

Guo-Bao Tian

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,197
citations

279798

23
h-index

243625

44
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54
all docs

54
docs citations

54
times ranked

2699
citing authors

#	ARTICLE	IF	CITATIONS
1	Colistin and its role in the Era of antibiotic resistance: an extended review (2000–2019). <i>Emerging Microbes and Infections</i> , 2020, 9, 868-885.	6.5	349
2	Prevalence, risk factors, outcomes, and molecular epidemiology of <i>mcr-1</i> -positive Enterobacteriaceae in patients and healthy adults from China: an epidemiological and clinical study. <i>Lancet Infectious Diseases</i> , 2017, 17, 390-399.	9.1	298
3	Dissemination and Mechanism for the MCR-1 Colistin Resistance. <i>PLoS Pathogens</i> , 2016, 12, e1005957.	4.7	205
4	Molecular Epidemiology of CTX-M-Producing <i>Escherichia coli</i> Isolates at a Tertiary Medical Center in Western Pennsylvania. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 4733-4739.	3.2	116
5	Emergence of the Plasmid-Mediated <i>mcr-1</i> Gene in Colistin-Resistant <i>Enterobacter aerogenes</i> and <i>Enterobacter cloacae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3862-3863.	3.2	92
6	Dynamics of <i>mcr-1</i> prevalence and <i>mcr-1</i> -positive <i>Escherichia coli</i> after the cessation of colistin use as a feed additive for animals in China: a prospective cross-sectional and whole genome sequencing-based molecular epidemiological study. <i>Lancet Microbe</i> , 2020, 1, e34-e43.	7.3	85
7	High Rates of Human Fecal Carriage of <i>mcr-1</i> -Positive Multidrug-Resistant Enterobacteriaceae Emerge in China in Association With Successful Plasmid Families. <i>Clinical Infectious Diseases</i> , 2018, 66, 676-685.	5.8	68
8	Extended-Spectrum AmpC Cephalosporinase in <i>Acinetobacter baumannii</i> : ADC-56 Confers Resistance to Cefepime. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4922-4925.	3.2	66
9	Spread of MCR-3 Colistin Resistance in China: An Epidemiological, Genomic and Mechanistic Study. <i>EBioMedicine</i> , 2018, 34, 139-157.	6.1	61
10	Heterogeneous and Flexible Transmission of <i>mcr-1</i> in Hospital-Associated <i>Escherichia coli</i> . <i>MBio</i> , 2018, 9, .	4.1	54
11	MCR-1-producing <i>Klebsiella pneumoniae</i> outbreak in China. <i>Lancet Infectious Diseases</i> , 2017, 17, 577.	9.1	45
12	Identification of a Novel Plasmid Carrying <i>mcr-4.3</i> in an <i>Acinetobacter baumannii</i> Strain in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	45
13	Plasmid-mediated colistin resistance gene <i>mcr-1</i> in <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> isolated from market retail fruits in Guangzhou, China. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 385-389.	2.7	42
14	Detection of clinically important β -lactamases in commensal <i>Escherichia coli</i> of human and swine origin in western China. <i>Journal of Medical Microbiology</i> , 2012, 61, 233-238.	1.8	41
15	OprD mutations and inactivation in imipenem-resistant <i>Pseudomonas aeruginosa</i> isolates from China. <i>Infection, Genetics and Evolution</i> , 2014, 21, 124-128.	2.3	40
16	Identification of Diverse OXA-40 Group Carbapenemases, Including a Novel Variant, OXA-160, from <i>Acinetobacter baumannii</i> in Pennsylvania. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 429-432.	3.2	38
17	CTX-M-137, a hybrid of CTX-M-14-like and CTX-M-15-like β -lactamases identified in an <i>Escherichia coli</i> clinical isolate. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2081-2085.	3.0	35
18	Coproduction of MCR-1 and NDM-1 by Colistin-Resistant <i>Escherichia coli</i> Isolated from a Healthy Individual. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	35

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19	<p>Antimicrobial resistance, virulence genes profiling and molecular relatedness of methicillin-resistant Staphylococcus aureus strains isolated from hospitalized patients in Guangdong Province, China</p>. Infection and Drug Resistance, 2019, Volume 12, 447-459.	2.7	34
20	Diverse Secondary Metabolites from the Marine-Derived Fungus <i>Dichotomomyces cejpai</i> F31-1. Marine Drugs, 2017, 15, 339.	4.6	33
21	Transmission of <i>mcr-1</i>-Producing Multidrug-resistant Enterobacteriaceae in Public Transportation in Guangzhou, China. Clinical Infectious Diseases, 2018, 67, S217-S224.	5.8	33
22	Emergence of Hypervirulent Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Co-harboring a <i>bla</i>-_{NDM-1}-Carrying Virulent Plasmid and a <i>bla</i>-_{KPC-2}-Carrying Plasmid in an Egyptian Hospital. MSphere, 2021, 6, .	2.9	31
23	Molecular characterization of carbapenem-resistant and virulent plasmids in <i>Klebsiella pneumoniae</i> from patients with bloodstream infections in China. Emerging Microbes and Infections, 2021, 10, 700-709.	6.5	31
24	<p>Multiplex loop-mediated isothermal amplification (multi-LAMP) assay for rapid detection of mcr-1 to mcr-5 in colistin-resistant bacteria</p>. Infection and Drug Resistance, 2019, Volume 12, 1877-1887.	2.7	30
25	<p>Co-Occurrence of mcr-9 and bla-<sub>NDM-1</sub> in Enterobacter cloacae Isolated from a Patient with Bloodstream Infection</p>. Infection and Drug Resistance, 2020, Volume 13, 1397-1402.	2.7	25
26	PME-1, an Extended-Spectrum $\hat{2}$ -Lactamase Identified in <i>Pseudomonas aeruginosa</i> . Antimicrobial Agents and Chemotherapy, 2011, 55, 2710-2713.	3.2	24
27	Expression level is a major modifier of the fitness landscape of a protein coding gene. Nature Ecology and Evolution, 2022, 6, 103-115.	7.8	24
28	Outbreak of PER-1 and diversity of $\hat{2}$ -lactamases among ceftazidime-resistant <i>Pseudomonas aeruginosa</i> clinical isolates. Journal of Medical Microbiology, 2014, 63, 386-392.	1.8	21
29	NDM-1-Producing <i>Citrobacter freundii</i> , <i>Escherichia coli</i> , and <i>Acinetobacter baumannii</i> Identified from a Single Patient in China. Antimicrobial Agents and Chemotherapy, 2015, 59, 5073-5077.	3.2	20
30	CTX-M as the predominant extended-spectrum \hat{A} -lactamases among Enterobacteriaceae in Manila, Philippines. Journal of Antimicrobial Chemotherapy, 2010, 65, 584-586.	3.0	18
31	Co-production of MCR-1 and NDM-5 in Escherichia coli isolated from a colonization case of inpatient. Infection and Drug Resistance, 2018, Volume 11, 1157-1161.	2.7	15
32	MCR-1-dependent lipid remodelling compromises the viability of Gram-negative bacteria. Emerging Microbes and Infections, 2022, 11, 1236-1249.	6.5	14
33	Involvement of Transcription Elongation Factor GreA in <i>Mycobacterium</i> Viability, Antibiotic Susceptibility, and Intracellular Fitness. Frontiers in Microbiology, 2020, 11, 413.	3.5	13
34	Characterization of a Plasmid-Encoded Resistance-Nodulation-Division Efflux Pump in <i>Klebsiella pneumoniae</i> and <i>Klebsiella quasipneumoniae</i> from Patients in China. Antimicrobial Agents and Chemotherapy, 2021, 65, .	3.2	12
35	Genomic patterns and characterizations of chromosomally-encoded mcr-1 in <i>Escherichia coli</i> populations. Gut Pathogens, 2020, 12, 55.	3.4	10
36	Prevalence of <i>mcr-1</i> in Colonized Inpatients, China, 2011–2019. Emerging Infectious Diseases, 2021, 27, 2502-2504.	4.3	10

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37	Carriage of distinct blaKPC-2 and blaOXA-48 plasmids in a single ST11 hypervirulent <i>Klebsiella pneumoniae</i> isolate in Egypt. <i>BMC Genomics</i> , 2022, 23, 20.	2.8	10
38	Prevalence, genomic characteristics, and transmission dynamics of mcr-1-positive <i>Salmonella enterica</i> Typhimurium from patients with infectious diarrhea. <i>International Journal of Medical Microbiology</i> , 2021, 311, 151501.	3.6	8
39	Whole-Genome Sequencing Reveals the High Nosocomial Transmission and Antimicrobial Resistance of <i>Clostridioides difficile</i> in a Single Center in China, a Four-Year Retrospective Study. <i>Microbiology Spectrum</i> , 2022, 10, e0132221.	3.0	8
40	Identification of Plasmid-Mediated Tigecycline-Resistant Gene <i>tet(X4)</i> in <i>Enterobacter cloacae</i> from Pigs in China. <i>Microbiology Spectrum</i> , 2022, 10, e0206421.	3.0	8
41	Carriage of β -lactamase-producing Enterobacteriaceae by Chinese travellers. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 138-139.	9.1	7
42	Rapid Fulminant Progression and Mortality Secondary to <i>Aeromonas dhakensis</i> Septicemia with Hepatitis B Virus Infection Following the Ingestion of Snakehead Fish in Mainland China: A Case Report. <i>Foodborne Pathogens and Disease</i> , 2020, 17, 743-749.	1.8	7
43	<i>Mycobacterium</i> PPE31 Contributes to Host Cell Death. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 629836.	3.9	6
44	Comparative genomic analyses of Polymyxin-resistant Enterobacteriaceae strains from China. <i>BMC Genomics</i> , 2022, 23, 88.	2.8	6
45	The Emergence of a Multidrug-Resistant and Pathogenic ST42 Lineage of <i>Staphylococcus haemolyticus</i> from a Hospital in China. <i>Microbiology Spectrum</i> , 2022, 10, e0234221.	3.0	6
46	Characterization of CTX-M-140, a Variant of CTX-M-14 Extended-Spectrum β -Lactamase with Decreased Cephalosporin Hydrolytic Activity, from Cephalosporin-Resistant <i>Proteus mirabilis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6121-6126.	3.2	5
47	The Involvement of <i>Mycobacterium</i> Type III-A CRISPR-Cas System in Oxidative Stress. <i>Frontiers in Microbiology</i> , 2021, 12, 774492.	3.5	4
48	Prediction of Antibiotic Resistance Evolution by Growth Measurement of All Proximal Mutants of Beta-Lactamase. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	3
49	A CRISPR-guided mutagenic DNA polymerase strategy for the detection of antibiotic-resistant mutations in <i>M. tuberculosis</i> . <i>Molecular Therapy - Nucleic Acids</i> , 2022, 29, 354-367.	5.1	3
50	Single-Fluorescence ATP Sensor Based on Fluorescence Resonance Energy Transfer Reveals Role of Antibiotic-Induced ATP Perturbation in <i>Mycobacterial</i> Killing. <i>MSystems</i> , 2022, 7, .	3.8	1
51	Pathogenicity of mcr-1-positive <i>Escherichia coli</i> from human infections. <i>Lancet Microbe</i> , The, 2020, 1, e195.	7.3	0