

Carey-Ann D Burnham

List of Publications by Year in descending order

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Version: 2024-02-01

267
papers

7,454
citations

61945

43
h-index

85498

71
g-index

273
all docs

273
docs citations

273
times ranked

9691
citing authors

#	ARTICLE	IF	CITATIONS
1	A randomized controlled trial of <i>Lactobacillus rhamnosus</i> GG on antimicrobial-resistant organism colonization. <i>Infection Control and Hospital Epidemiology</i> , 2022, 43, 167-173.	1.0	6
2	Multiplatform Assessment of Saliva for SARS-CoV-2 Molecular Detection in Symptomatic Healthcare Personnel and Patients Presenting to the Emergency Department. <i>Journal of Applied Laboratory Medicine</i> , 2022, 7, 727-736.	0.6	2
3	Substantial overlap between symptomatic and asymptomatic genitourinary microbiota states. <i>Microbiome</i> , 2022, 10, 6.	4.9	3
4	Multi-omics investigation of <i>Clostridioides difficile</i> -colonized patients reveals pathogen and commensal correlates of <i>C. difficile</i> pathogenesis. <i>ELife</i> , 2022, 11, .	2.8	16
5	Comparative Genomics of <i>Bacteroides fragilis</i> Group Isolates Reveals Species-Dependent Resistance Mechanisms and Validates Clinical Tools for Resistance Prediction. <i>MBio</i> , 2022, 13, e0360321.	1.8	17
6	Comparative Genomics of Borderline Oxacillin-Resistant <i>Staphylococcus aureus</i> Detected during a Pseudo-outbreak of Methicillin-Resistant <i>S. aureus</i> in a Neonatal Intensive Care Unit. <i>MBio</i> , 2022, 13, e0319621.	1.8	7
7	Stop waiting for tomorrow: Disk Diffusion Performed on Early Growth is an Accurate Method for Antimicrobial Susceptibility Testing with Reduced Turn-around Time. <i>Journal of Clinical Microbiology</i> , 2022, , JCM0300720.	1.8	8
8	Isolation of SARS-CoV-2 in Viral Cell Culture in Immunocompromised Patients With Persistently Positive RT-PCR Results. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 804175.	1.8	16
9	The Impact of Implementing the Virtuo Blood Culture System on the Characteristics and Management of Patients with <i>Staphylococcus aureus</i> Bacteremia. <i>Journal of Clinical Microbiology</i> , 2022, 60, e0226121.	1.8	3
10	Development and Validation of a Novel Anaerobic Carbapenem Inactivation Method (Ana-CIM) for the Detection of Carbapenemase Production in <i>Bacteroides fragilis</i> . <i>Journal of Clinical Microbiology</i> , 2022, 60, e0218821.	1.8	4
11	Longitudinal Dynamics of Skin Bacterial Communities in the Context of <i>Staphylococcus aureus</i> Decolonization. <i>Microbiology Spectrum</i> , 2022, 10, e0267221.	1.2	3
12	Acute and persistent effects of commonly used antibiotics on the gut microbiome and resistome in healthy adults. <i>Cell Reports</i> , 2022, 39, 110649.	2.9	64
13	Persisting uropathogenic <i>Escherichia coli</i> lineages show signatures of niche-specific within-host adaptation mediated by mobile genetic elements. <i>Cell Host and Microbe</i> , 2022, 30, 1034-1047.e6.	5.1	13
14	Prevalence and Characterization of the Cefazolin Inoculum Effect in North American Methicillin-Susceptible <i>Staphylococcus aureus</i> Isolates. <i>Journal of Clinical Microbiology</i> , 2022, 60, e0249521.	1.8	7
15	Genomic Surveillance of Clinical <i>Pseudomonas aeruginosa</i> Isolates Reveals an Additive Effect of Carbapenemase Production on Carbapenem Resistance. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	4
16	Antibiotic-resistant organisms establish reservoirs in new hospital built environments and are related to patient blood infection isolates. <i>Communications Medicine</i> , 2022, 2, .	1.9	21
17	Draft Genome Sequence of a <i>Mycobacterium</i> Strain Isolated from a Clinical Wound Sample. <i>Microbiology Resource Announcements</i> , 2022, 11, .	0.3	1
18	Time for Some Group Therapy: Update on Identification, Antimicrobial Resistance, Taxonomy, and Clinical Significance of the <i>Bacteroides fragilis</i> Group. <i>Journal of Clinical Microbiology</i> , 2022, 60, .	1.8	7

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19	The Gut Microbiome as a Reservoir for Antimicrobial Resistance. <i>Journal of Infectious Diseases</i> , 2021, 223, S209-S213.	1.9	55
20	HOME2 Study: Household Versus Personalized Decolonization in Households of Children With Methicillin-Resistant <i>Staphylococcus aureus</i> Skin and Soft Tissue Infection—A Randomized Clinical Trial. <i>Clinical Infectious Diseases</i> , 2021, 73, e4568-e4577.	2.9	18
21	Genomic Characterization of Emerging Bacterial Uropathogen <i>Neisseria meningitidis</i> , Which Was Misidentified as <i>Neisseria gonorrhoeae</i> by Nucleic Acid Amplification Testing. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	13
22	Evaluation of Optimal Blood Culture Incubation Time To Maximize Clinically Relevant Results from a Contemporary Blood Culture Instrument and Media System. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	24
23	At-Home Testing for Infectious Diseases: The Laboratory Where You Live. <i>Clinical Chemistry</i> , 2021, 68, 19-26.	1.5	9
24	Assessment of the Urinary Microbiota of MSM Using Urine Culturomics Reveals a Diverse Microbial Environment. <i>Clinical Chemistry</i> , 2021, 68, 192-203.	1.5	1
25	OUP accepted manuscript. <i>journal of applied laboratory medicine</i> , The, 2021, , .	0.6	0
26	Randomized Controlled Trial of Oral Vancomycin Treatment in <i>Clostridioides difficile</i> -Colonized Patients. <i>MSphere</i> , 2021, 6, .	1.3	20
27	Evaluating the Rapid Emergence of Daptomycin Resistance in <i>Corynebacterium</i> : a Multicenter Study. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	8
28	The Next-Generation of <i>Neisseria gonorrhoeae</i> Antimicrobial Resistance Testing. <i>Clinical Chemistry</i> , 2021, 67, 573-575.	1.5	1
29	The Effects of “Dry Swab” Incubation on SARS-CoV-2 Molecular Testing. <i>journal of applied laboratory medicine</i> , The, 2021, 6, 1281-1286.	0.6	16
30	Multicenter Evaluation of Processing and Analysis of College of American Pathologists (CAP) Proficiency Testing Samples by Laboratory Automation. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	0
31	Phenotypic and Genomic Profiling of <i>Staphylococcus argenteus</i> in Canada and the United States and Recommendations for Clinical Result Reporting. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	11
32	Management of <i>Cutibacterium acnes</i> and total shoulder arthroplasty: has consensus been achieved?. <i>Seminars in Arthroplasty</i> , 2021, 31, 96-104.	0.3	0
33	Microbial Science Research in the Post-COVID Environment. <i>MBio</i> , 2021, 12, e0111621.	1.8	3
34	Comparison of Microorganism Detection and Time to Positivity in Pediatric and Standard Media from Three Major Commercial Continuously Monitored Blood Culture Systems. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0042921.	1.8	14
35	More than Just Contaminants: Frequency and Characterization of Polymicrobial Blood Cultures from a Central Clinical Microbiology Laboratory Serving a Large Healthcare System. <i>journal of applied laboratory medicine</i> , The, 2021, 6, 1433-1440.	0.6	3
36	SARS-CoV-2 E Gene Variant Alters Analytical Sensitivity Characteristics of Viral Detection Using a Commercial Reverse Transcription-PCR Assay. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0007521.	1.8	45

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37	Comparison of Six SARS-CoV-2 Molecular Methods and Correlation with the Cycle Threshold Distribution in Clinical Specimens. <i>Journal of applied laboratory medicine</i> , The, 2021, 6, 1452-1462.	0.6	4
38	Elevated MICs of Susceptible Anti-Pseudomonal Cephalosporins in Non-Carbapenemase-Producing, Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> : Implications for Dose Optimization. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0120421.	1.4	6
39	Real-World Evaluation of the Impact of Implementation of the Virtuo Blood Culture System in a Tertiary Care Hospital. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0061721.	1.8	2
40	Evaluation of PCR cycle threshold values by patient population with the quidel lyra SARS-CoV-2 assay. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 101, 115387.	0.8	2
41	Antibiotic-driven intestinal dysbiosis in pediatric short bowel syndrome is associated with persistently altered microbiome functions and gut-derived bloodstream infections. <i>Gut Microbes</i> , 2021, 13, 1940792.	4.3	15
42	Deadly Pathogens, Transformative Technologies, and Protracted Pandemics: Challenges and Opportunities in Laboratory Medicine. <i>Clinical Chemistry</i> , 2021, 68, 1-3.	1.5	2
43	Comparative Genomics of <i>Mycobacterium avium</i> Complex Reveals Signatures of Environment-Specific Adaptation and Community Acquisition. <i>MSystems</i> , 2021, 6, e0119421.	1.7	7
44	<i>Staphylococcus aureus</i> injection drug use-associated bloodstream infections are propagated by community outbreaks of diverse lineages. <i>Communications Medicine</i> , 2021, 1, .	1.9	9
45	From canines to humans: Clinical importance of <i>Staphylococcus pseudintermedius</i> . <i>PLoS Pathogens</i> , 2021, 17, e1009961.	2.1	26
46	Breakpoint beware: reliance on historical breakpoints for Enterobacteriaceae leads to discrepancies in interpretation of susceptibility testing for carbapenems and cephalosporins and gaps in detection of carbapenem-resistant organisms. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 187-195.	1.3	9
47	In vitro activity of meropenem/piperacillin/tazobactam triple combination therapy against clinical isolates of <i>Staphylococcus aureus</i> , <i>Staphylococcus epidermidis</i> , <i>Staphylococcus pseudintermedius</i> and vancomycin-resistant <i>Enterococcus</i> spp. <i>International Journal of Antimicrobial Agents</i> , 2020, 55, 105864.	1.1	5
48	Clinical impact of molecular identification of rare yeasts and nonsporulating molds recovered in culture from clinical specimens. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 96, 114945.	0.8	1
49	Longitudinal, strain-specific <i>Staphylococcus aureus</i> introduction and transmission events in households of children with community-associated methicillin-resistant <i>S aureus</i> skin and soft tissue infection: a prospective cohort study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 188-198.	4.6	51
50	Comparison of Extraction Methods and Thermocyclers for SARS-CoV-2 Molecular Detection Using Clinical Specimens. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	12
51	Multicenter evaluation of the RAPIDECÂ® CARBA NP assay for the detection of carbapenemase production in clinical isolates of Enterobacteriales and <i>Pseudomonas aeruginosa</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 2037-2044.	1.3	3
52	Evaluation of Surrogate Tests for the Presence of <i>mecA</i> -Mediated Methicillin Resistance in <i>Staphylococcus capitis</i> , <i>Staphylococcus haemolyticus</i> , <i>Staphylococcus hominis</i> , and <i>Staphylococcus warneri</i> . <i>Journal of Clinical Microbiology</i> , 2020, 59, .	1.8	15
53	Antimicrobial Prodrug Activation by the Staphylococcal Glyoxalase GloB. <i>ACS Infectious Diseases</i> , 2020, 6, 3064-3075.	1.8	9
54	Impact of investigational microbiota therapeutic RBX2660 on the gut microbiome and resistome revealed by a placebo-controlled clinical trial. <i>Microbiome</i> , 2020, 8, 125.	4.9	41

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55	Evaluation of the Risk of Laboratory Microbial Contamination during Routine Testing in Automated Clinical Chemistry and Microbiology Laboratories. <i>Clinical Chemistry</i> , 2020, 66, 1190-1199.	1.5	7
56	Urinary Tract Infection With Gram-Positive Bacteria Does Not Cause False-Positive Results with the Urine-Based Human Chorionic Gonadotropin Point-of-Care Assay. <i>Journal of Applied Laboratory Medicine</i> , 2020, 5, 987-992.	0.6	2
57	Genomic Prediction of Antimicrobial Resistance: Ready or Not, Here It Comes!. <i>Clinical Chemistry</i> , 2020, 66, 1278-1289.	1.5	25
58	Comparable Detections of Viral Pathogens in Lower Respiratory Tract Specimens with the BioFire Respiratory Panel 2 and the BioFire Pneumonia Panel. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	3
59	Tetracycline-inactivating enzymes from environmental, human commensal, and pathogenic bacteria cause broad-spectrum tetracycline resistance. <i>Communications Biology</i> , 2020, 3, 241.	2.0	97
60	Evaluation of NG-Test Carba 5 for Rapid Phenotypic Detection and Differentiation of Five Common Carbapenemase Families: Results of a Multicenter Clinical Evaluation. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	34
61	Potent, specific MEPicides for treatment of zoonotic staphylococci. <i>PLoS Pathogens</i> , 2020, 16, e1007806.	2.1	12
62	Microbiome Restoration by RBX2660 Does Not Preclude Recurrence of Multidrug-Resistant Urinary Tract Infection Following Subsequent Antibiotic Exposure: A Case Report. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa042.	0.4	7
63	Carbapenem-resistant Enterobacterales in the USA. <i>Lancet Infectious Diseases</i> , 2020, 20, 637-639.	4.6	6
64	Reporting Considerations for Cefepime-Susceptible and -Susceptible-Dose Dependent Results for Carbapenemase-Producing <i>Enterobacterales</i> . <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	2
65	Innovative and rapid antimicrobial susceptibility testing systems. <i>Nature Reviews Microbiology</i> , 2020, 18, 299-311.	13.6	204
66	Assessment of antibiotic-resistant organism transmission among rooms of hospitalized patients, healthcare personnel, and the hospital environment utilizing surrogate markers and selective bacterial cultures. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 539-546.	1.0	2
67	Evaluation of the BioFire FilmArray Pneumonia Panel for Detection of Viral and Bacterial Pathogens in Lower Respiratory Tract Specimens in the Setting of a Tertiary Care Academic Medical Center. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	76
68	Environmental Methicillin-resistant <i>Staphylococcus aureus</i> Contamination, Persistent Colonization, and Subsequent Skin and Soft Tissue Infection. <i>JAMA Pediatrics</i> , 2020, 174, 552.	3.3	22
69	Multicenter Evaluation of the New Etest Gradient Diffusion Method for Piperacillin-Tazobactam Susceptibility Testing of <i>Enterobacterales</i> , <i>Pseudomonas aeruginosa</i> , and <i>Acinetobacter baumannii</i> Complex. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	16
70	Improving Characterization of Understudied Human Microbiomes Using Targeted Phylogenetics. <i>MSystems</i> , 2020, 5, .	1.7	2
71	Incidence and Diagnostic Yield of Repeat Urine Culture in Hospitalized Patients: an Opportunity for Diagnostic Stewardship. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	5
72	Comparison of Urine Antigen Assays for the Diagnosis of <i>Histoplasma capsulatum</i> Infection. <i>Journal of Applied Laboratory Medicine</i> , 2019, 4, 370-382.	0.6	7

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73	Genotypic and Phenotypic Characterization of Antimicrobial Resistance in <i>Neisseria gonorrhoeae</i> : a Cross-Sectional Study of Isolates Recovered from Routine Urine Cultures in a High-Incidence Setting. <i>MSphere</i> , 2019, 4, .	1.3	8
74	Clinical Impact of Revised Cefepime Breakpoint in Patients With Enterobacteriaceae Bacteremia. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz341.	0.4	9
75	Spatiotemporal dynamics of multidrug resistant bacteria on intensive care unit surfaces. <i>Nature Communications</i> , 2019, 10, 4569.	5.8	39
76	Impact of an electronic hard-stop clinical decision support tool to limit repeat <i>Clostridioides difficile</i> toxin enzyme immunoassay testing on test utilization. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 1423-1426.	1.0	10
77	Multicenter Clinical Evaluation of Etest Meropenem-Vaborbactam (bioMérieux) for Susceptibility Testing of <i>Enterobacterales</i> (<i>Enterobacteriaceae</i>) and <i>Pseudomonas aeruginosa</i> . <i>Journal of Clinical Microbiology</i> , 2019, 58, .	1.8	9
78	Comparative Genomics of Antibiotic-Resistant Uropathogens Implicates Three Routes for Recurrence of Urinary Tract Infections. <i>MBio</i> , 2019, 10, .	1.8	73
79	Evaluation of telavancin susceptibility in isolates of <i>Staphylococcus aureus</i> with reduced susceptibility to vancomycin. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 2323-2330.	1.3	2
80	Phenotypic and genotypic characterization of linezolid-resistant <i>Enterococcus faecium</i> from the USA and Pakistan. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 3445-3452.	1.3	33
81	Evaluation of Oxacillin and Cefoxitin Disk Diffusion and Microbroth Dilution Methods for Detecting <i>mecA</i> -Mediated β -Lactam Resistance in Contemporary <i>Staphylococcus epidermidis</i> Isolates. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	17
82	In Silico Analysis of <i>Gardnerella</i> Genomespecies Detected in the Setting of Bacterial Vaginosis. <i>Clinical Chemistry</i> , 2019, 65, 1375-1387.	1.5	24
83	Multicenter Study Demonstrates Standardization Requirements for Mold Identification by MALDI-TOF MS. <i>Frontiers in Microbiology</i> , 2019, 10, 2098.	1.5	35
84	Improved Performance of a Rapid Immunochromatographic Assay for Detection of PBP2a in Non- <i>Staphylococcus aureus</i> Staphylococcal Species. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	13
85	Pediatric Anaerobic Blood Culture Practices in Industrialized Countries. <i>journal of applied laboratory medicine, The</i> , 2019, 3, 553-558.	0.6	6
86	Clinical Utility of Advanced Microbiology Testing Tools. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	33
87	Lack of Additional Diagnostic Yield of 16s rRNA Gene PCR for Prosthetic Joint Infections. <i>journal of applied laboratory medicine, The</i> , 2019, 4, 224-228.	0.6	3
88	Human ehrlichiosis at a tertiary-care academic medical center: Clinical associations and outcomes of transplant patients and patients with hemophagocytic lymphohistiocytosis. <i>Blood Cells, Molecules, and Diseases</i> , 2019, 77, 17-22.	0.6	14
89	Reducing the time between inoculation and first-read of urine cultures using total lab automation significantly reduces turn-around-time of positive culture results with minimal loss of first-read sensitivity. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1135-1141.	1.3	12
90	Comparative Evaluation of Enteric Bacterial Culture and a Molecular Multiplex Syndromic Panel in Children with Acute Gastroenteritis. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	25

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91	Clinical Effect of Expedited Pathogen Identification and Susceptibility Testing for Gram-Negative Bacteremia and Candidemia by Use of the Accelerate Pheno™ System. <i>Journal of applied laboratory medicine, The</i> , 2019, 3, 569-579.	0.6	17
92	Culture of Rectal Swab Specimens for Enteric Bacterial Pathogens Decreases Time to Test Result While Preserving Assay Sensitivity Compared to Bulk Fecal Specimens. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	6
93	Effect of changing urine testing orderables and clinician order sets on inpatient urine culture testing: Analysis from a large academic medical center. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 281-286.	1.0	27
94	Total Laboratory Automation: a Micro-Comic Strip. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	1
95	Best Practices for Detection of Bloodstream Infection. <i>Journal of applied laboratory medicine, The</i> , 2019, 3, 740-742.	0.6	3
96	Clinical Microbiology Is Growing Up: The Total Laboratory Automation Revolution. <i>Clinical Chemistry</i> , 2019, 65, 634-643.	1.5	52
97	Interplay of personal, pet, and environmental colonization in households affected by community-associated methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Infection</i> , 2019, 78, 200-207.	1.7	26
98	Carriage of the Toxic Shock Syndrome Toxin Gene by Contemporary Community-Associated <i>Staphylococcus aureus</i> Isolates. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2019, 8, 470-473.	0.6	4
99	Genomic Characterization of Antibiotic Resistant <i>Escherichia coli</i> Isolated From Domestic Chickens in Pakistan. <i>Frontiers in Microbiology</i> , 2019, 10, 3052.	1.5	23
100	Metabolomic networks connect host-microbiome processes to human <i>Clostridioides difficile</i> infections. <i>Journal of Clinical Investigation</i> , 2019, 129, 3792-3806.	3.9	70
101	Epidemiology, Clinical Characteristics, and Antimicrobial Susceptibility Profiles of Human Clinical Isolates of <i>Staphylococcus intermedius</i> Group. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	38
102	The Brief Case: <i>Staphylococcus intermedius</i> Group—Look What the Dog Dragged In. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	9
103	Closing the Brief Case: <i>Staphylococcus intermedius</i> Group—Look What the Dog Dragged In. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	1
104	Importance of Site of Infection and Antibiotic Selection in the Treatment of Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> Sepsis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	20
105	Carriage of <i>Cronobacter sakazakii</i> in the Very Preterm Infant Gut. <i>Clinical Infectious Diseases</i> , 2018, 67, 269-274.	2.9	8
106	Clinical epidemiology of carbapenem-resistant gram-negative sepsis among hospitalized patients: Shifting burden of disease?. <i>American Journal of Infection Control</i> , 2018, 46, 1092-1096.	1.1	11
107	Two cases of fungal keratitis caused by <i>Metarhizium anisopliae</i> . <i>Medical Mycology Case Reports</i> , 2018, 21, 8-11.	0.7	6
108	Frequency of Instrument, Environment, and Laboratory Technologist Contamination during Routine Diagnostic Testing of Infectious Specimens. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	9

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109	Diagnostic accuracy of fungal identification in histopathology and cytopathology specimens. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 157-165.	1.3	31
110	Challenges and Opportunities in Implementing Total Laboratory Automation. <i>Clinical Chemistry</i> , 2018, 64, 259-264.	1.5	40
111	Comparing the performance of 3 bioaerosol samplers for influenza virus. <i>Journal of Aerosol Science</i> , 2018, 115, 133-145.	1.8	48
112	Multicenter Evaluation of the Xpert MRSA NxG Assay for Detection of Methicillin-Resistant <i>Staphylococcus aureus</i> in Nasal Swabs. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	15
113	1187. Retrospective and Prospective Analysis of <i>Acinetobacter</i> Modern-Day Clinical Isolates in a Large Mid-West Hospital System. <i>Open Forum Infectious Diseases</i> , 2018, 5, S358-S359.	0.4	0
114	Impact of Amoxicillin-Clavulanate followed by Autologous Fecal Microbiota Transplantation on Fecal Microbiome Structure and Metabolic Potential. <i>MSphere</i> , 2018, 3, .	1.3	17
115	Population Structure, Antibiotic Resistance, and Uropathogenicity of <i>Klebsiella varicola</i> . <i>MBio</i> , 2018, 9, .	1.8	61
116	Impact of total laboratory automation on workflow and specimen processing time for culture of urine specimens. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 2405-2411.	1.3	26
117	<i>Clostridium difficile</i> colonization among patients with clinically significant diarrhea and no identifiable cause of diarrhea. <i>Infection Control and Hospital Epidemiology</i> , 2018, 39, 1330-1333.	1.0	10
118	Enhanced Recovery of Fastidious Organisms from Urine Culture in the Setting of Total Laboratory Automation. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	16
119	Restoration of T Cell function in multi-drug resistant bacterial sepsis after interleukin-7, anti-PD-L1, and OX-40 administration. <i>PLoS ONE</i> , 2018, 13, e0199497.	1.1	42
120	New Bugs and New Drugs: Updates in Clinical Microbiology. <i>journal of applied laboratory medicine, The</i> , 2018, 2, 925-940.	0.6	3
121	<i>Superficieibacter electus</i> gen. nov., sp. nov., an Extended-Spectrum \hat{I}^2 -Lactamase Possessing Member of the Enterobacteriaceae Family, Isolated From Intensive Care Unit Surfaces. <i>Frontiers in Microbiology</i> , 2018, 9, 1629.	1.5	14
122	Multicenter Evaluation of the Etest Gradient Diffusion Method for Ceftolozane-Tazobactam Susceptibility Testing of Enterobacteriaceae and <i>Pseudomonas aeruginosa</i> . <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	13
123	The Continued Value of Disk Diffusion for Assessing Antimicrobial Susceptibility in Clinical Laboratories: Report from the Clinical and Laboratory Standards Institute Methods Development and Standardization Working Group. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	55
124	Diagnostic Performance of Multiplex Nucleic Acid Testing of Bronchoalveolar Lavage and Bronchial Wash Specimens for Respiratory Viral Pathogens. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	4
125	Comprehensive modeling reveals proximity, seasonality, and hygiene practices as key determinants of MRSA colonization in exposed households. <i>Pediatric Research</i> , 2018, 84, 668-676.	1.1	20
126	Multicenter Evaluation of <i>Helicobacter pylori</i> IgG Antibody Seroprevalence Among Patients Seeking Clinical Care in the US. <i>journal of applied laboratory medicine, The</i> , 2018, 2, 904-913.	0.6	1

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127	Comparing the Yield of <i>Staphylococcus aureus</i> Recovery with Static versus Agitated Broth Incubation. <i>Journal of Pathogens</i> , 2018, 2018, 1-3.	0.9	4
128	Mechanism of High-Level Daptomycin Resistance in <i>Corynebacterium striatum</i> . <i>MSphere</i> , 2018, 3, .	1.3	28
129	Evaluation of Genotypic and Phenotypic Methods to Detect Carbapenemase Production in Gram-Negative Bacilli. <i>Clinical Chemistry</i> , 2017, 63, 723-730.	1.5	29
130	Reinstatement of Reflex Testing of Stool Samples for Vancomycin-Resistant Enterococci (VRE) Resulted in Decreased Incidence of Hospital-Associated VRE. <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 619-621.	1.0	4
131	The Molecular and Clinical Epidemiology of Extended-Spectrum Cephalosporin and Carbapenem-Resistant Enterobacteriaceae at 4 US Pediatric Hospitals. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2017, 6, 366-375.	0.6	15
132	The Role of Procalcitonin in Diagnosis of Sepsis and Antibiotic Stewardship: Opportunities and Challenges. <i>Clinical Chemistry</i> , 2017, 63, 1436-1441.	1.5	13
133	Ventilator-Associated Pneumonia: The Role of Emerging Diagnostic Technologies. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2017, 38, 253-263.	0.8	26
134	Are We There Yet? Laboratory Preparedness for Emerging Infectious Diseases. <i>Clinical Chemistry</i> , 2017, 63, 807-811.	1.5	8
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