

Chao Qi

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

4,311
citations

257101

24
h-index

149479

56
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69
all docs

69
docs citations

69
times ranked

7640
citing authors

#	ARTICLE	IF	CITATIONS
1	Decreasing incidence of <i>Acinetobacter baumannii</i> pneumonia and trends in antibiotic consumption: A single-center retrospective observational study. <i>Infection Control and Hospital Epidemiology</i> , 2022, 43, 1155-1161.	1.0	1
2	Highly sensitive and ultra-rapid antigen-based detection of SARS-CoV-2 using nanomechanical sensor platform. <i>Biosensors and Bioelectronics</i> , 2022, 195, 113647.	5.3	34
3	Impact of early antimicrobial stewardship intervention in patients with positive blood cultures: results from a randomized comparative study. <i>International Journal of Antimicrobial Agents</i> , 2022, 59, 106490.	1.1	2
4	Longitudinal Analysis of SARS-CoV-2 Vaccine Breakthrough Infections Reveals Limited Infectious Virus Shedding and Restricted Tissue Distribution. <i>Open Forum Infectious Diseases</i> , 2022, 9, .	0.4	36
5	Multicenter Evaluation of the Unyvero Platform for Testing Bronchoalveolar Lavage Fluid. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	32
6	Association between a rapid diagnostic test to detect methicillin-resistant <i>Staphylococcus Aureus</i> pneumonia and decreased vancomycin use in a medical intensive care unit over a 30-month period. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 1385-1387.	1.0	8
7	Genetic Evaluation of Nosocomial <i>Candida auris</i> Transmission. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	8
8	Characterizing Risk Factors for <i>Clostridioides difficile</i> Infection among Hospitalized Patients with Community-Acquired Pneumonia. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0041721.	1.4	5
9	The value of repeat patient testing for SARS-CoV-2: real-world experience during the first wave. <i>Access Microbiology</i> , 2021, 3, 000239.	0.2	0
10	Bacterial Superinfection Pneumonia in Patients Mechanically Ventilated for COVID-19 Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 921-932.	2.5	108
11	Diagnostic performance of Ion 16S metagenomics kit and Ion reporter metagenomics workflow for bacterial pathogen detection in culture-negative clinical specimens from sterile sources. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 101, 115451.	0.8	3
12	Circuits between infected macrophages and T cells in SARS-CoV-2 pneumonia. <i>Nature</i> , 2021, 590, 635-641.	13.7	524
13	Molecular detection, not extended culture incubation, contributes to diagnosis of fungal infection. <i>BMC Infectious Diseases</i> , 2021, 21, 1159.	1.3	8
14	Long-term Persistence of an Extensively Drug-Resistant Subclade of Globally Distributed <i>Pseudomonas aeruginosa</i> Clonal Complex 446 in an Academic Medical Center. <i>Clinical Infectious Diseases</i> , 2020, 71, 1524-1531.	2.9	20
15	Risk stratification of hospitalized COVID-19 patients through comparative studies of laboratory results with influenza. <i>EClinicalMedicine</i> , 2020, 26, 100475.	3.2	36
16	Type II Natural Killer T Cells Contribute to Protection Against Systemic Methicillin-Resistant <i>Staphylococcus aureus</i> Infection. <i>Frontiers in Immunology</i> , 2020, 11, 610010.	2.2	8
17	A clade of SARS-CoV-2 viruses associated with lower viral loads in patient upper airways. <i>EBioMedicine</i> , 2020, 62, 103112.	2.7	77
18	A multiplex polymerase chain reaction assay for antibiotic stewardship in suspected pneumonia. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 98, 115179.	0.8	25

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19	The intersection of hand hygiene, infusion pump contamination, and high alarm volume in the health care environment. <i>American Journal of Infection Control</i> , 2020, 48, 1311-1314.	1.1	2
20	Development of a protocol for detection of SARS-CoV-2 in sputum and endotracheal aspirates using Cepheid Xpert Xpress SARS-CoV-2. <i>Access Microbiology</i> , 2020, 2, acmi000176.	0.2	2
21	Optimizing a real-time PCR assay for rapid detection of <i>Candida auris</i> in nasal and axillary/groin samples. <i>Journal of Medical Microbiology</i> , 2020, 69, 824-829.	0.7	7
22	803. Risk factors associated with <i>Clostridioides difficile</i> infection in hospitalized patients with community-acquired pneumonia. <i>Open Forum Infectious Diseases</i> , 2020, 7, S445-S445.	0.4	0
23	864. Whole Genome Sequencing is Unable to Track <i>Candida auris</i> Transmission. <i>Open Forum Infectious Diseases</i> , 2020, 7, S470-S471.	0.4	0
24	584. Ventricular assist device infections with <i>Pseudomonas aeruginosa</i> . <i>Open Forum Infectious Diseases</i> , 2020, 7, S356-S356.	0.4	0
25	Rapid Detection of Methicillin-Resistant <i>Staphylococcus aureus</i> in BAL. <i>Chest</i> , 2019, 155, 999-1007.	0.4	50
26	Diagnostic stewardship of <i>C. difficile</i> testing: a quasi-experimental antimicrobial stewardship study. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 269-275.	1.0	30
27	2181. Yield and Impact of Molecular Diagnostics for Pathogen Detection in Pediatric Patients: 16/18S rRNA PCR and Noninvasive Assays. <i>Open Forum Infectious Diseases</i> , 2019, 6, S740-S741.	0.4	0
28	2010. A Significant Reduction in Empiric Vancomycin Days of Therapy for Suspected MRSA Pneumonia in Adult Non-ICU Patients After Implementation of a Rapid MRSA Nasal PCR Test with Antimicrobial Stewardship Intervention. <i>Open Forum Infectious Diseases</i> , 2019, 6, S674-S675.	0.4	1
29	High Frequency of MYD88 L265P Mutation in Primary Ocular Adnexal Marginal Zone Lymphoma and Its Clinicopathologic Correlation: A Study From a Single Institution. <i>Archives of Pathology and Laboratory Medicine</i> , 2019, 143, 483-493.	1.2	10
30	Detection of respiratory pathogens in clinical samples using metagenomic shotgun sequencing. <i>Journal of Medical Microbiology</i> , 2019, 68, 996-1002.	0.7	19
31	Case Report of an Extensively Drug-Resistant <i>Klebsiella pneumoniae</i> Infection With Genomic Characterization of the Strain and Review of Similar Cases in the United States. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy074.	0.4	34
32	Pneumococcal Community-Acquired Pneumonia Detected by Serotype-Specific Urinary Antigen Detection Assays. <i>Clinical Infectious Diseases</i> , 2018, 66, 1504-1510.	2.9	46
33	Correlation between hospital-level antibiotic consumption and incident health care facility-onset <i>Clostridium difficile</i> infection. <i>American Journal of Infection Control</i> , 2018, 46, 270-275.	1.1	7
34	2297. The Diagnostic Yield of 16/18S rRNA PCR of Sterile Site Samples in Pediatric Patients. <i>Open Forum Infectious Diseases</i> , 2018, 5, S681-S681.	0.4	0
35	Use of organism identification by 16S ribosomal RNA polymerase chain reaction to shorten antimicrobial length of therapy. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 88, 163-167.	0.8	4
36	Investigation of Respiratory Syncytial Virus Outbreak on an Adult Stem Cell Transplant Unit by Use of Whole-Genome Sequencing. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2956-2963.	1.8	16

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37	Factors contributing to vancomycin-resistant <i>Enterococcus</i> spp. horizontal transmission events: exploration of the role of antibacterial consumption. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 89, 72-77.	0.8	7
38	Evaluation of targeted antimicrobial prophylaxis for transrectal ultrasound guided prostate biopsy: a prospective cohort trial. <i>BMC Infectious Diseases</i> , 2017, 17, 401.	1.3	15
39	Serology Enhances Molecular Diagnosis of Respiratory Virus Infections Other than Influenza in Children and Adults Hospitalized with Community-Acquired Pneumonia. <i>Journal of Clinical Microbiology</i> , 2017, 55, 79-89.	1.8	38
40	Epidemiological Assessment of the Association Between Antibiotic Consumption and <i>Clostridium difficile</i> Incidence at an Academic Medical Center. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	0
41	Genome Sequences of Five Clinical Isolates of <i>Klebsiella pneumoniae</i> . <i>Genome Announcements</i> , 2016, 4, .	0.8	7
42	Procalcitonin as an Early Marker of the Need for Invasive Respiratory or Vasopressor Support in Adults With Community-Acquired Pneumonia. <i>Chest</i> , 2016, 150, 819-828.	0.4	38
43	Relapse versus Reinfection of <i>Mycobacterium avium</i> Complex Pulmonary Disease. Patient Characteristics and Macrolide Susceptibility. <i>Annals of the American Thoracic Society</i> , 2016, 13, 1956-1961.	1.5	60
44	Deep Sequencing of 16S rRNA Gene Amplicons to Screen Umbilical Cord Blood of Preterm Infants. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	1
45	Identification of Bacterial and Viral Codetections With <i>Mycoplasma pneumoniae</i> Using the TaqMan Array Card in Patients Hospitalized With Community-Acquired Pneumonia. <i>Open Forum Infectious Diseases</i> , 2016, 3, ofw071.	0.4	19
46	Evaluation of the Efficiency of the Sample Inactivation Reagent in the Abbott RealTi <i>m</i> e MTB Assay for Inactivation of <i>Mycobacterium tuberculosis</i> . <i>Journal of Clinical Microbiology</i> , 2015, 53, 3001-3002.	1.8	12
47	Community-Acquired Pneumonia Requiring Hospitalization among U.S. Adults. <i>New England Journal of Medicine</i> , 2015, 373, 415-427.	13.9	2,121
48	Evaluation of clinical outcomes in patients with Gram-negative bloodstream infections according to cefepime MIC. <i>Diagnostic Microbiology and Infectious Disease</i> , 2015, 82, 165-171.	0.8	20
49	Molecular Detection and Characterization of <i>Mycoplasma pneumoniae</i> Among Patients Hospitalized With Community-Acquired Pneumonia in the United States. <i>Open Forum Infectious Diseases</i> , 2015, 2, ofv106.	0.4	45
50	Evaluation of Vitek MS for rapid classification of clinical isolates belonging to <i>Mycobacterium avium</i> complex. <i>Diagnostic Microbiology and Infectious Disease</i> , 2015, 81, 41-43.	0.8	13
51	Unacceptably High Error Rates in Vitek 2 Testing of Cefepime Susceptibility in Extended-Spectrum- β -Lactamase-Producing <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3757-3761.	1.4	17
52	Characterization of Ciprofloxacin Resistant <i>Escherichia coli</i> Isolates among Men Undergoing Evaluation for Transrectal Ultrasound Guided Prostate Biopsy. <i>Journal of Urology</i> , 2013, 190, 2026-2032.	0.2	20
53	Genetic Mechanisms of Antimicrobial Resistance of <i>Acinetobacter Baumannii</i> . <i>Annals of Pharmacotherapy</i> , 2011, 45, 218-228.	0.9	52
54	Changing prevalence of <i>Escherichia coli</i> with CTX-M β -type extended-spectrum β -lactamases in outpatient urinary <i>E. coli</i> between 2003 and 2008. <i>Diagnostic Microbiology and Infectious Disease</i> , 2010, 67, 87-91.	0.8	37

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55	Characterization of <i>Acinetobacter baumannii</i> genotypes recovered from patients with repeated colonization or infection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2009, 65, 1-6.	0.8	9
56	Characterization of Genetic Diversity of Carbapenem-Resistant <i>Acinetobacter baumannii</i> Clinical Strains Collected from 2004 to 2007. <i>Journal of Clinical Microbiology</i> , 2008, 46, 1106-1109.	1.8	60
57	Comparison of Testing Methods for Detection of Decreased Linezolid Susceptibility Due to G2576T Mutation of the 23S rRNA Gene in <i>Enterococcus faecium</i> and <i>Enterococcus faecalis</i> . <i>Journal of Clinical Microbiology</i> , 2006, 44, 1098-1100.	1.8	25
58	Transcription coactivator PRIP is not essential for the function of nuclear receptors CAR and PPAR α in liver. <i>FASEB Journal</i> , 2006, 20, A225.	0.2	1
59	Potential of estrogen receptor transcriptional activity by breast cancer amplified sequence 2. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 393-398.	1.0	32
60	Null Mutation of Peroxisome Proliferator-activated Receptor-interacting Protein in Mammary Glands Causes Defective Mammopoiesis. <i>Journal of Biological Chemistry</i> , 2004, 279, 33696-33701.	1.6	24
61	Transcriptional Coactivator PRIP, the Peroxisome Proliferator-activated Receptor α 3 (PPAR α 3)-interacting Protein, Is Required for PPAR α 3-mediated Adipogenesis. <i>Journal of Biological Chemistry</i> , 2003, 278, 25281-25284.	1.6	61
62	Identification of Protein Arginine Methyltransferase 2 as a Coactivator for Estrogen Receptor α . <i>Journal of Biological Chemistry</i> , 2002, 277, 28624-28630.	1.6	142
63	Peroxisome Proliferator-Activated Receptors, Coactivators, and Downstream Targets. <i>Cell Biochemistry and Biophysics</i> , 2000, 32, 187-204.	0.9	196