

Longzhu Cui

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

7,652
citations

172457

29
h-index

123424

61
g-index

71
all docs

71
docs citations

71
times ranked

5915
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole genome sequencing of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Lancet, The</i> , 2001, 357, 1225-1240.	13.7	1,835
2	Genome and virulence determinants of high virulence community-acquired MRSA. <i>Lancet, The</i> , 2002, 359, 1819-1827.	13.7	1,223
3	The emergence and evolution of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Trends in Microbiology</i> , 2001, 9, 486-493.	7.7	655
4	Cell Wall Thickening Is a Common Feature of Vancomycin Resistance in <i>Staphylococcus aureus</i> . <i>Journal of Clinical Microbiology</i> , 2003, 41, 5-14.	3.9	428
5	Correlation between Reduced Daptomycin Susceptibility and Vancomycin Resistance in Vancomycin-Intermediate <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 1079-1082.	3.2	400
6	Whole-Genome Sequencing of <i>Staphylococcus haemolyticus</i> Uncovers the Extreme Plasticity of Its Genome and the Evolution of Human-Colonizing Staphylococcal Species. <i>Journal of Bacteriology</i> , 2005, 187, 7292-7308.	2.2	306
7	Contribution of a Thickened Cell Wall and Its Glutamine Nonamidated Component to the Vancomycin Resistance Expressed by <i>Staphylococcus aureus</i> Mu50. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 2276-2285.	3.2	280
8	Novel Mechanism of Antibiotic Resistance Originating in Vancomycin-Intermediate <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 428-438.	3.2	213
9	An RpoB Mutation Confers Dual Heteroresistance to Daptomycin and Vancomycin in <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 5222-5233.	3.2	188
10	DNA Microarray-Based Identification of Genes Associated with Glycopeptide Resistance in <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 3404-3413.	3.2	150
11	Mutated Response Regulator graR Is Responsible for Phenotypic Conversion of <i>Staphylococcus aureus</i> from Heterogeneous Vancomycin-Intermediate Resistance to Vancomycin-Intermediate Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 45-53.	3.2	147
12	<i>walK</i> and <i>clpP</i> Mutations Confer Reduced Vancomycin Susceptibility in <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3870-3881.	3.2	138
13	Contribution of <i>vraSR</i> and <i>graSR</i> Point Mutations to Vancomycin Resistance in Vancomycin-Intermediate <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 1231-1234.	3.2	122
14	Impact of rpoB Mutations on Reduced Vancomycin Susceptibility in <i>Staphylococcus aureus</i> . <i>Journal of Clinical Microbiology</i> , 2011, 49, 2680-2684.	3.9	110
15	Development of CRISPR-Cas13a-based antimicrobials capable of sequence-specific killing of target bacteria. <i>Nature Communications</i> , 2020, 11, 2934.	12.8	110
16	Serial Daptomycin Selection Generates Daptomycin-Nonsusceptible <i>Staphylococcus aureus</i> Strains with a Heterogeneous Vancomycin-Intermediate Phenotype. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 4289-4299.	3.2	109
17	Subinhibitory concentrations of β -lactam induce haemolytic activity in <i>Staphylococcus aureus</i> through the SaeRS two-component system. <i>FEMS Microbiology Letters</i> , 2007, 268, 98-105.	1.8	104
18	Mutation of RNA Polymerase β Subunit (<i>rpoB</i>) Promotes hVISA-to-VISA Phenotypic Conversion of Strain Mu3. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4188-4195.	3.2	91

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19	Isolation in Brazil of Nosocomial <i>Staphylococcus aureus</i> With Reduced Susceptibility to Vancomycin. <i>Infection Control and Hospital Epidemiology</i> , 2001, 22, 443-448.	1.8	89
20	Extreme Genetic Diversity of Methicillin-Resistant <i>Staphylococcus epidermidis</i> Strains Disseminated among Healthy Japanese Children. <i>Journal of Clinical Microbiology</i> , 2008, 46, 3778-3783.	3.9	85
21	Coordinated phenotype switching with large-scale chromosome flip-flop inversion observed in bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1647-56.	7.1	69
22	Antibacterial activity of 2,4-diacetylphloroglucinol produced by <i>Pseudomonas</i> sp. AMSN isolated from a marine alga, against vancomycin-resistant <i>Staphylococcus aureus</i> . <i>International Journal of Antimicrobial Agents</i> , 2003, 22, 545-547.	2.5	68
23	Impact of reduced vancomycin susceptibility on the therapeutic outcome of MRSA bloodstream infections. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2007, 6, 13.	3.8	63
24	Selection of Heterogeneous Vancomycin-Intermediate <i>Staphylococcus aureus</i> by Imipenem. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 3190-3196.	3.2	56
25	Comprehensive Identification of Mutations Responsible for Heterogeneous Vancomycin-Intermediate <i>Staphylococcus aureus</i> (hVISA)-to-VISA Conversion in Laboratory-Generated VISA Strains Derived from hVISA Clinical Strain Mu3. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 5843-5853.	3.2	54
26	Mutation of RNA Polymerase β -Subunit Gene Promotes Heterogeneous-to-Homogeneous Conversion of β -Lactam Resistance in Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4861-4871.	3.2	40
27	Association of <i>mprF</i> mutations with cross-resistance to daptomycin and vancomycin in methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Scientific Reports</i> , 2020, 10, 16107.	3.3	40
28	Complete genome sequencing of three human clinical isolates of <i>Staphylococcus caprae</i> reveals virulence factors similar to those of <i>S. epidermidis</i> and <i>S. capitis</i> . <i>BMC Genomics</i> , 2018, 19, 810.	2.8	36
29	Combination Effect of Vancomycin and β -Lactams against a <i>Staphylococcus aureus</i> Strain, Mu3, with Heterogeneous Resistance to Vancomycin. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 1292-1294.	3.2	35
30	"Slow VISA," a Novel Phenotype of Vancomycin Resistance, Found In Vitro in Heterogeneous Vancomycin-Intermediate <i>Staphylococcus aureus</i> Strain Mu3. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5024-5035.	3.2	32
31	Antibiotic susceptibility survey of blood-borne MRSA isolates in Japan from 2008 through 2011. <i>Journal of Infection and Chemotherapy</i> , 2014, 20, 527-534.	1.7	30
32	Automated amplification-free digital RNA detection platform for rapid and sensitive SARS-CoV-2 diagnosis. <i>Communications Biology</i> , 2022, 5, .	4.4	28
33	Probiotics Prevents Sensitization to Oral Antigen and Subsequent Increases in Intestinal Tight Junction Permeability in Juvenile "Young Adult Rats. <i>Microorganisms</i> , 2019, 7, 463.	3.6	26
34	Composition and Diversity of CRISPR-Cas13a Systems in the Genus <i>Leptotrichia</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2838.	3.5	25
35	Identification and characterization of mutations responsible for the β -lactam resistance in oxacillin-susceptible <i>mecA</i> -positive <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2020, 10, 16907.	3.3	24
36	Physiological and molecular analysis of a <i>mecA</i> -negative <i>Staphylococcus aureus</i> clinical strain that expresses heterogeneous methicillin resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 51, 247-255.	3.0	23

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37	Activated ADI pathway: the initiator of intermediate vancomycin resistance in <i>Staphylococcus aureus</i> . Canadian Journal of Microbiology, 2017, 63, 260-264.	1.7	17
38	Bacteriophage Technology and Modern Medicine. Antibiotics, 2021, 10, 999.	3.7	17
39	Bacteriophages as Solid Tumor Theragnostic Agents. International Journal of Molecular Sciences, 2022, 23, 402.	4.1	17
40	Analysis host-recognition mechanism of staphylococcal kayvirus ÉSA039 reveals a novel strategy that protects <i>Staphylococcus aureus</i> against infection by <i>Staphylococcus pseudintermedius</i> Siphoviridae phages. Applied Microbiology and Biotechnology, 2019, 103, 6809-6823.	3.6	16
41	Has vancomycin-resistant <i>Staphylococcus aureus</i> started going it alone?. Lancet, The, 2004, 364, 565-566.	13.7	14
42	Improved Antimicrobial Activity of Linezolid against Vancomycin-Intermediate <i>Staphylococcus aureus</i> . Antimicrobial Agents and Chemotherapy, 2008, 52, 4207-4208.	3.2	13
43	Complete Genome Sequence of <i>Streptococcus pyogenes</i> Strain JMUB1235 Isolated from an Acute Phlegmonous Gastritis Patient. Genome Announcements, 2016, 4, .	0.8	13
44	Persistent bacteraemia due to methicillin-resistant <i>Staphylococcus aureus</i> with reduced susceptibility to vancomycin in a patient with erythrodermic psoriasis. Scandinavian Journal of Infectious Diseases, 2007, 39, 457-460.	1.5	11
45	Immunochromatographic Detection of the Group B <i>Streptococcus</i> Antigen from Enrichment Cultures. Vaccine Journal, 2013, 20, 1381-1387.	3.1	10
46	Development and validation of microarray-based assay for epidemiological study of MRSA. Molecular and Cellular Probes, 2008, 22, 1-13.	2.1	9
47	Role of CRISPR-Cas system on antibiotic resistance patterns of <i>Enterococcus faecalis</i> . Annals of Clinical Microbiology and Antimicrobials, 2021, 20, 49.	3.8	9
48	Optimized universal protocol for electroporation of both coagulase-positive and -negative <i>Staphylococci</i> . Journal of Microbiological Methods, 2018, 146, 25-32.	1.6	8
49	Characterization of compensatory mutations associated with restoration of daptomycin-susceptibility in daptomycin non-susceptible methicillin-resistant <i>Staphylococcus aureus</i> and the role <i>mprF</i> mutations. Journal of Infection and Chemotherapy, 2019, 25, 1-5.	1.7	8
50	Association between length of residence and prevalence of MRSA colonization among residents in geriatric long-term care facilities. BMC Geriatrics, 2020, 20, 481.	2.7	7
51	Post-surgical meningitis caused by <i>Klebsiella varicola</i> . IDCases, 2019, 18, e00622.	0.9	6
52	Comparative Analysis of Bacterial Communities in <i>Lutzomyia ayacuchensis</i> Populations with Different Vector Competence to <i>Leishmania</i> Parasites in Ecuador and Peru. Microorganisms, 2021, 9, 68.	3.6	5
53	Induction of Mucosal Humoral Immunity by Subcutaneous Injection of an Oil-emulsion Vaccine against <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Enteritidis in Chickens. Food Safety (Tokyo, Tj ETQq1 1 0.384314 ngBT /Over		
54	Inhibitory effects of ultrasound irradiation on <i>Staphylococcus epidermidis</i> biofilm. Journal of Medical Ultrasonics (2001), 2021, 48, 439-448.	1.3	3

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55	Fatal Fulminant Pneumonia Caused by Methicillin-Sensitive <i>Staphylococcus aureus</i> Negative for Major High-Virulence Factors Following Influenza B Virus Infection. <i>American Journal of Case Reports</i> , 2015, 16, 454-458.	0.8	3
56	Interspecies Regulation Between <i>Staphylococcus caprae</i> and <i>Staphylococcus aureus</i> Colonized on Healed Skin After Injury. <i>Frontiers in Microbiology</i> , 2022, 13, 818398.	3.5	3
57	Complete Genome Sequence of the Methicillin-Resistant <i>Staphylococcus aureus</i> Strain JMUB3031, Isolated from a Patient with Fatal Community-Acquired Pneumonia. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
58	Prolonged carriage of ESBL-producing enterobacterales and potential cross-transmission among residents in geriatric long-term care facilities. <i>Scientific Reports</i> , 2021, 11, 21607.	3.3	2
59	Oxidative stress resistance and fitness-compensatory response in vancomycin-intermediate <i>Staphylococcus aureus</i> (VISA). <i>Canadian Journal of Microbiology</i> , 2019, 65, 623-628.	1.7	1
60	Distribution of Extended-Spectrum β -Lactamase Genes and Antimicrobial Susceptibility among Residents in Geriatric Long-Term Care Facilities in Japan. <i>Antibiotics</i> , 2022, 11, 36.	3.7	1
61	Complete Genome Sequence of a Panton-Valentine Leukocidin-Negative <i>Staphylococcus aureus</i> Strain Isolated from a Patient with Pervasive Necrotizing Soft Tissue Infection. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	0
62	Complete Genome Sequencing of <i>Mycobacterium heckeshornense</i> Strain JMUB5695, Isolated from Necrotizing Granulomatous Lesions. <i>Microbiology Resource Announcements</i> , 2021, 10, e0014121.	0.6	0
63	Influenza Outbreak and a Group Meal in a Geriatric Long-term Care Facility in Japan. <i>Biocontrol Science</i> , 2021, 26, 207-210.	0.8	0
64	The Association Between Onset of Staphylococcal Non-menstrual Toxic Shock Syndrome With Inducibility of Toxic Shock Syndrome Toxin-1 Production. <i>Frontiers in Microbiology</i> , 2022, 13, 765317.	3.5	0