A-dong Shen

List of Publications by Year
in descending order

78 papers	1,614 citations	448610 19 h-index	406436 35 g-index
80 all docs	80 docs citations	80 times ranked	2814 citing authors

#	Article	IF	Citations
1	Detection of pulmonary tuberculosis in children using the Xpert MTB/RIF Ultra assay on sputum: a multicenter study. European Journal of Clinical Microbiology and Infectious Diseases, 2022, 41, 235-243.	1.3	2
2	Use of Xpert MTB/RIF Ultra assay on stool and gastric aspirate samples to diagnose pulmonary tuberculosis in children in a high-tuberculosis-burden but resource-limited area of China. International Journal of Infectious Diseases, 2022, 114, 236-243.	1.5	9
3	Differential Effects of Toll-Like Receptor Signaling on the Activation of Immune Responses in the Upper Respiratory Tract. Microbiology Spectrum, 2022, 10, e0114421.	1.2	2
4	A Novel Cross-Priming Amplification-Based Assay for Tuberculosis Diagnosis in Children Using Gastric Aspirate. Frontiers in Microbiology, 2022, 13, 819654.	1.5	3
5	Chinese expert consensus on immunoprophylaxis of common respiratory pathogens in children (2021) Tj ETQq1 1 0.784314 rgBT /Over	0.6	1
6	Effectiveness of Bacillus Calmetteâ€"GuÃ©rin vaccination against severe childhood tuberculosis in China: a case-based, multicenter retrospective study. International Journal of Infectious Diseases, 2022, , .	1.5	3
7	Antibiotic prescriptions for children younger than 5â€‰years with acute upper respiratory infections in China: a retrospective nationwide claims database study. BMC Infectious Diseases, 2021, 21, 339.	1.3	12
8	Molecular characterization of multidrug-resistant tuberculosis against levofloxacin, moxifloxacin, bedaquiline, linezolid, clofazimine, and delamanid in southwest of China. BMC Infectious Diseases, 2021, 21, 330.	1.3	27
9	Development and Preliminary Application of Multiplex Loop-Mediated Isothermal Amplification Coupled With Lateral Flow Biosensor for Detection of Mycobacterium tuberculosis Complex. Frontiers in Cellular and Infection Microbiology, 2021, 11, 666492.	1.8	7
10	Drug Clearance in Neonates: A Combination of Population Pharmacokinetic Modelling and Machine Learning Approaches to Improve Individual Prediction. Clinical Pharmacokinetics, 2021, 60, 1435-1448.	1.6	20
11	Latamoxef for Neonates With Early-Onset Neonatal Sepsis: A Study Protocol for a Randomized Controlled Trial. Frontiers in Pharmacology, 2021, 12, 635517.	1.6	3
12	Comparison of Clinical Characteristics Among COVID-19 and Non-COVID-19 Pediatric Pneumonias: A Multicenter Cross-Sectional Study. Frontiers in Cellular and Infection Microbiology, 2021, 11, 663884.	1.8	11
13	Population pharmacokinetics-pharmacodynamics of ceftazidime in neonates and young infants: Dosing optimization for neonatal sepsis. European Journal of Pharmaceutical Sciences, 2021, 163, 105868.	1.9	5
14	Tuberculosis infection screening in children with close contact: a hospital-based study. BMC Infectious Diseases, 2021, 21, 815.	1.3	4
15	Schumannella soli sp. nov., a novel actinomycete isolated from mangrove soil by in situ cultivation. Antonie Van Leeuwenhoek, 2021, 114, 1657-1667.	0.7	7
16	A Multicenter Study of Viral Aetiology of Community-Acquired Pneumonia in Hospitalized Children in Chinese Mainland. Virologica Sinica, 2021, 36, 1543-1553.	1.2	12
17	Expert consensus on COVID-19 vaccination in children. World Journal of Pediatrics, 2021, 17, 449-457.	0.8	21
18	Practical approach to detection and surveillance of emerging highly resistant Mycobacterium tuberculosis Beijing 1071-32-cluster. Scientific Reports, 2021, 11, 21392.	1.6	5

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19	Multiple Cross Displacement Amplification Combined With Real-Time Polymerase Chain Reaction Platform: A Rapid, Sensitive Method to Detect Mycobacterium tuberculosis. Frontiers in Microbiology, 2021, 12, 812690.	1.5	4
20	*M. tuberculosis* CRISPR/Cas proteins are secreted virulence factors that trigger cellular immune responses. Virulence, 2021, 12, 3032-3044.	1.8	7
21	Mycobacterium tuberculosis infection up-regulates MFN2 expression to promote NLRP3 inflammasome formation. Journal of Biological Chemistry, 2020, 295, 17684-17697.	1.6	22
22	Graphene oxide and self-avoiding molecular recognition systems-assisted recombinase polymerase amplification coupled with lateral flow bioassay for nucleic acid detection. Mikrochimica Acta, 2020, 187, 667.	2.5	17
23	The economic burden of medical treatment of children with asthma in China. BMC Pediatrics, 2020, 20, 386.	0.7	11
24	Severe cases of BCGosis-susceptible primary immunodeficiency diseases identified by next-generation sequencing: Implications for adjustment of BCG vaccination timing in China. Journal of Genetics and Genomics, 2020, 47, 229-232.	1.7	2
25	Evaluation of Xpert MTB/RIF Ultra Assay for Diagnosis of Childhood Tuberculosis: a Multicenter Accuracy Study. Journal of Clinical Microbiology, 2020, 58, .	1.8	14
26	Population pharmacokinetics and dose optimization of ceftriaxone for children with community-acquired pneumonia. European Journal of Clinical Pharmacology, 2020, 76, 1547-1556.	0.8	6
27	Reappraisal of the Optimal Dose of Meropenem in Critically Ill Infants and Children: a Developmental Pharmacokinetic-Pharmacodynamic Analysis. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	16
28	Developmental population pharmacokinetics–pharmacodynamics and dosing optimization of cefoperazone in children. Journal of Antimicrobial Chemotherapy, 2020, 75, 1917-1924.	1.3	6
29	Establishment and Application of a Multiple Cross Displacement Amplification Coupled With Nanoparticle-Based Lateral Flow Biosensor Assay for Detection of Mycoplasma pneumoniae. Frontiers in Cellular and Infection Microbiology, 2019, 9, 325.	1.8	21
30	A Test for More Accurate Diagnosis of Pulmonary Tuberculosis. Pediatrics, 2019, 144, e20190262.	1.0	24
31	Development and Clinical Validation of Multiple Cross Displacement Amplification Combined With Nanoparticles-Based Biosensor for Detection of Mycobacterium tuberculosis: Preliminary Results. Frontiers in Microbiology, 2019, 10, 2135.	1.5	18
32	Label-Free Cross-Priming Amplification Coupled With Endonuclease Restriction and Nanoparticles-Based Biosensor for Simultaneous Detection of Nucleic Acids and Prevention of Carryover Contamination. Frontiers in Chemistry, 2019, 7, 322.	1.8	4
33	A Multicomponent Vaccine Provides Immunity against Local and Systemic Infections by Group A Streptococcus across Serotypes. MBio, 2019, 10, .	1.8	14
34	Simultaneous Nucleic Acids Detection and Elimination of Carryover Contamination With Nanoparticles-Based Biosensor- and Antarctic Thermal Sensitive Uracil-DNA-Glycosylase-Supplemented Polymerase Spiral Reaction. Frontiers in Bioengineering and Biotechnology, 2019, 7, 401.	2.0	2
35	Early Diagnosis of Mycoplasma pneumoniae in Children: Simultaneous Amplification and Testing (SAT) Is the Key. Frontiers in Pediatrics, 2019, 7, 441.	0.9	10
36	Population pharmacokinetics and dosing optimization of latamoxef in neonates and young infants. International Journal of Antimicrobial Agents, 2019, 53, 347-351.	1.1	10

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37	Population Pharmacokinetics and Dosing Optimization of Amoxicillin in Neonates and Young Infants. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	29
38	Mutations of Mycobacterium tuberculosis induced by anti-tuberculosis treatment result in metabolism changes and elevation of ethambutol resistance. Infection, Genetics and Evolution, 2019, 72, 151-158.	1.0	10
39	Development of loop-mediated isothermal amplification coupled with nanoparticle-based lateral flow biosensor assay for Mycoplasma pneumoniae detection. AMB Express, 2019, 9, 196.	1.4	23
40	A microscale HPLC–UV method for the determination of latamoxef in plasma: An adapted method for therapeutic drug monitoring in neonates. Biomedical Chromatography, 2018, 32, e4243.	0.8	6
41	Rapid Assay for Detection of the Epidemiologically Important Central Asian/Russian Strain of the Mycobacterium tuberculosis Beijing Genotype. Journal of Clinical Microbiology, 2018, 56, .	1.8	25
42	rs1800796 of the IL6 gene is associated with increased risk for anti-tuberculosis drug-induced hepatotoxicity in Chinese Han children. Tuberculosis, 2018, 111, 71-77.	0.8	7
43	Population Pharmacokinetics and Dosing Optimization of Azithromycin in Children with Community-Acquired Pneumonia. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	12
44	Early target attainment of azithromycin therapy in children with lower respiratory tract infections. Journal of Antimicrobial Chemotherapy, 2018, 73, 2846-2850.	1.3	8
45	Clinical and Drug Resistance Characteristics of New Pediatric Tuberculosis Cases in Northern China. Microbial Drug Resistance, 2018, 24, 1397-1403.	0.9	4
46	Positive epistasis of major low-cost drug resistance mutations rpoB 531-TTG and katG 315-ACC depends on the phylogenetic background of Mycobacterium tuberculosis strains. International Journal of Antimicrobial Agents, 2017, 49, 757-762.	1.1	16
47	Characteristics and clinical role of bronchoscopy in diagnosis of childhood endobronchial tuberculosis. World Journal of Pediatrics, 2017, 13, 599-603.	0.8	9
48	Discovery of susceptibility loci associated with tuberculosis in Han Chinese. Human Molecular Genetics, 2017, 26, 4752-4763.	1.4	50
49	Characterization of plasma proteins in children of different *Mycobacterium tuberculosis* infection status using label-free quantitative proteomics. Oncotarget, 2017, 8, 103290-103301.	0.8	11
50	Appraisal of clinical practice guidelines on community-acquired pneumonia in children with AGREE II instrument. BMC Pediatrics, 2016, 16, 119.	0.7	16
51	Prevalence and molecular characteristics of drug-resistant Mycobacterium tuberculosis in Beijing, China: 2006 versus 2012. BMC Microbiology, 2016, 16, 85.	1.3	19
52	Rs1914663 of SFTPA 1 gene is associated with pediatric tuberculosis in Han Chinese population. Infection, Genetics and Evolution, 2016, 41, 16-20.	1.0	2
53	Utility of Novel Plasma Metabolic Markers in the Diagnosis of Pediatric Tuberculosis: A Classification and Regression Tree Analysis Approach. Journal of Proteome Research, 2016, 15, 3118-3125.	1.8	20
54	Evolutionary History and Ongoing Transmission of Phylogenetic Sublineages of Mycobacterium tuberculosis Beijing Genotype in China. Scientific Reports, 2016, 6, 34353.	1.6	28

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55	PEDIATRIC DRUG TRIALS IN CHINA. Archives of Disease in Childhood, 2016, 101, e1.12-e1.	1.0	0
56	Identification of differentially expressed transcripts targeted by the knockdown of endogenous IFITM3. Molecular Medicine Reports, 2016, 14, 4367-4373.	1.1	7
57	Identification of a novel transcript of human MD2 gene. Gene, 2016, 590, 123-127.	1.0	1
58	Deafness gene mutations in newborns in Beijing. Acta Oto-Laryngologica, 2016, 136, 475-479.	0.3	10
59	Compensatory Mutations of Rifampin Resistance Are Associated with Transmission of Multidrug-Resistant Mycobacterium tuberculosis Beijing Genotype Strains in China. Antimicrobial Agents and Chemotherapy, 2016, 60, 2807-2812.	1.4	62
60	Progress on mechanism of ethambutol resistance in Mycobacterium Tuberculosis. Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji, 2016, 38, 910-917.	0.1	3
61	Prevalence of drug resistant Mycobacterium tuberculosis among children in China. Tuberculosis, 2015, 95, 315-320.	0.8	28
62	Toll-like receptor 1(TLR1) Gene SNP rs5743618 is associated with increased risk for tuberculosis in Han Chinese children. Tuberculosis, 2015, 95, 197-203.	0.8	33
63	Evolutionary history and global spread of the Mycobacterium tuberculosis Beijing lineage. Nature Genetics, 2015, 47, 242-249.	9.4	466
64	Performance of the Interferon Gamma Release Assays in Tuberculosis Disease in Children Five Years Old or Less. PLoS ONE, 2015, 10, e0143820.	1.1	16
65	Rapid Diagnosis of Childhood Pulmonary Tuberculosis by Xpert MTB/RIF Assay Using Bronchoalveolar Lavage Fluid. BioMed Research International, 2014, 2014, 1-6.	0.9	28
66	A 3′UTR Polymorphism of IL-6R Is Associated with Chinese Pediatric Tuberculosis. BioMed Research International, 2014, 2014, 1-7.	0.9	5
67	Stranger in a strange land: Ibero-American strain of Mycobacterium tuberculosis in Tibet, China. Infection, Genetics and Evolution, 2014, 26, 323-326.	1.0	10
68	rs2243268 and rs2243274 of Interleukin-4 (IL-4) gene are associated with reduced risk for extrapulmonary and severe tuberculosis in Chinese Han children. Infection, Genetics and Evolution, 2014, 23, 121-128.	1.0	14
69	Genetic Contribution of CISH Promoter Polymorphisms to Susceptibility to Tuberculosis in Chinese Children. PLoS ONE, 2014, 9, e92020.	1.1	17
70	Impact of Glutathione S-Transferase M1 and T1 on Anti-Tuberculosis Drug–Induced Hepatotoxicity in Chinese Pediatric Patients. PLoS ONE, 2014, 9, e115410.	1.1	17
71	IFNG polymorphisms are associated with tuberculosis in Han Chinese pediatric female population. Molecular Biology Reports, 2013, 40, 5477-5482.	1.0	20
72	A Functional Promoter Polymorphism of IFITM3 Is Associated with Susceptibility to Pediatric Tuberculosis in Han Chinese Population. PLoS ONE, 2013, 8, e67816.	1.1	24

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73	A Country-Wide Study of Spoligotype and Drug Resistance Characteristics of Mycobacterium tuberculosis Isolates from Children in China. PLoS ONE, 2013, 8, e84315.	1.1	11
74	Pediatric Tuberculosis at Beijing Children's Hospital: 2002–2010. Pediatrics, 2012, 130, e1433-e1440.	1.0	77
75	Polymorphism of 3′UTR region of TNFR2 coding gene and its role in clinical tuberculosis in Han Chinese pediatric population. Infection, Genetics and Evolution, 2011, 11, 1312-1318.	1.0	14
76	Tag SNP Polymorphism of CCL2 and Its Role in Clinical Tuberculosis in Han Chinese Pediatric Population. PLoS ONE, 2011, 6, e14652.	1.1	29
77	SLC11A1(FormerlyNRAMP1) Gene Polymorphisms Associated with Pediatric Tuberculosis in China. Clinical Infectious Diseases, 2009, 48, 733-738.	2.9	25
78	Molecular characteristics of rifampin and isoniazid resistant Mycobacterium tuberculosis strains from Beijing, China. Chinese Medical Journal, 2007, 120, 814-819.	0.9	40