysplasia in preterm infants: a network meta-analysis. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F506-F511.	1.4	52
15	Hypertensive disorders in pregnancy and stillbirth rates: a facility-based study in China. <i>Bulletin of the World Health Organization</i> , 2018, 96, 531-539.	1.5	50
16	miR-30d-5p Plays an Important Role in Autophagy and Apoptosis in Developing Rat Brains After Hypoxic–Ischemic Injury. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 709-719.	0.9	49
17	Blood Glutamate Levels in Autism Spectrum Disorder: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0158688.	1.1	47
18	Regulation of autophagy by the nuclear factor κ B signaling pathway in the hippocampus of rats with sepsis. <i>Journal of Neuroinflammation</i> , 2015, 12, 116.	3.1	45

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19	Mesenchymal Stem Cells Protect Against Hypoxia-Ischemia Brain Damage by Enhancing Autophagy Through Brain Derived Neurotrophic Factor/Mammalian Target of Rapamycin Signaling Pathway. <i>Stem Cells</i> , 2018, 36, 1109-1121.	1.4	44
20	miR-199a-3p Inhibits Aurora Kinase A and Attenuates Prostate Cancer Growth. <i>American Journal of Pathology</i> , 2014, 184, 1541-1549.	1.9	42
21	microRNA-99a is downregulated and promotes proliferation, migration and invasion in non-small cell lung cancer A549 and H1299 cells. <i>Oncology Letters</i> , 2015, 9, 1128-1134.	0.8	42
22	MLKL inhibition attenuates hypoxia-ischemia induced neuronal damage in developing brain. <i>Experimental Neurology</i> , 2016, 279, 223-231.	2.0	41
23	Association Between Perinatal Hypoxic-Ischemic Conditions and Attention-Deficit/Hyperactivity Disorder. <i>Journal of Child Neurology</i> , 2016, 31, 1235-1244.	0.7	40
24	Cyclin K regulates prereplicative complex assembly to promote mammalian cell proliferation. <i>Nature Communications</i> , 2018, 9, 1876.	5.8	38
25	Association between ambient temperature and hypertensive disorders in pregnancy in China. <i>Nature Communications</i> , 2020, 11, 2925.	5.8	38
26	Involvement of the JNK/FOXO3a/Bim Pathway in Neuronal Apoptosis after Hypoxic-Ischemic Brain Damage in Neonatal Rats. <i>PLoS ONE</i> , 2015, 10, e0132998.	1.1	38
27	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
28	Interventions for tic disorders: An overview of systematic reviews and meta analyses. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 63, 239-255.	2.9	37
29	Perinatal risk factors for infantile hypertrophic pyloric stenosis: A meta-analysis. <i>Journal of Pediatric Surgery</i> , 2017, 52, 1389-1397.	0.8	36
30	Cytosolic PINK1 promotes the targeting of ubiquitinated proteins to the aggresome-autophagy pathway during proteasomal stress. <i>Autophagy</i> , 2016, 12, 632-647.	4.3	35
31	Clinical characteristics of severe neonatal enterovirus infection: a systematic review. <i>BMC Pediatrics</i> , 2021, 21, 127.	0.7	35
32	Transcriptional Regulator ZEB2 Is Essential for Bergmann Glia Development. <i>Journal of Neuroscience</i> , 2018, 38, 1575-1587.	1.7	34
33	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
34	Association between Hypoxia and Perinatal Arterial Ischemic Stroke: A Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e90106.	1.1	32
35	Umbilical cord blood mesenchymal stem cells co-modified by TERT and BDNF: A novel neuroprotective therapy for neonatal hypoxic-ischemic brain damage. <i>International Journal of Developmental Neuroscience</i> , 2014, 38, 147-154.	0.7	31
36	Does stroke volume variation predict fluid responsiveness in children: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2017, 12, e0177590.	1.1	29

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37	Retinopathy of Prematurity Among Very Low-Birth-Weight Infants in China: Incidence and Perinatal Risk Factors. , 2018, 59, 757.		29
38	miR-96 attenuates status epilepticus-induced brain injury by directly targeting Atg7 and Atg16L1. Scientific Reports, 2017, 7, 10270.	1.6	28
39	Association of maternal prenatal acetaminophen use with the risk of attention deficit/hyperactivity disorder in offspring: A meta-analysis. Australian and New Zealand Journal of Psychiatry, 2019, 53, 195-206.	1.3	28
40	Association between perinatal hypoxic-ischemia and periventricular leukomalacia in preterm infants: A systematic review and meta-analysis. PLoS ONE, 2017, 12, e0184993.	1.1	28
41	Physical exercise promotes brain remodeling by regulating epigenetics, neuroplasticity and neurotrophins. Reviews in the Neurosciences, 2021, 32, 615-629.	1.4	27
42	Pericytes in Cerebrovascular Diseases: An Emerging Therapeutic Target. Frontiers in Cellular Neuroscience, 2019, 13, 519.	1.8	26
43	Antenatal infection and intraventricular hemorrhage in preterm infants. Medicine (United States), 2019, 98, e16665.	0.4	25
44	The Roles of High Mobility Group Box 1 in Cerebral Ischemic Injury. Frontiers in Cellular Neuroscience, 2020, 14, 600280.	1.8	25
45	Maternal chorioamnionitis and neurodevelopmental outcomes in preterm and very preterm neonates: A meta-analysis. PLoS ONE, 2018, 13, e0208302.	1.1	24
46	Association between Asthma and Autism Spectrum Disorder: A Meta-Analysis. PLoS ONE, 2016, 11, e0156662.	1.1	23
47	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
48	Accumulate evidence for IP-10 in diagnosing pulmonary tuberculosis. BMC Infectious Diseases, 2019, 19, 924.	1.3	23
49	Microglia and Their Promising Role in Ischemic Brain Injuries: An Update. Frontiers in Cellular Neuroscience, 2020, 14, 211.	1.8	22
50	The role of necroptosis in status epilepticus-induced brain injury in juvenile rats. Epilepsy and Behavior, 2017, 75, 134-142.	0.9	21
51	The effect of maternal obesity on the expression and functionality of placental P-glycoprotein: Implications in the individualized transplacental digoxin treatment for fetal heart failure. Placenta, 2015, 36, 1138-1147.	0.7	20
52	A Cross-sectional Survey of Growth and Nutritional Status in Children With Cerebral Palsy in West China. Pediatric Neurology, 2016, 58, 90-97.	1.0	20
53	GSK-3 β /mTORC1 Couples Synaptogenesis and Axonal Repair to Reduce Hypoxia Ischemia-Mediated Brain Injury in Neonatal Rats. Journal of Neuropathology and Experimental Neurology, 2018, 77, 383-394.	0.9	20
54	Could SARS-CoV-2-induced lung injury be attenuated by vitamin D?. International Journal of Infectious Diseases, 2021, 102, 196-202.	1.5	20

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55	Atorvastatin inhibits neuronal apoptosis via activating cAMP/PKA/pâ€CREB/BDNF pathway in hypoxicâ€ischemic neonatal rats. <i>FASEB Journal</i> , 2022, 36, e22263.	0.2	20
56	Association between vitamin D status and sepsis in children: A meta-analysis of observational studies. <i>Clinical Nutrition</i> , 2020, 39, 1735-1741.	2.3	19
57	Risk factors for the deterioration of periventricularâ€intraventricular hemorrhage in preterm infants. <i>Scientific Reports</i> , 2020, 10, 13609.	1.6	19
58	Risk factors associated with late preterm births in the underdeveloped region of China: A cohort study and systematic review. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2015, 54, 647-653.	0.5	18
59	Modification of the association between maternal smoke exposure and congenital heart defects by polymorphisms in glutathione S-transferase genes. <i>Scientific Reports</i> , 2015, 5, 14915.	1.6	17
60	Effects of problemâ€based learning in paediatric education in China: a metaâ€analysis. <i>Journal of Evidence-Based Medicine</i> , 2016, 9, 136-143.	2.4	17
61	Is neutrophil CD11b a special marker for the early diagnosis of sepsis in neonates? A systematic review and meta-analysis. <i>BMJ Open</i> , 2019, 9, e025222.	0.8	16
62	Association between the different duration of breastfeeding and attention deficit/hyperactivity disorder in children: a systematic review and meta-analysis. <i>Nutritional Neuroscience</i> , 2020, 23, 811-823.	1.5	16
63	Safety of azithromycin in pediatrics: a systematic review and meta-analysis. <i>European Journal of Clinical Pharmacology</i> , 2020, 76, 1709-1721.	0.8	16
64	Association of maternal hypertensive disorders with retinopathy of prematurity: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2017, 12, e0175374.	1.1	16
65	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. <i>Brain Research</i> , 2018, 1688, 33-46.	1.1	15
66	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
67	A novel missense NMNAT1 mutation identified in a consanguineous family with Leber congenital amaurosis by targeted next generation sequencing. <i>Gene</i> , 2015, 569, 104-108.	1.0	14
68	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
69	Interleukin-38 increases the insulin sensitivity in children with the type 2 diabetes. <i>International Immunopharmacology</i> , 2020, 82, 106264.	1.7	14
70	Neonatal mortality in the urban and rural China between 1996 and 2013: a retrospective study. <i>Pediatric Research</i> , 2016, 79, 689-696.	1.1	13
71	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
72	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

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73	Association between maternal overweight or obesity and cerebral palsy in children: A meta-analysis. PLoS ONE, 2018, 13, e0205733.	1.1	13
74	Diagnostic accuracy of interferon-gamma-induced protein 10 for differentiating active tuberculosis from latent tuberculosis: A meta-analysis. Scientific Reports, 2019, 9, 11408.	1.6	13
75	Low-dose Dexamethasone Increases Autophagy in Cerebral Cortical Neurons of Juvenile Rats with Sepsis Associated Encephalopathy. Neuroscience, 2019, 419, 83-99.	1.1	13
76	Progress in research on the role of Omi/HtrA2 in neurological diseases. Reviews in the Neurosciences, 2019, 30, 279-287.	1.4	13
77	The effect of the problem based learning teaching model combined with mind mapping on nursing teaching: A meta-analysis. Nurse Education Today, 2022, 111, 105306.	1.4	13
78	Research Progress on the Role and Mechanism of Action of Activin A in Brain Injury. Frontiers in Neuroscience, 2018, 12, 697.	1.4	12
79	Proton Magnetic Resonance Spectroscopy Biomarkers in Neonates With Hypoxic-Ischemic Encephalopathy: A Systematic Review and Meta-Analysis. Frontiers in Neurology, 2018, 9, 732.	1.1	12
80	Postnatal growth in preterm infants during the first year of life: A population-based cohort study in China. PLoS ONE, 2019, 14, e0213762.	1.1	12
81	Association of initial empirical antibiotic therapy with increased risk of necrotizing enterocolitis. European Journal of Pediatrics, 2020, 179, 1047-1056.	1.3	12
82	Critical Roles of the Circadian Transcription Factor BMAL1 in Reproductive Endocrinology and Fertility. Frontiers in Endocrinology, 2022, 13, 818272.	1.5	12
83	A prospective study of the use of antibiotics in the Emergency Department of a Chinese University Hospital. International Journal of Pharmacy Practice, 2017, 25, 89-92.	0.3	11
84	Association of very preterm birth with decreased risk of eczema: A systematic review and meta-analysis. Journal of the American Academy of Dermatology, 2018, 78, 1142-1148.e8.	0.6	11
85	Cumulative evidence for association of parental diabetes mellitus and attention-deficit/hyperactivity disorder. Neuroscience and Biobehavioral Reviews, 2020, 117, 129-139.	2.9	11
86	Lidocaine for postoperative sore throat: a meta-analysis of randomized controlled trials. Minerva Anestesiologica, 2020, 86, 546-553.	0.6	11
87	Is interleukin-2 an optimal marker for diagnosing tuberculosis infection? A systematic review and meta-analysis. Annals of Medicine, 2020, 52, 376-385.	1.5	10
88	Association between maternal HBsAg carrier status and neonatal adverse outcomes: meta-analysis. Journal of Maternal-Fetal and Neonatal Medicine, 2015, 28, 1308-1317.	0.7	9
89	Expression and functional analysis of lncRNAs in the hippocampus of immature rats with status epilepticus. Journal of Cellular and Molecular Medicine, 2020, 24, 149-159.	1.6	9
90	Systematic review of global clinical practice guidelines for neonatal hyperbilirubinemia. BMJ Open, 2021, 11, e040182.	0.8	9

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91	The Study of Fetal Rat Model of Intra-Amniotic Isoproterenol Injection Induced Heart Dysfunction and Phenotypic Switch of Contractile Proteins. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	8
92	Prediction of fetal outcome without intrauterine intervention using a cardiovascular profile score: a systematic review and meta-analysis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 1965-1972.	0.7	8
93	Loss of PINK1 inhibits apoptosis by upregulating $\hat{\alpha}$ -synuclein in inflammation-sensitized hypoxic-ischemic injury in the immature brains. <i>Brain Research</i> , 2016, 1653, 14-22.	1.1	8
94	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
95	Cumulative Evidence for Relationships Between 8q24 Variants and Prostate Cancer. <i>Frontiers in Physiology</i> , 2018, 9, 915.	1.3	7
96	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
97	The optimal choices of animal models of white matter injury. <i>Reviews in the Neurosciences</i> , 2019, 30, 245-259.	1.4	6
98	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
99	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
100	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
101	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
102	A Chinese Tuberous Sclerosis Complex Family and a Novel Tuberous Sclerosis Complex-2 Mutation. <i>Chinese Medical Journal</i> , 2015, 128, 128-130.	0.9	4
103	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
104	Research Progress on the Cardiac Injury from ACE2 Targeting in SARS-CoV-2 Infection. <i>Biomolecules</i> , 2021, 11, 196.	1.8	4
105	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
106	RNA interference targeting Aurora-A sensitizes glioblastoma cells to temozolomide chemotherapy. <i>Oncology Letters</i> , 2016, 12, 4515-4523.	0.8	3
107	The effect of 17 $\hat{\alpha}$ -ethynylestradiol induced intrahepatic cholestasis of pregnancy on placental P-glycoprotein in mice: Implications in the individualized transplacental digoxin treatment for fetal heart failure. <i>Placenta</i> , 2016, 44, 91-97.	0.7	3
108	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

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109	Cross-sectional study of drug utilisation in a Chinese neonatal unit. <i>Journal of International Medical Research</i> , 2020, 48, 030006052091419.	0.4	3
110	Early diagnosis of trisomy 21, trisomy 18 and trisomy 13 using nuchal translucency thickness and ductus venosus blood flow waveform in West China. <i>Molecular Medicine Reports</i> , 2019, 19, 1349-1355.	1.1	3
111	Synthetic lethality between TP53 and ENDOD1. <i>Nature Communications</i> , 2022, 13, .	5.8	3
112	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
113	Efficacy of antiepileptic drugs in neonatal seizures: a systematic review protocol. <i>BMJ Paediatrics Open</i> , 2020, 4, e000683.	0.6	2
114	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
115	Neonatal Arterial Ischaemic Stroke: Advances in Pathologic Neural Death, Diagnosis, Treatment, and Prognosis. <i>Current Neuropharmacology</i> , 2022, 20, 2248-2266.	1.4	2
116	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
117	Early Vitamin A Supplementation for Prevention of Short-Term Morbidity and Mortality in Very-Low-Birth-Weight Infants: A Systematic Review and Meta-Analysis. <i>Frontiers in Pediatrics</i> , 2022, 10, 788409.	0.9	2
118	Hemophagocytic Lymphohistiocytosis With Secondary Atrioventricular Block Type II in a Child. <i>Pediatric Blood and Cancer</i> , 2016, 63, 1688-1689.	0.8	1
119	Response to the letter regarding the article: Association Between Perinatal Hypoxic-Ischemic Conditions and Attention-Deficit Hyperactivity Disorder (ADHD): A Meta-analysis. <i>Journal of Child Neurology</i> , 2017, 32, 686-687.	0.7	1
120	Dose and formulation of azithromycin in mass drug administration studies: a systematic review protocol. <i>BMJ Paediatrics Open</i> , 2019, 3, e000462.	0.6	1
121	The association of 6 variants of 8q24 and the risk of glioma. <i>Medicine (United States)</i> , 2019, 98, e16205.	0.4	1
122	Effect of pre-exchange albumin infusion on neonatal hyperbilirubinaemia and long-term developmental outcomes. <i>The Cochrane Library</i> , 2021, 2021, .	1.5	0
123	Pituitary deficiency due to primary pituitary apoplexy. <i>Chinese Medical Journal</i> , 2014, 127, 2199.	0.9	0