Wen-Hao Zhou

List of Publications by Year
in descending order

66 papers	2,006 citations	393982 19 h-index	276539 41 g-index
75 all docs	75 docs citations	75 times ranked	3199 citing authors

#	Article	IF	Citations
1	Autism-like behaviours and germline transmission in transgenic monkeys overexpressing MeCP2. Nature, 2016, 530, 98-102.	13.7	260
2	Selective Head Cooling with Mild Systemic Hypothermia after Neonatal Hypoxic-Ischemic Encephalopathy: A Multicenter Randomized Controlled Trial in China. Journal of Pediatrics, 2010, 157, 367-372.e3.	0.9	246
3	MeCP2 Suppresses Nuclear MicroRNA Processing and Dendritic Growth by Regulating the DGCR8/Drosha Complex. Developmental Cell, 2014, 28, 547-560.	3.1	211
4	Altered gut microbiota and mucosal immunity in patients with schizophrenia. Brain, Behavior, and Immunity, 2020, 85, 120-127.	2.0	137
5	PDGFRÎ² Cells Rapidly Relay Inflammatory Signal from the Circulatory System to Neurons via Chemokine CCL2. Neuron, 2018, 100, 183-200.e8.	3.8	134
6	Clinical and genetic spectrum of a large cohort of children with epilepsy in China. Genetics in Medicine, 2019, 21, 564-571.	1.1	93
7	Tet1-mediated DNA demethylation regulates neuronal cell death induced by oxidative stress. Scientific Reports, 2015, 5, 7645.	1.6	68
8	Clinical exome sequencing as the first-tier test for diagnosing developmental disorders covering both CNV and SNV: a Chinese cohort. Journal of Medical Genetics, 2020, 57, 558-566.	1.5	61
9	Alteration of gut microbiota-associated epitopes in children with autism spectrum disorders. Brain, Behavior, and Immunity, 2019, 75, 192-199.	2.0	54
10	Optimized trio genome sequencing (OTGS) as a first-tier genetic test in critically ill infants: practice in China. Human Genetics, 2020, 139, 473-482.	1.8	51
11	Neuroprotective Effects of Oligodendrocyte Progenitor Cell Transplantation in Premature Rat Brain following Hypoxic-Ischemic Injury. PLoS ONE, 2015, 10, e0115997.	1.1	50
12	Protective humoral immunity in SARS-CoV-2 infected pediatric patients. Cellular and Molecular Immunology, 2020, 17, 768-770.	4.8	47
13	Reciprocal regulation of autism-related genes MeCP2 and PTEN via microRNAs. Scientific Reports, 2016, 6, 20392.	1.6	35
14	Application of Full-Spectrum Rapid Clinical Genome Sequencing Improves Diagnostic Rate and Clinical Outcomes in Critically Ill Infants in the China Neonatal Genomes Project*. Critical Care Medicine, 2021, 49, 1674-1683.	0.4	32
15	Combined nanopore adaptive sequencing and enzyme-based host depletion efficiently enriched microbial sequences and identified missing respiratory pathogens. BMC Genomics, 2021, 22, 732.	1.2	29
16	PhenoPro: a novel toolkit for assisting in the diagnosis of Mendelian disease. Bioinformatics, 2019, 35, 3559-3566.	1.8	27
17	The critical role of ASD-related gene CNTNAP3 in regulating synaptic development and social behavior in mice. Neurobiology of Disease, 2019, 130, 104486.	2.1	22
18	Genetic aetiology of early infant deaths in a neonatal intensive care unit. Journal of Medical Genetics, 2020, 57, 169-177.	1.5	22

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19	High prevalence of serum folate receptor autoantibodies in children with autism spectrum disorders. Biomarkers, 2018, 23, 622-624.	0.9	21
20	Identification of genetic factors underlying persistent pulmonary hypertension of newborns in a cohort of Chinese neonates. Respiratory Research, 2019, 20, 174.	1.4	21
21	TMEM151A variants cause paroxysmal kinesigenic dyskinesia. Cell Discovery, 2021, 7, 83.	3.1	21
22	Accumulated quiescent neural stem cells in adult hippocampus of the mouse model for the MECP2 duplication syndrome. Scientific Reports, 2017, 7, 41701.	1.6	19
23	Virulence factor-related gut microbiota genes and immunoglobulin A levels as novel markers for machine learning-based classification of autism spectrum disorder. Computational and Structural Biotechnology Journal, 2021, 19, 545-554.	1.9	19
24	Combining Metagenomic Sequencing With Whole Exome Sequencing to Optimize Clinical Strategies in Neonates With a Suspected Central Nervous System Infection. Frontiers in Cellular and Infection Microbiology, 2021, 11, 671109.	1.8	19
25	Epigenetic clocks in the pediatric population: when and why they tick?. Chinese Medical Journal, 2021, 134, 2901-2910.	0.9	19
26	Survival Motor Neuron Gene Copy Number Analysis by Exome Sequencing. Journal of Molecular Diagnostics, 2020, 22, 619-628.	1.2	17
27	Systematic estimation of cystic fibrosis prevalence in Chinese and genetic spectrum comparison to Caucasians. Orphanet Journal of Rare Diseases, 2022, 17, 129.	1.2	17
28	Periostin Promotes Neural Stem Cell Proliferation and Differentiation following Hypoxic-Ischemic Injury. PLoS ONE, 2015, 10, e0123585.	1.1	16
29	Use of medical exome sequencing for identification of underlying genetic defects in <scp>NICU</scp>: Experience in a cohort of 2303 neonates in China. Clinical Genetics, 2022, 101, 101-109.	1.0	16
30	Application of next generation sequencing in the screening of monogenic diseases in China, 2021: a consensus among Chinese newborn screening experts. World Journal of Pediatrics, 2022, 18, 235-242.	0.8	16
31	Decreased connexin 43 in astrocytes inhibits the neuroinflammatory reaction in an acute mouse model of neonatal sepsis. Neuroscience Bulletin, 2015, 31, 763-768.	1.5	15
32	Screening for primary immunodeficiency diseases by nextâ€generation sequencing in early life. Clinical and Translational Immunology, 2020, 9, e1138.	1.7	15
33	Diagnostic and clinical utility of nextâ€generation sequencing in children born with multiple congenital anomalies in the China neonatal genomes project. Human Mutation, 2021, 42, 434-444.	1.1	15
34	Clinical and Genetic Etiologies of Neonatal Unconjugated Hyperbilirubinemia in the China Neonatal Genomes Project. Journal of Pediatrics, 2022, 243, 53-60.e9.	0.9	14
35	Relationship between phenotype and genotype of 102 Chinese newborns with Praderâ€“Willi syndrome. Molecular Biology Reports, 2019, 46, 4717-4724.	1.0	12
36	Clinical features and underlying genetic causes in neonatal encephalopathy: A large cohort study. Clinical Genetics, 2020, 98, 365-373.	1.0	11

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37	Short-term developmental outcomes in neonates born to mothers with COVID-19 from Wuhan, China. World Journal of Pediatrics, 2021, 17, 253-262.	0.8	9
38	A multicentre observational study on neonates exposed to SARS-CoV-2 in China: the Neo-SARS-CoV-2 Study protocol. BMJ Open, 2020, 10, e038004.	0.8	8
39	Data on mutations and Clinical features in SCN1A or SCN2A gene. Data in Brief, 2019, 22, 492-501.	0.5	7
40	Cholestasis as a dominating symptom of patients with CYP27A1 mutations: An analysis of 17 Chinese infants. Journal of Clinical Lipidology, 2021, 15, 116-123.	0.6	7
41	Genetic Spectrum Identified by Exome Sequencing in a Chinese Pediatric Cerebral Palsy Cohort. Journal of Pediatrics, 2022, 242, 206-212.e6.	0.9	7
42	What can we learn from neonates with COVID-19?. World Journal of Pediatrics, 2020, 16, 280-283.	0.8	6
43	Identification of eight novel mutations in 11 ChineseÂpatients with maple syrup urine disease. World Journal of Pediatrics, 2020, 16, 401-410.	0.8	6
44	Methadone versus morphine treatment outcomes in neonatal abstinence syndrome: A metaâ€analysis. Journal of Paediatrics and Child Health, 2019, 55, 1177-1182.	0.4	5
45	Frequent mutation of hypoxia-related genes in persistent pulmonary hypertension of the newborn. Respiratory Research, 2020, 21, 53.	1.4	5
46	KIF5C deficiency causes abnormal cortical neuronal migration, dendritic branching, and spine morphology in mice. Pediatric Research, 2022, 92, 995-1002.	1.1	5
47	SecondaryÂgenomic findings in the 2020 China Neonatal Genomes Project participants. World Journal of Pediatrics, 0, , .	0.8	5
48	Changes in Amplitude-integrated Electroencephalograms in Piglets During Selective Mild Head Cooling After Hypoxia-ischemia. Pediatrics and Neonatology, 2014, 55, 282-290.	0.3	4
49	Novel Variants of the SMARCA4 Gene Associated with Autistic Features Rather Than Typical Coffin-Siris Syndrome in Eight Chinese Pediatric Patients. Journal of Autism and Developmental Disorders, 2022, 52, 5033-5041.	1.7	4
50	Variations in length of stay among survived very preterm infants admitted to Chinese neonatal intensive care units. World Journal of Pediatrics, 2022, 18, 126-134.	0.8	4
51	Deletion of CHD8 in cerebellar granule neuron progenitors leads to severe cerebellar hypoplasia, ataxia, and psychiatric behavior in mice. Journal of Genetics and Genomics, 2022, 49, 859-869.	1.7	4
52	Intron retention by a novel intronic mutation in DKC1 gene caused recurrent still birth and early death in a Chinese family. Molecular Genetics & Genomic Medicine, 2022, 10, e1934.	0.6	4
53	A novel deletion with two pathogenic variants of UGT1A1 causing Crigler-Najjar syndrome in two unrelated Chinese. Clinical Biochemistry, 2019, 71, 67-68.	0.8	3
54	Narrative review of stem cell therapy for ischemic brain injury. Translational Pediatrics, 2021, 10, 435-445.	0.5	3

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55	Genetic etiologies associated with infantile hydrocephalus in a Chinese infantile cohort. World Journal of Pediatrics, 2021, 17, 305-316.	0.8	3
56	Overdosage of HNF1B Gene Associated With Annular Pancreas Detected in Neonate Patients With 17q12 Duplication. Frontiers in Genetics, 2021, 12, 615072.	1.1	3
57	Multidisciplinary approach to screening and management of children with Fabry disease: practice at a Tertiary Childrenâ€™s Hospital in China. Orphanet Journal of Rare Diseases, 2021, 16, 509.	1.2	3
58	Genetic architecture in neonatal intensive care unit patients with congenital heart defects: a retrospective study from the China Neonatal Genomes Project. Journal of Medical Genetics, 2023, 60, 247-253.	1.5	3
59	Novel compound heterozygous mutations in the PEX1 gene in two Chinese newborns with Zellweger syndrome based on whole exome sequencing. Clinica Chimica Acta, 2017, 470, 24-28.	0.5	2
60	mTOR pathway repressing expression of FoxO3 is a potential mechanism involved in neonatal white matter dysplasia. Human Molecular Genetics, 2022, 31, 2508-2520.	1.4	2
61	A novel 333 bp deletion of IL10RA in Chinese patients with neonatal-onset inflammatory bowel disease. Journal of Clinical Immunology, 2021, 41, 1095-1098.	2.0	1
62	High-risk phenotypes of genetic disease in a Neonatal Intensive Care Unit population. Chinese Medical Journal, 2022, Publish Ahead of Print, .	0.9	1
63	Neonatal Metabolic Acidosis in the Neonatal Intensive Care Unit: What Are the Genetic Causes?. Frontiers in Pediatrics, 2021, 9, 727301.	0.9	0
64	CYP2C9*3 Increases the Ibuprofen Response of Hemodynamically Significant Patent Ductus Arteriosus in the Infants with Gestational Age of More Than 30 Weeks. Phenomics, 0, , 1.	0.9	0
65	A reply to the letter entitled â€œUnderestimation of the contribution of 211 G to A variation of UGT1A1 to neonatal hyperbilirubinemia in Chinaâ€• Journal of Pediatrics, 2022, , .	0.9	0
66	Evaluation of the clinical effect of an artificial intelligence-assisted diagnosis and treatment system for neonatal seizures in the real world: a multicenter clinical study protocol.. Chinese Journal of Contemporary Pediatrics, 2022, 24, 197-203.	0.2	0