

Hairong Huang

List of Publications by Year in descending order

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90
papers

2,261
citations

201385

27
h-index

276539

41
g-index

97
all docs

97
docs citations

97
times ranked

2657
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidemiology of Extrapulmonary Tuberculosis among Inpatients, China, 2008–2017. <i>Emerging Infectious Diseases</i> , 2019, 25, 457-464.	2.0	167
2	Latently and uninfected healthcare workers exposed to TB make protective antibodies against <i>Mycobacterium tuberculosis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5023-5028.	3.3	132
3	Precision methylome characterization of <i>Mycobacterium tuberculosis</i> complex (MTBC) using PacBio single-molecule real-time (SMRT) technology. <i>Nucleic Acids Research</i> , 2016, 44, 730-743.	6.5	124
4	<i>In Vitro</i> Drug Susceptibility of Bedaquiline, Delamanid, Linezolid, Clofazimine, Moxifloxacin, and Gatifloxacin against Extensively Drug-Resistant Tuberculosis in Beijing, China. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	89
5	The essential mycobacterial amidotransferase GatCAB is a modulator of specific translational fidelity. <i>Nature Microbiology</i> , 2016, 1, 16147.	5.9	80
6	The Bioinformatics Analysis of Comparative Genomics of Mycobacterium tuberculosis Complex (MTBC) Provides Insight into Dissimilarities between Intraspecific Groups Differing in Host Association, Virulence, and Epitope Diversity. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 88.	1.8	69
7	The prevalence of non-tuberculous mycobacterial infections in mainland China: Systematic review and meta-analysis. <i>Journal of Infection</i> , 2016, 73, 558-567.	1.7	67
8	Xpert MTB/RIF and GenoType MTBDRplus assays for the rapid diagnosis of bone and joint tuberculosis. <i>International Journal of Infectious Diseases</i> , 2015, 36, 27-30.	1.5	60
9	Comparison of <i>In Vitro</i> Activity and MIC Distributions between the Novel Oxazolidinone Delapazolid and Linezolid against Multidrug-Resistant and Extensively Drug-Resistant Mycobacterium tuberculosis in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	59
10	Species identification of Mycobacterium abscessus subsp. abscessus and Mycobacterium abscessus subsp. bolletii using rpoB and hsp65, and susceptibility testing to eight antibiotics. <i>International Journal of Infectious Diseases</i> , 2014, 25, 170-174.	1.5	57
11	Xpert MTB/RIF Ultra improved the diagnosis of paucibacillary tuberculosis: A prospective cohort study. <i>Journal of Infection</i> , 2019, 78, 311-316.	1.7	56
12	Accuracy of Xpert MTB/RIF Ultra for the Diagnosis of Pleural TB in a Multicenter Cohort Study. <i>Chest</i> , 2020, 157, 268-275.	0.4	50
13	Human antibodies targeting a Mycobacterium transporter protein mediate protection against tuberculosis. <i>Nature Communications</i> , 2021, 12, 602.	5.8	48
14	Proteome-wide Lysine Glutarylation Profiling of the Mycobacterium tuberculosis H37Rv. <i>Journal of Proteome Research</i> , 2016, 15, 1379-1385.	1.8	44
15	Mutations Found in <i>embCAB</i> , <i>embR</i> , and <i>ubiA</i> Genes of Ethambutol-Sensitive and -Resistant Mycobacterium tuberculosis Clinical Isolates from China. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	43
16	Genetic Determinants Involved in <i>p</i> -Aminosalicylic Acid Resistance in Clinical Isolates from Tuberculosis Patients in Northern China from 2006 to 2012. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1320-1324.	1.4	43
17	Pyrazinamide resistance among multidrug-resistant tuberculosis clinical isolates in a national referral center of China and its correlations with pncA, rpsA, and panD gene mutations. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 84, 207-211.	0.8	40
18	Cross-sectional Whole-genome Sequencing and Epidemiological Study of Multidrug-resistant Mycobacterium tuberculosis in China. <i>Clinical Infectious Diseases</i> , 2019, 69, 405-413.	2.9	39

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19	Relapse Versus Reinfection of Recurrent Tuberculosis Patients in a National Tuberculosis Specialized Hospital in Beijing, China. <i>Frontiers in Microbiology</i> , 2018, 9, 1858.	1.5	38
20	GeneXpert MTB/RIF assay in the diagnosis of urinary tuberculosis from urine specimens. <i>Scientific Reports</i> , 2017, 7, 6181.	1.6	36
21	Comparison of in vitro activity of the nitroimidazoles delamanid and pretomanid against multidrug-resistant and extensively drug-resistant tuberculosis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1293-1296.	1.3	36
22	Pan-Genomic Study of <i>Mycobacterium tuberculosis</i> Reflecting the Primary/Secondary Genes, Generality/Individuality, and the Interconversion Through Copy Number Variations. <i>Frontiers in Microbiology</i> , 2018, 9, 1886.	1.5	35
23	In Vitro Activity of Clofazimine against Nontuberculous <i>Mycobacteria</i> Isolated in Beijing, China. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	34
24	Diagnostic value of Xpert MTB/RIF Ultra for osteoarticular tuberculosis. <i>Journal of Infection</i> , 2019, 79, 153-158.	1.7	34
25	Characterization of a toxin-antitoxin system in <i>Mycobacterium tuberculosis</i> suggests neutralization by phosphorylation as the antitoxicity mechanism. <i>Communications Biology</i> , 2020, 3, 216.	2.0	31
26	Diagnostic accuracy evaluation of the conventional and molecular tests for Spinal Tuberculosis in a cohort, head-to-head study. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-8.	3.0	30
27	Some Synonymous and Nonsynonymous <i>gyrA</i> Mutations in <i>Mycobacterium tuberculosis</i> Lead to Systematic False-Positive Fluoroquinolone Resistance Results with the Hain GenoType MTBDR Assays. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	29
28	GeneXpert MTB/RIF Outperforms <i>Mycobacterial</i> Culture in Detecting <i>Mycobacterium tuberculosis</i> from Salivary Sputum. <i>BioMed Research International</i> , 2018, 2018, 1-5.	0.9	29
29	In Vitro Activity of PBTZ169 against Multiple <i>Mycobacterium</i> Species. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	24
30	In Vitro Activities of Bedaquiline and Delamanid against Nontuberculous <i>Mycobacteria</i> Isolated in Beijing, China. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	24
31	Clinical Significance of Nontuberculous <i>Mycobacteria</i> Isolated From Respiratory Specimens in a Chinese Tuberculosis Tertiary Care Center. <i>Scientific Reports</i> , 2016, 6, 36299.	1.6	22
32	Rifabutin Resistance Associated with Double Mutations in <i>rpoB</i> Gene in <i>Mycobacterium tuberculosis</i> Isolates. <i>Frontiers in Microbiology</i> , 2017, 8, 1768.	1.5	21
33	Population Pharmacokinetic Analysis of Isoniazid among Pulmonary Tuberculosis Patients from China. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	21
34	<i>dfrA thyA</i> Double Deletion in <i>para</i> -Aminosalicylic Acid-Resistant <i>Mycobacterium tuberculosis</i> Beijing Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3864-3867.	1.4	20
35	Clofazimine for Treatment of Extensively Drug-Resistant Pulmonary Tuberculosis in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	20
36	A 10-Year Comparative Analysis Shows that Increasing Prevalence of Rifampin-Resistant <i>Mycobacterium tuberculosis</i> in China Is Associated with the Transmission of Strains Harboring Compensatory Mutations. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	20

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37	Prevalence and treatment outcome of extensively drug-resistant tuberculosis plus additional drug resistance from the National Clinical Center for Tuberculosis in China: A five-year review. <i>Journal of Infection</i> , 2017, 75, 433-440.	1.7	19
38	Transmitted Extended-Spectrum Extensively Drug-Resistant Tuberculosis in Beijing, China, with Discordant Whole-Genome Sequencing Analysis Results. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2781-2784.	1.8	18
39	Risk factors for pulmonary cavitation in tuberculosis patients from China. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-11.	3.0	18
40	Prevalence and molecular characterizations of seven additional drug resistance among multidrug-resistant tuberculosis in China: A subsequent study of a national survey. <i>Journal of Infection</i> , 2021, 82, 371-377.	1.7	18
41	Comparison of the in vitro activity of linezolid, tedizolid, sutezolid, and delpazolid against rapidly growing mycobacteria isolated in Beijing, China. <i>International Journal of Infectious Diseases</i> , 2021, 109, 253-260.	1.5	18
42	Species Identification and Clarithromycin Susceptibility Testing of 278 Clinical Nontuberculosis Mycobacteria Isolates. <i>BioMed Research International</i> , 2015, 2015, 1-7.	0.9	17
43	Characteristics of distribution of Mycobacterium tuberculosis lineages in China. <i>Science China Life Sciences</i> , 2018, 61, 651-659.	2.3	16
44	Xpert MTB/RIF Ultra enhanced tuberculous pleurisy diagnosis for patients with unexplained exudative pleural effusion who underwent a pleural biopsy via thoracoscopy: A prospective cohort study. <i>International Journal of Infectious Diseases</i> , 2021, 106, 370-375.	1.5	16
45	Wild-Type and Non-Wild-Type Mycobacterium tuberculosis MIC Distributions for the Novel Fluoroquinolone Antofloxacin Compared with Those for Ofloxacin, Levofloxacin, and Moxifloxacin. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5232-5237.	1.4	15
46	Performance of the MTBDR sl Line probe assay for rapid detection of resistance to second-line anti-tuberculosis drugs and ethambutol in China. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 89, 112-117.	0.8	15
47	Implications of a school outbreak of multidrug-resistant tuberculosis in Northern China. <i>Epidemiology and Infection</i> , 2018, 146, 584-588.	1.0	15
48	Evaluation of the Ribosomal Protein S1 Gene (<i>rpsA</i>) as a Novel Biomarker for Mycobacterium Species Identification. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	13
49	Mycobacterium tuberculosis Lineage Distribution in Xinjiang and Gansu Provinces, China. <i>Scientific Reports</i> , 2017, 7, 1068.	1.6	13
50	Penetration of linezolid into bone tissue 24 h after administration in patients with multidrug-resistant spinal tuberculosis. <i>PLoS ONE</i> , 2019, 14, e0223391.	1.1	13
51	Pulmonary Tuberculosis Caused by Mycobacterium bovis in China. <i>Scientific Reports</i> , 2015, 5, 8538.	1.6	12
52	Validation of Cycloserine Efficacy in Treatment of Multidrug-Resistant and Extensively Drug-Resistant Tuberculosis in Beijing, China. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	12
53	The reliability analysis of Xpert-positive result for smear-negative and culture-negative specimen collected from bone and joint tuberculosis suspects. <i>Journal of Thoracic Disease</i> , 2016, 8, 1205-1209.	0.6	11
54	Transregional movement of multidrug-resistant tuberculosis in north China: an underlying threat to tuberculosis control. <i>Scientific Reports</i> , 2016, 6, 29727.	1.6	11

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55	<p>Para-aminosalicylic acid increases the susceptibility to isoniazid in clinical isolates of Mycobacterium tuberculosis</p>. Infection and Drug Resistance, 2019, Volume 12, 825-829.	1.1	11
56	<i>Mycobacterium vicinigordoniae</i> sp. nov., a slow-growing scotochromogenic species isolated from sputum. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	11
57	Diagnostic accuracy of Xpert MTB/RIF Ultra for tuberculous meningitis in a clinical practice setting of China. Diagnostic Microbiology and Infectious Disease, 2021, 100, 115306.	0.8	11
58	A Country-Wide Study of Spoligotype and Drug Resistance Characteristics of <i>Mycobacterium tuberculosis</i> Isolates from Children in China. PLoS ONE, 2013, 8, e84315.	1.1	11
59	In vitro Antimicrobial Activity Comparison of Linezolid, Tedizolid, Sutezolid and Delpazolid Against Slowly Growing <i>Mycobacteria</i> Isolated in Beijing, China. Infection and Drug Resistance, 2021, Volume 14, 4689-4697.	1.1	11
60	Incremental cost-effectiveness of the second Xpert MTB/RIF assay to detect <i>Mycobacterium tuberculosis</i> . Journal of Thoracic Disease, 2018, 10, 1689-1695.	0.6	10
61	Mutations of <i>Mycobacterium tuberculosis</i> 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
62	EasyNAT MTC assay: A simple, rapid, and low-cost cross-priming amplification method for the detection of <i>mycobacterium tuberculosis</i> suitable for point-of-care testing. Emerging Microbes and Infections, 2021, 10, 1530-1535.	3.0	10
63	Discrepancies in Drug Susceptibility Test for Tuberculosis Patients Resulted from the Mixed Infection and the Testing System. BioMed Research International, 2015, 2015, 1-7.	0.9	9
64	Antimicrobial susceptibility testing and genotyping of <i>Mycobacterium avium</i> isolates of two tertiary tuberculosis designated hospital, China. Infection, Genetics and Evolution, 2015, 36, 141-146.	1.0	9
65	Assessment of the efficacy of drug transdermal delivery by electro-phonophoresis in treating tuberculous lymphadenitis. Drug Delivery, 2016, 23, 1588-1593.	2.5	9
66	The discovery, function and development of the variable number tandem repeats in different <i>Mycobacterium</i> species. Critical Reviews in Microbiology, 2015, 42, 1-21.	2.7	8
67	The <i>aceE</i> involves in mycolic acid synthesis and biofilm formation in <i>Mycobacterium smegmatis</i> . BMC Microbiology, 2020, 20, 259.	1.3	8
68	Carbonyl Cyanide 3-Chlorophenylhydrazone (CCCP) Exhibits Direct Antibacterial Activity Against <i>Mycobacterium abscessus</i> . Infection and Drug Resistance, 2021, Volume 14, 1199-1208.	1.1	8
69	Evaluation of the efficacy of Myco/F lytic system, MGIT960 system and Lowenstein-Jensen medium for recovery of <i>Mycobacterium tuberculosis</i> from sterile body fluids. Scientific Reports, 2016, 6, 37757.	1.6	7
70	Transdermal delivery of isoniazid and rifampin in guinea pigs by electro-phonophoresis. Drug Delivery, 2017, 24, 467-470.	2.5	7
71	Development and Preliminary Application of Multiplex Loop-Mediated Isothermal Amplification Coupled With Lateral Flow Biosensor for Detection of <i>Mycobacterium tuberculosis</i> Complex. Frontiers in Cellular and Infection Microbiology, 2021, 11, 666492.	1.8	7
72	Genomic Analysis of a <i>Mycobacterium Bovis</i> Bacillus Calmette-GuÃ©rin Strain Isolated from an Adult Patient with Pulmonary Tuberculosis. PLoS ONE, 2015, 10, e0122403.	1.1	7

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73	Differential DNA methylomes of clinical MDR, XDR and XXDR <i>Mycobacterium tuberculosis</i> isolates revealed by using single-molecule real-time sequencing. <i>Journal of Drug Targeting</i> , 2021, 29, 69-77.	2.1	6
74	Bone penetration of linezolid in osteoarticular tuberculosis patients of China. <i>International Journal of Infectious Diseases</i> , 2021, 103, 364-369.	1.5	6
75	Combination of Percutaneous Lung Biopsy and Xpert MTB/RIF Ultra Enhances the Differential Diagnosis of Tuberculosis: A Prospective Cohort Study. <i>Infectious Diseases and Therapy</i> , 2020, 9, 797-806.	1.8	5
76	Evaluation of a High-Intensity Green Fluorescent Protein Fluorophage Method for Drug-Resistance Diagnosis in Tuberculosis for Isoniazid, Rifampin, and Streptomycin. <i>Frontiers in Microbiology</i> , 2016, 7, 922.	1.5	4
77	Antituberculosis drug prescribing for inpatients in a national tuberculosis hospital in China, 2011–2015. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 14, 17-22.	0.9	4
78	Change in prevalence and molecular characteristics of isoniazid-resistant tuberculosis over a 10-year period in China. <i>BMC Infectious Diseases</i> , 2019, 19, 689.	1.3	4
79	GeneXpert of stool versus gastric lavage fluid for the diagnosis of pulmonary tuberculosis in severely ill adults. <i>Infection</i> , 2019, 47, 611-616.	2.3	4
80	No in vitro synergistic effect of bedaquiline combined with fluoroquinolones, linezolid, and clofazimine against extensively drug-resistant tuberculosis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019, 94, 361-364.	0.8	4
81	Fidaxomicin has high in vitro activity against <i>Mycobacterium tuberculosis</i> . <i>Journal of Medical Microbiology</i> , 2021, 70, .	0.7	3
82	The Comparative Influence of 2 and 4 Weeks Preoperative Antituberculosis Treatment on Spinal Tuberculosis Surgery: A Multicenter, Prospective, Randomized Clinical Trial. <i>Infectious Diseases and Therapy</i> , 2021, 10, 1451-1463.	1.8	3
83	Bone Penetration of Cycloserine in Osteoarticular Tuberculosis Patients of China. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, e0222421.	1.4	3
84	Rapid identification of the <i>NAT2</i> genotype in tuberculosis patients by multicolor melting curve analysis. <i>Pharmacogenomics</i> , 2016, 17, 1211-1218.	0.6	2
85	Determination of the Critical Concentration of Rifabutin for Susceptibility Testing Using the Proportion Method with Löwenstein-Jensen Medium against <i>Mycobacterium Tuberculosis</i> Isolates. <i>Laboratory Medicine</i> , 2019, 50, 292-297.	0.8	2
86	Extremely high levels of central nervous system involvement in miliary tuberculosis. <i>BMC Infectious Diseases</i> , 2022, 22, 417.	1.3	2
87	In vitro activity of fidaxomicin against nontuberculosis mycobacteria. <i>Journal of Medical Microbiology</i> , 2022, 71, .	0.7	2
88	Macrocolonies (Granules) Formation as a Cause of False-Negative Results in the MGIT 960 System: Cause Analysis and Correlation with Mycobacterial Species. <i>BioMed Research International</i> , 2015, 2015, 1-5.	0.9	1
89	Response. <i>Chest</i> , 2020, 158, 830-831.	0.4	0
90	Response. <i>Chest</i> , 2021, 159, 448-449.	0.4	0