

# Yong-Jun Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

562  
citations

687363

13  
h-index

677142

22  
g-index

42  
all docs

42  
docs citations

42  
times ranked

946  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gender Differences in Infant Mortality and Neonatal Morbidity in Mixed-Gender Twins. <i>Scientific Reports</i> , 2017, 7, 8736.	3.3	52
2	Phenylalanine activates the mitochondria-mediated apoptosis through the RhoA/Rho-associated kinase pathway in cortical neurons. <i>European Journal of Neuroscience</i> , 2007, 25, 1341-1348.	2.6	42
3	Porous decellularized trachea scaffold prepared by a laser micropore technique. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 90, 96-103.	3.1	38
4	Clinical Prognosis in Neonatal Bacterial Meningitis: The Role of Cerebrospinal Fluid Protein. <i>PLoS ONE</i> , 2015, 10, e0141620.	2.5	36
5	Prenatal Exposure to Antibiotics and Risk of Childhood Obesity in a Multicenter Cohort Study. <i>American Journal of Epidemiology</i> , 2018, 187, 2159-2167.	3.4	33
6	Platelet Parameters and (1, 3)- $\beta$ -D-Glucan as a Diagnostic and Prognostic Marker of Invasive Fungal Disease in Preterm Infants. <i>PLoS ONE</i> , 2015, 10, e0123907.	2.5	31
7	Childhood Health Outcomes in Term, Large-for-Gestational-Age Babies With Different Postnatal Growth Patterns. <i>American Journal of Epidemiology</i> , 2018, 187, 507-514.	3.4	27
8	Etiology and Clinical Features of Full-Term Neonatal Bacterial Meningitis: A Multicenter Retrospective Cohort Study. <i>Frontiers in Pediatrics</i> , 2019, 7, 31.	1.9	25
9	Vitamin D Enhances Alveolar Development in Antenatal Lipopolysaccharide-Treated Rats through the Suppression of Interferon- $\beta$ Production. <i>Frontiers in Immunology</i> , 2017, 8, 1923.	4.8	24
10	Brain-Derived Neurotrophic Factor Inhibits Phenylalanine-Induced Neuronal Apoptosis by Preventing RhoA Pathway Activation. <i>Neurochemical Research</i> , 2010, 35, 480-486.	3.3	20
11	Lipopolysaccharide disrupts the directional persistence of alveolar myofibroblast migration through EGF receptor. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L569-L579.	2.9	19
12	The rising preterm birth rate in China: a cause for concern. <i>The Lancet Global Health</i> , 2021, 9, e1179-e1180.	6.3	19
13	Csk/Src/EGFR signaling regulates migration of myofibroblasts and alveolarization. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L562-L571.	2.9	17
14	Identification of the Plasma Metabolomics as Early Diagnostic Markers between Biliary Atresia and Neonatal Hepatitis Syndrome. <i>PLoS ONE</i> , 2014, 9, e85694.	2.5	17
15	Application of next generation sequencing in the screening of monogenic diseases in China, 2021: a consensus among Chinese newborn screening experts. <i>World Journal of Pediatrics</i> , 2022, 18, 235-242.	1.8	16
16	CCR5 signaling promotes lipopolysaccharide-induced macrophage recruitment and alveolar developmental arrest. <i>Cell Death and Disease</i> , 2021, 12, 184.	6.3	15
17	Differential Effects of Phenylalanine on Rac1, Cdc42, and RhoA Expression and Activity in Cultured Cortical Neurons. <i>Pediatric Research</i> , 2007, 62, 8-13.	2.3	13
18	Lipopolysaccharide Induces Up-Regulation of TGF- $\beta$ through HDAC2 in a Rat Model of Bronchopulmonary Dysplasia. <i>PLoS ONE</i> , 2014, 9, e91083.	2.5	11

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19	Application of Next-Generation Sequencing for Genetic Diagnosis in Neonatal Intensive Care Units: Results of a Multicenter Study in China. <i>Frontiers in Genetics</i> , 2020, 11, 565078.	2.3	11
20	Three-color risk stratification for improving the diagnostic accuracy for biliary atresia. <i>European Radiology</i> , 2020, 30, 3852-3861.	4.5	11
21	Development and validation of bile acid profile-based scoring system for identification of biliary atresia: a prospective study. <i>BMC Pediatrics</i> , 2020, 20, 255.	1.7	9
22	Effects of cytomegalovirus infection on the differential diagnosis between biliary atresia and intrahepatic cholestasis in a Chinese large cohort study. <i>Annals of Hepatology</i> , 2021, 23, 100286.	1.5	8
23	Antibiotic resistance in neonates in China 2012–2019: A multicenter study. <i>Journal of Microbiology, Immunology and Infection</i> , 2022, 55, 454-462.	3.1	8
24	Theophylline improves lipopolysaccharide-induced alveolarization arrest through inflammatory regulation. <i>Molecular Medicine Reports</i> , 2014, 10, 269-275.	2.4	7
25	AMP-activated protein kinase activation in mediating phenylalanine-induced neurotoxicity in experimental models of phenylketonuria. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 679-687.	3.6	7
26	Association Between Funisitis and Childhood Intellectual Development: A Prospective Cohort Study. <i>Frontiers in Neurology</i> , 2019, 10, 612.	2.4	7
27	Comparing Single vs. Combined Cerebrospinal Fluid Parameters for Diagnosing Full-Term Neonatal Bacterial Meningitis. <i>Frontiers in Neurology</i> , 2019, 10, 12.	2.4	6
28	Primary immunodeficiency-related genes in neonatal intensive care unit patients with various genetic immune abnormalities: a multicentre study in China. <i>Clinical and Translational Immunology</i> , 2021, 10, e1266.	3.8	6
29	Clinical, biochemical and molecular analysis of two infants with familial chylomicronemia syndrome. <i>Lipids in Health and Disease</i> , 2016, 15, 88.	3.0	5
30	Choosing the Best Newborn Anthropometric Measure Associated With the Risks and Outcomes of Intrauterine Growth Restriction. <i>Clinical Pediatrics</i> , 2015, 54, 1315-1321.	0.8	4
31	Associations between neonatal serum bilirubin and childhood hypertension. <i>PLoS ONE</i> , 2019, 14, e0219942.	2.5	4
32	Metabolomics analysis reveals perturbations of cerebrocortical metabolic pathways in the Pah enu2 mouse model of phenylketonuria. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 486-493.	3.9	3
33	A sequential guide to identify neonates with low bacterial meningitis risk: a multicenter study. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1132-1140.	3.7	3
34	Prenatal environmental antibiotics and fetal and postnatal growth: A biomonitoring-based prospective study in Eastern China. <i>Chemosphere</i> , 2021, 288, 132657.	8.2	3
35	An improved clinical prediction rule for identifying neonatal bacterial meningitis: a multicenter cohort study. <i>Translational Pediatrics</i> , 2021, 10, 64-72.	1.2	2
36	Authors' reply re: Association of intrauterine exposure to aspirin and blood pressure at 7 years of age: a secondary analysis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2019, 126, 1292-1292.	2.3	1

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37	Eczema Herpeticum in an Infant. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 4468-4469.	3.8	1
38	A Novel Algorithm With Paired Predictive Indexes to Stratify the Risk Levels of Neonates With Invasive Bacterial Infections: A Multicenter Cohort Study. <i>Pediatric Infectious Disease Journal</i> , 2022, 41, e149-e155.	2.0	1
39	Web-based calculator for biliary atresia screening in neonates and infants with cholestasis. <i>Translational Pediatrics</i> , 2021, 10, 225-235.	1.2	0
40	Epidemiology and region-specific risk factors for low Apgar scores in China: a nationwide study. <i>World Journal of Pediatrics</i> , 2022, 18, 135.	1.8	0