

Hui Wang

List of Publications by Year in descending order

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65
papers

5,901
citations

101543

36
h-index

106344

65
g-index

68
all docs

68
docs citations

68
times ranked

6717
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical epidemiology of the global expansion of <i>Klebsiella pneumoniae</i> carbapenemases. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 785-796.	9.1	1,328
2	The global distribution and spread of the mobilized colistin resistance gene <i>mcr-1</i> . <i>Nature Communications</i> , 2018, 9, 1179.	12.8	464
3	Changing Trends in Antimicrobial Resistance and Serotypes of <i>Streptococcus pneumoniae</i> Isolates in Asian Countries: an Asian Network for Surveillance of Resistant Pathogens (ANSORP) Study. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 1418-1426.	3.2	291
4	Epidemiology of Carbapenem-Resistant Enterobacteriaceae Infections: Report from the China CRE Network. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	290
5	Phenotypic and Genotypic Characterization of Carbapenem-resistant <i>Enterobacteriaceae</i> : Data From a Longitudinal Large-scale CRE Study in China (2012-2016). <i>Clinical Infectious Diseases</i> , 2018, 67, S196-S205.	5.8	240
6	High Prevalence of Hypervirulent <i>Klebsiella pneumoniae</i> Infection in China: Geographic Distribution, Clinical Characteristics, and Antimicrobial Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6115-6120.	3.2	222
7	Emergence of a hypervirulent carbapenem-resistant <i>Klebsiella pneumoniae</i> isolate from clinical infections in China. <i>Journal of Infection</i> , 2015, 71, 553-560.	3.3	176
8	Detection of Pulmonary Infectious Pathogens From Lung Biopsy Tissues by Metagenomic Next-Generation Sequencing. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 205.	3.9	161
9	Molecular Evidence for Spread of Two Major Methicillin-Resistant <i>Staphylococcus aureus</i> Clones with a Unique Geographic Distribution in Chinese Hospitals. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 512-518.	3.2	148
10	Evolution of hypervirulence in carbapenem-resistant <i>Klebsiella pneumoniae</i> in China: a multicentre, molecular epidemiological analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 327-336.	3.0	148
11	From Theory to Practice: Translating Whole-Genome Sequencing (WGS) into the Clinic. <i>Trends in Microbiology</i> , 2018, 26, 1035-1048.	7.7	131
12	The first isolate of <i>Candida auris</i> in China: clinical and biological aspects. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-9.	6.5	126
13	Distribution of antibiotic resistance genes in the environment. <i>Environmental Pollution</i> , 2021, 285, 117402.	7.5	126
14	Rapid Change of Methicillin-Resistant <i>Staphylococcus aureus</i> Clones in a Chinese Tertiary Care Hospital over a 15-Year Period. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 1842-1847.	3.2	123
15	Filamentation in <i>Candida auris</i> , an emerging fungal pathogen of humans: passage through the mammalian body induces a heritable phenotypic switch. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-13.	6.5	105
16	Clinical Utility of In-house Metagenomic Next-generation Sequencing for the Diagnosis of Lower Respiratory Tract Infections and Analysis of the Host Immune Response. <i>Clinical Infectious Diseases</i> , 2020, 71, S416-S426.	5.8	98
17	The Changing Pattern of Population Structure of <i>Staphylococcus aureus</i> from Bacteremia in China from 2013 to 2016: ST239-030-MRSA Replaced by ST59-t437. <i>Frontiers in Microbiology</i> , 2018, 9, 332.	3.5	95
18	The transferability and evolution of NDM-1 and KPC-2 co-producing <i>Klebsiella pneumoniae</i> from clinical settings. <i>EBioMedicine</i> , 2020, 51, 102599.	6.1	87

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19	Increased Circulating Follicular Treg Cells Are Associated With Lower Levels of Autoantibodies in Patients With Rheumatoid Arthritis in Stable Remission. <i>Arthritis and Rheumatology</i> , 2018, 70, 711-721.	5.6	86
20	Population structure and characterisation of <i>Staphylococcus aureus</i> from bacteraemia at multiple hospitals in China: association between antimicrobial resistance, toxin genes and genotypes. <i>International Journal of Antimicrobial Agents</i> , 2013, 42, 211-219.	2.5	84
21	The prevalence of colistin resistance in <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> isolated from food animals in China: coexistence of <i>mcr-1</i> and <i>bla</i> NDM with low fitness cost. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 739-744.	2.5	76
22	Role of mobile genetic elements in the global dissemination of the carbapenem resistance gene <i>bla</i> NDM. <i>Nature Communications</i> , 2022, 13, 1131.	12.8	72
23	Increased circulating CD4+CXCR5+FoxP3+ follicular regulatory T cells correlated with severity of systemic lupus erythematosus patients. <i>International Immunopharmacology</i> , 2018, 56, 261-268.	3.8	69
24	Phenotypic and Genotypic Characterization of <i>Enterobacteriaceae</i> with Decreased Susceptibility to Carbapenems: Results from Large Hospital-Based Surveillance Studies in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 573-577.	3.2	68
25	Antimicrobial resistance trends among 5608 clinical Gram-positive isolates in China: results from the Gram-Positive Cocci Resistance Surveillance program (2005–2010). <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 73, 174-181.	1.8	65
26	Co-existence of a novel plasmid-mediated efflux pump with colistin resistance gene <i>mcr</i> in one plasmid confers transferable multidrug resistance in <i>Klebsiella pneumoniae</i> . <i>Emerging Microbes and Infections</i> , 2020, 9, 1102-1113.	6.5	65
27	An Outbreak of a Nosocomial NDM-1-Producing <i>Klebsiella pneumoniae</i> ST147 at a Teaching Hospital in Mainland China. <i>Microbial Drug Resistance</i> , 2014, 20, 144-149.	2.0	57
28	Linezolid-resistant clinical isolates of enterococci and <i>Staphylococcus cohnii</i> from a multicentre study in China: molecular epidemiology and resistance mechanisms. <i>International Journal of Antimicrobial Agents</i> , 2013, 42, 317-321.	2.5	56
29	Decreased Fitness and Virulence in ST10 <i>Escherichia coli</i> Harboring <i>bla</i> NDM-5 and <i>mcr-1</i> against a ST4981 Strain with <i>bla</i> NDM-5. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 242.	3.9	56
30	Molecular characteristics of carbapenemase-producing <i>Enterobacteriaceae</i> in China from 2008 to 2011: Predominance of KPC-2 enzyme. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 78, 63-65.	1.8	54
31	Emergence of <i>mcr-1</i> and carbapenemase genes in hospital sewage water in Beijing, China. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 84-87.	3.0	54
32	Genetic characterisation of clinical <i>Klebsiella pneumoniae</i> isolates with reduced susceptibility to tigecycline: Role of the global regulator RamA and its local repressor RamR. <i>International Journal of Antimicrobial Agents</i> , 2015, 45, 635-640.	2.5	52
33	Prevalence and Characterization of Heterogeneous Vancomycin-Intermediate <i>Staphylococcus aureus</i> Isolates from 14 Cities in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 3642-3649.	3.2	51
34	Novel NDM-9 metallo- β -lactamase identified from a ST107 <i>Klebsiella pneumoniae</i> strain isolated in China. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 90-91.	2.5	48
35	Molecular epidemiology of colistin-resistant <i>Enterobacteriaceae</i> in inpatient and avian isolates from China: high prevalence of <i>mcr</i> -negative <i>Klebsiella pneumoniae</i> . <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 536-541.	2.5	44
36	Antimicrobial susceptibility of bacterial pathogens associated with community-acquired respiratory tract infections in Asia: report from the Community-Acquired Respiratory Tract Infection Pathogen Surveillance (CARTIPS) study, 2009–2010. <i>International Journal of Antimicrobial Agents</i> , 2011, 38, 376-383.	2.5	41

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37	Drivers of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) lineage replacement in China. <i>Genome Medicine</i> , 2021, 13, 171.	8.2	32
38	Transcriptional profiling of the two-component regulatory system <i>VraSR</i> in <i>Staphylococcus aureus</i> with low-level vancomycin resistance. <i>International Journal of Antimicrobial Agents</i> , 2016, 47, 362-367.	2.5	30
39	Occurrence of High Levels of Cefiderocol Resistance in Carbapenem-Resistant <i>Escherichia coli</i> before Its Approval in China: a Report from China CRE-Network. <i>Microbiology Spectrum</i> , 2022, 10, e0267021.	3.0	30
40	Antimicrobial susceptibility of <i>Streptococcus pneumoniae</i> , <i>Haemophilus influenzae</i> and <i>Moraxella catarrhalis</i> isolated from community-acquired respiratory tract infections in China: Results from the CARTIPS Antimicrobial Surveillance Program. <i>Journal of Global Antimicrobial Resistance</i> , 2016, 5, 36-41.	2.2	27
41	Metagenomic next-generation sequencing to identify pathogens and cancer in lung biopsy tissue. <i>EBioMedicine</i> , 2021, 73, 103639.	6.1	26
42	Follicular regulatory T cells: a novel target for immunotherapy?. <i>Clinical and Translational Immunology</i> , 2020, 9, e1106.	3.8	24
43	Molecular characteristics of oxazolidinone resistance in enterococci from a multicenter study in China. <i>BMC Microbiology</i> , 2019, 19, 162.	3.3	23
44	In vitro antimicrobial activity of the novel oxazolidinone tedizolid and comparator agents against <i>Staphylococcus aureus</i> and linezolid-resistant Gram-positive pathogens: a multicentre study in China. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 276-277.	2.5	18
45	Emergence of Tigecycline Nonsusceptible and IMP-4 Carbapenemase-Producing K2-ST65 Hypervirulent <i>Klebsiella pneumoniae</i> in China. <i>Microbiology Spectrum</i> , 2021, 9, e0130521.	3.0	17
46	Fitness Cost of Daptomycin-Resistant <i>Staphylococcus aureus</i> Obtained from in Vitro Daptomycin Selection Pressure. <i>Frontiers in Microbiology</i> , 2017, 8, 2199.	3.5	16
47	Impact of individualized active surveillance of carbapenem-resistant enterobacteriaceae on the infection rate in intensive care units: a 3-year retrospective study in a teaching hospital of People's Republic of China. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 1407-1414.	2.7	16
48	In vitro activities of Eravacycline against 336 isolates collected from 2012 to 2016 from 11 teaching hospitals in China. <i>BMC Infectious Diseases</i> , 2019, 19, 508.	2.9	16
49	Identification of a Novel Hybrid Plasmid Encoding KPC-2 and Virulence Factors in <i>Klebsiella pneumoniae</i> Sequence Type 11. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	16
50	Evaluation of the Etest and disk diffusion method for detection of the activity of ceftazidime-avibactam against Enterobacterales and <i>Pseudomonas aeruginosa</i> in China. <i>BMC Microbiology</i> , 2020, 20, 187.	3.3	15
51	FDA Approved Drug Library Screening Identifies Robenidone as a Repositionable Antifungal. <i>Frontiers in Microbiology</i> , 2020, 11, 996.	3.5	13
52	Whole-Genome Analysis of Livestock-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> Sequence Type 398 Strains Isolated From Patients With Bacteremia in China. <i>Journal of Infectious Diseases</i> , 2020, 221, S220-S228.	4.0	13
53	Functional vulnerability of liver macrophages to capsules defines virulence of blood-borne bacteria. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	13
54	In vitro Synergistic Activity of Antimicrobial Combinations Against blaKPC and blaNDM-Producing Enterobacterales With blaIMP or mcr Genes. <i>Frontiers in Microbiology</i> , 2020, 11, 533209.	3.5	12

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55	Reduced ADAMTS-13 level negatively correlates with inflammation factors in plasma of acute myeloid leukemia patients. <i>Leukemia Research</i> , 2017, 53, 57-64.	0.8	11
56	In vitro activity of cefditoren and other comparators against <i>Streptococcus pneumoniae</i> , <i>Haemophilus influenzae</i> , and <i>Moraxella catarrhalis</i> causing community-acquired respiratory tract infections in China. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 73, 187-191.	1.8	10
57	Daptomycin resistance in methicillin-resistant <i>Staphylococcus aureus</i> is conferred by IS256 insertion in the promoter of <i>mprF</i> along with mutations in <i>mprF</i> and <i>walK</i> . <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 673-680.	2.5	10
58	A retrospective study on the combined biomarkers and ratios in serum and pleural fluid to distinguish the multiple types of pleural effusion. <i>BMC Pulmonary Medicine</i> , 2021, 21, 95.	2.0	10
59	A retrospective study on Xpert MTB/RIF for detection of tuberculosis in a teaching hospital in China. <i>BMC Infectious Diseases</i> , 2020, 20, 362.	2.9	10
60	Identification of multiple transfer units and novel subtypes of <i>tmexCD-toprj</i> gene clusters in clinical carbapenem-resistant <i>Enterobacter cloacae</i> and <i>Klebsiella oxytoca</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 625-632.	3.0	8
61	Genomic and Phenotypic Evolution of Tigecycline-Resistant <i>Acinetobacter baumannii</i> in Critically Ill Patients. <i>Microbiology Spectrum</i> , 2022, 10, e0159321.	3.0	7
62	Decreased ADAMTS-13 level is related to inflammation factors and risk stratification of acute lymphoblastic leukemia patients. <i>Medicine (United States)</i> , 2017, 96, e6136.	1.0	6
63	Comparative evaluation of tigecycline susceptibility testing methods for <i>Acinetobacter baumannii</i> and <i>Enterobacteriaceae</i> . <i>Journal of Global Antimicrobial Resistance</i> , 2015, 3, 75-79.	2.2	4
64	Evaluation of three automated <i>Treponema pallidum</i> antibody assays for syphilis screening. <i>Journal of Infection and Chemotherapy</i> , 2018, 24, 887-891.	1.7	4
65	ADAMTS-13 activity reduction in plasma of acute myeloid leukemia predicts poor prognosis after bone marrow transplantation. <i>Hematology</i> , 2019, 24, 129-133.	1.5	3