

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
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243625

44
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54
all docs

54
docs citations

54
times ranked

2699
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression level is a major modifier of the fitness landscape of a protein coding gene. <i>Nature Ecology and Evolution</i> , 2022, 6, 103-115.	7.8	24
2	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
3	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
4	Comparative genomic analyses of Polymyxin-resistant Enterobacteriaceae strains from China. <i>BMC Genomics</i> , 2022, 23, 88.	2.8	6
5	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
6	MCR-1-dependent lipid remodelling compromises the viability of Gram-negative bacteria. <i>Emerging Microbes and Infections</i> , 2022, 11, 1236-1249.	6.5	14
7	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
8	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
9	Single-Fluorescence ATP Sensor Based on Fluorescence Resonance Energy Transfer Reveals Role of Antibiotic-Induced ATP Perturbation in Mycobacterial Killing. <i>MSystems</i> , 2022, 7, .	3.8	1
10	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
11	Characterization of a Plasmid-Encoded Resistance-Nodulation-Division Efflux Pump in <i>Klebsiella pneumoniae</i> and <i>Klebsiella quasipneumoniae</i> from Patients in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	12
12	<i>Mycobacterium</i> PPE31 Contributes to Host Cell Death. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 629836.	3.9	6
13	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
14	Emergence of Hypervirulent Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Coharboring a bla _{NDM-1} -Carrying Virulent Plasmid and a bla _{KPC-2} -Carrying Plasmid in an Egyptian Hospital. <i>MSphere</i> , 2021, 6, .	2.9	31
15	Prevalence of mcr-1 in Colonized Inpatients, China, 2011–2019. <i>Emerging Infectious Diseases</i> , 2021, 27, 2502-2504.	4.3	10
16	Molecular characterization of carbapenem-resistant and virulent plasmids in <i>Klebsiella pneumoniae</i> from patients with bloodstream infections in China. <i>Emerging Microbes and Infections</i> , 2021, 10, 700-709.	6.5	31
17	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
18	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

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19	Genomic patterns and characterizations of chromosomally-encoded mcr-1 in Escherichia coli populations. Gut Pathogens, 2020, 12, 55.	3.4	10
20	Pathogenicity of mcr-1-positive Escherichia coli from human infections. Lancet Microbe, The, 2020, 1, e195.	7.3	0
21	Dynamics of mcr-1 prevalence and mcr-1-positive Escherichia coli 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. Lancet Microbe, The, 2020, 1, e34-e43.	7.3	85
22	Involvement of Transcription Elongation Factor GreA in Mycobacterium Viability, Antibiotic Susceptibility, and Intracellular Fitness. Frontiers in Microbiology, 2020, 11, 413.	3.5	13
23	Colistin and its role in the Era of antibiotic resistance: an extended review (2000â€“2019). Emerging Microbes and Infections, 2020, 9, 868-885.	6.5	349
24	<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
25	<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
26	<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
27	Identification of a Novel Plasmid Carrying <i>mcr-4.3</i> in an <i>Acinetobacter baumannii</i> Strain in China. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	45
28	<p>Plasmid-mediated colistin resistance gene mcr-1 in Escherichia coli and Klebsiella pneumoniae isolated from market retail fruits in Guangzhou, China</p>. Infection and Drug Resistance, 2019, Volume 12, 385-389.	2.7	42
29	High Rates of Human Fecal Carriage of mcr-1â€“Positive Multidrug-Resistant Enterobacteriaceae Emerge in China in Association With Successful Plasmid Families. Clinical Infectious Diseases, 2018, 66, 676-685.	5.8	68
30	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
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	Spread of MCR-3 Colistin Resistance in China: An Epidemiological, Genomic and Mechanistic Study. EBioMedicine, 2018, 34, 139-157.	6.1	61
33	Heterogeneous and Flexible Transmission of <i>mcr-1</i> in Hospital-Associated Escherichia coli. MBio, 2018, 9, .	4.1	54
34	Carriage of Î²-lactamase-producing Enterobacteriaceae by Chinese travellers. Lancet Infectious Diseases, The, 2017, 17, 138-139.	9.1	7
35	Prevalence, risk factors, outcomes, and molecular epidemiology of mcr-1 -positive Enterobacteriaceae in patients and healthy adults from China: an epidemiological and clinical study. Lancet Infectious Diseases, The, 2017, 17, 390-399.	9.1	298
36	MCR-1-producing Klebsiella pneumoniae outbreak in China. Lancet Infectious Diseases, The, 2017, 17, 577.	9.1	45

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37	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
38	Diverse Secondary Metabolites from the Marine-Derived Fungus <i>Dichotomomyces cejpaii</i> F31-1. <i>Marine Drugs</i> , 2017, 15, 339.	4.6	33
39	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
40	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
41	Dissemination and Mechanism for the MCR-1 Colistin Resistance. <i>PLoS Pathogens</i> , 2016, 12, e1005957.	4.7	205
42	NDM-1-Producing <i>Citrobacter freundii</i> , <i>Escherichia coli</i> , and <i>Acinetobacter baumannii</i> Identified from a Single Patient in China. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5073-5077.	3.2	20
43	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
44	Outbreak of PER-1 and diversity of β -lactamases among ceftazidime-resistant <i>Pseudomonas aeruginosa</i> clinical isolates. <i>Journal of Medical Microbiology</i> , 2014, 63, 386-392.	1.8	21
45	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
46	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
47	PME-1, an Extended-Spectrum β -Lactamase Identified in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2710-2713.	3.2	24
48	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
49	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
50	CTX-M as the predominant extended-spectrum β -lactamases among Enterobacteriaceae in Manila, Philippines. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 584-586.	3.0	18
51	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