

Carey-Ann D Burnham

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

249
papers

5,349
citations

37
h-index

63
g-index

273
ext. papers

6,771
ext. citations

6.9
avg, IF

6.21
L-index

#	Paper	IF	Citations
249	Substantial overlap between symptomatic and asymptomatic genitourinary microbiota states.. <i>Microbiome</i> , 2022 , 10, 6	16.6	0
248	Multi-omics investigation of -colonized patients reveals pathogen and commensal correlates of pathogenesis.. <i>ELife</i> , 2022 , 11,	8.9	2
247	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 , e0360321	7.8	1
246	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 , e0319621	7.8	1
245	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	9.7	1
244	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	5.9	1
243	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 , e0226121	9.7	
242	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 , e0218821	9.7	0
241	Longitudinal Dynamics of Skin Bacterial Communities in the Context of <i>Staphylococcus aureus</i> Decolonization.. <i>Microbiology Spectrum</i> , 2022 , e0267221	8.9	
240	Acute and persistent effects of commonly used antibiotics on the gut microbiome and resistome in healthy adults.. <i>Cell Reports</i> , 2022 , 39, 110649	10.6	6
239	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 , e0249521	9.7	1
238	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	11.6	4
237	From canines to humans: Clinical importance of <i>Staphylococcus pseudintermedius</i> . <i>PLoS Pathogens</i> , 2021 , 17, e1009961	7.6	3
236	Comparative Genomics of <i>Mycobacterium avium</i> Complex Reveals Signatures of Environment-Specific Adaptation and Community Acquisition. <i>MSystems</i> , 2021 , 6, e0119421	7.6	0
235	The Gut Microbiome as a Reservoir for Antimicrobial Resistance. <i>Journal of Infectious Diseases</i> , 2021 , 223, S209-S213	7	12
234	Evaluating the Rapid Emergence of Daptomycin Resistance in : a Multicenter Study. <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	2
233	The Effects of "Dry Swab" Incubation on SARS-CoV-2 Molecular Testing. <i>journal of applied laboratory medicine</i> , 2021 , 6, 1281-1286	2	8

232	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,	9.7	
231	A randomized controlled trial of GG on antimicrobial-resistant organism colonization. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-7	2	1
230	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,	9.7	5
229	Management of <i>Cutibacterium acnes</i> and total shoulder arthroplasty: has consensus been achieved?. <i>Seminars in Arthroplasty</i> , 2021 , 31, 96-104	0.4	
228	Microbial Science Research in the Post-COVID Environment. <i>MBio</i> , 2021 , 12, e0111621	7.8	2
227	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	9.7	4
226	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, The</i> , 2021 , 6, 1433-1440	2	1
225	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	9.7	19
224	Comparison of 6 SARS-CoV-2 Molecular Methods and Correlation With the Cycle Threshold Distribution in Clinical Specimens. <i>journal of applied laboratory medicine, The</i> , 2021 , 6, 1452-1462	2	1
223	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,	9.7	5
222	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,	9.7	6
221	At-Home Testing for Infectious Diseases: The Laboratory Where You Live.. <i>Clinical Chemistry</i> , 2021 , 68, 19-26	5.5	2
220	Assessment of the Urinary Microbiota of MSM Using Urine Culturomics Reveals a Diverse Microbial Environment.. <i>Clinical Chemistry</i> , 2021 , 68, 192-203	5.5	
219	Randomized Controlled Trial of Oral Vancomycin Treatment in <i>Clostridioides difficile</i> -Colonized Patients. <i>MSphere</i> , 2021 , 6,	5	5
218	Elevated MICs of Susceptible Antipseudomonal Cephalosporins in Non-Carbapenemase-Producing, Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> : Implications for Dose Optimization. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0120421	5.9	1
217	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	9.7	1
216	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	2.9	1
215	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	8.8	3

214	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,	9.7	2
213	Tetracycline-inactivating enzymes from environmental, human commensal, and pathogenic bacteria cause broad-spectrum tetracycline resistance. <i>Communications Biology</i> , 2020 , 3, 241	6.7	49
212	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,	9.7	17
211	Potent, specific MEPicides for treatment of zoonotic staphylococci. <i>PLoS Pathogens</i> , 2020 , 16, e1007806	7.6	7
210	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	1	4
209	Carbapenem-resistant Enterobacterales in the USA. <i>Lancet Infectious Diseases</i> , 2020 , 20, 637-639	25.5	1
208	Reporting Considerations for Cefepime-Susceptible and -Susceptible-Dose Dependent Results for Carbapenemase-Producing. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	1
207	Innovative and rapid antimicrobial susceptibility testing systems. <i>Nature Reviews Microbiology</i> , 2020 , 18, 299-311	22.2	88
206	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	2	0
205	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,	9.7	30
204	Environmental Methicillin-resistant Staphylococcus aureus Contamination, Persistent Colonization, and Subsequent Skin and Soft Tissue Infection. <i>JAMA Pediatrics</i> , 2020 , 174, 552-562	8.3	10
203	Multicenter Evaluation of the New Etest Gradient Diffusion Method for Piperacillin-Tazobactam Susceptibility Testing of , , and Complex. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	7
202	Improving Characterization of Understudied Human Microbiomes Using Targeted Phylogenetics. <i>MSystems</i> , 2020 , 5,	7.6	1
201	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, 107-107	5.3	7
200	In vitro activity of meropenem/piperacillin/tazobactam triple combination therapy against clinical isolates of Staphylococcus aureus, Staphylococcus epidermidis, Staphylococcus pseudintermedius and vancomycin-resistant Enterococcus spp. <i>International Journal of Antimicrobial Agents</i> , 2020 , 55, 105864	14.3	3
199	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	2.9	1
198	Longitudinal, strain-specific Staphylococcus aureus introduction and transmission events in households of children with community-associated methicillin-resistant S aureus skin and soft tissue infection: a prospective cohort study. <i>Lancet Infectious Diseases</i> , 2020 , 20, 188-198	25.5	26
197	Comparison of Extraction Methods and Thermocyclers for SARS-CoV-2 Molecular Detection Using Clinical Specimens. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	7

196	Multicenter evaluation of the RAPIDEC [®] CARBA NP assay for the detection of carbapenemase production in clinical isolates of Enterobacterales and Pseudomonas aeruginosa. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020 , 39, 2037-2044	5.3	2
195	Evaluation of Surrogate Tests for the Presence of β -Mediated Methicillin Resistance in Staphylococcus capitis, Staphylococcus haemolyticus, Staphylococcus hominis, and Staphylococcus warneri. <i>Journal of Clinical Microbiology</i> , 2020 , 59,	9.7	7
194	Antimicrobial Prodrug Activation by the Staphylococcal Glyoxalase GloB. <i>ACS Infectious Diseases</i> , 2020 , 6, 3064-3075	5.5	4
193	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	16.6	16
192	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	5.5	2
191	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	2	2
190	Genomic Prediction of Antimicrobial Resistance: Ready or Not, Here It Comes!. <i>Clinical Chemistry</i> , 2020 , 66, 1278-1289	5.5	6
189	Comparative Genomics of Antibiotic-Resistant Uropathogens Implicates Three Routes for Recurrence of Urinary Tract Infections. <i>MBio</i> , 2019 , 10,	7.8	37
188	Evaluation of telavancin susceptibility in isolates of Staphylococcus aureus with reduced susceptibility to vancomycin. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019 , 38, 2323-2330	5.3	2
187	Phenotypic and genotypic characterization of linezolid-resistant Enterococcus faecium from the USA and Pakistan. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 3445-3452	5.1	26
186	Evaluation of Oxacillin and Cefoxitin Disk Diffusion and Microbroth Dilution Methods for Detecting β -Mediated Lactam Resistance in Contemporary Staphylococcus epidermidis Isolates. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	12
185	In Silico Analysis of Gardnerella Genomespecies Detected in the Setting of Bacterial Vaginosis. <i>Clinical Chemistry</i> , 2019 , 65, 1375-1387	5.5	11
184	Multicenter Study Demonstrates Standardization Requirements for Mold Identification by MALDI-TOF MS. <i>Frontiers in Microbiology</i> , 2019 , 10, 2098	5.7	18
183	Improved Performance of a Rapid Immunochromatographic Assay for Detection of PBP2a in Non-Staphylococcus aureus Staphylococcal Species. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	7
182	Pediatric Anaerobic Blood Culture Practices in Industrialized Countries. <i>Journal of Applied Laboratory Medicine</i> , 2019 , 3, 553-558	2	3
181	Clinical Utility of Advanced Microbiology Testing Tools. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	18
180	Lack of Additional Diagnostic Yield of 16s rRNA Gene PCR for Prosthetic Joint Infections. <i>Journal of Applied Laboratory Medicine</i> , 2019 , 4, 224-228	2	2
179	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	2.1	10

178	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	5.3	8
177	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,	9.7	14
176	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	2	9
175	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,	9.7	2
174	Genomic Characterization of Antibiotic Resistant Isolated From Domestic Chickens in Pakistan. <i>Frontiers in Microbiology</i> , 2019 , 10, 3052	5.7	12
173	Incidence and Diagnostic Yield of Repeat Urine Culture in Hospitalized Patients: an Opportunity for Diagnostic Stewardship. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	4
172	Comparison of Urine Antigen Assays for the Diagnosis of Infection. <i>journal of applied laboratory medicine, The</i> , 2019 , 4, 370-382	2	2
171	Genotypic and Phenotypic Characterization of Antimicrobial Resistance in Neisseria gonorrhoeae: a Cross-Sectional Study of Isolates Recovered from Routine Urine Cultures in a High-Incidence Setting. <i>MSphere</i> , 2019 , 4,	5	2
170	Clinical Impact of Revised Cefepime Breakpoint in Patients With Bacteremia. <i>Open Forum Infectious Diseases</i> , 2019 , 6, ofz341	1	4
169	Spatiotemporal dynamics of multidrug resistant bacteria on intensive care unit surfaces. <i>Nature Communications</i> , 2019 , 10, 4569	17.4	18
168	Impact of an electronic hard-stop clinical decision support tool to limit repeat toxin enzyme immunoassay testing on test utilization. <i>Infection Control and Hospital Epidemiology</i> , 2019 , 40, 1423-1426 ²		7
167	Multicenter Clinical Evaluation of Etest Meropenem-Vaborbactam (bioMérieux) for Susceptibility Testing of <i>Pseudomonas aeruginosa</i> . <i>Journal of Clinical Microbiology</i> , 2019 , 58,	9.7	6
166	Metabolomic networks connect host-microbiome processes to human <i>Clostridioides difficile</i> infections. <i>Journal of Clinical Investigation</i> , 2019 , 129, 3792-3806	15.9	32
165	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	2	16
164	Best Practices for Detection of Bloodstream Infection. <i>journal of applied laboratory medicine, The</i> , 2019 , 3, 740-742	2	2
163	Clinical Microbiology Is Growing Up: The Total Laboratory Automation Revolution. <i>Clinical Chemistry</i> , 2019 , 65, 634-643	5.5	30
162	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 ^{18.9}		17
161	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	4.8	4

160	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,	9.7	24
159	The Brief Case: <i>Staphylococcus intermedius</i> Group-Look What the Dog Dragged In. <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	6
158	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,	5.9	16
157	Carriage of <i>Cronobacter sakazakii</i> in the Very Preterm Infant Gut. <i>Clinical Infectious Diseases</i> , 2018 , 67, 269-274	11.6	5
156	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	3.8	8
155	Two cases of fungal keratitis caused by. <i>Medical Mycology Case Reports</i> , 2018 , 21, 8-11	1.7	5
154	Frequency of Instrument, Environment, and Laboratory Technologist Contamination during Routine Diagnostic Testing of Infectious Specimens. <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	9
153	Diagnostic accuracy of fungal identification in histopathology and cytopathology specimens. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018 , 37, 157-165	5.3	21
152	Challenges and Opportunities in Implementing Total Laboratory Automation. <i>Clinical Chemistry</i> , 2018 , 64, 259-264	5.5	23
151	Comparing the performance of 3 bioaerosol samplers for influenza virus. <i>Journal of Aerosol Science</i> , 2018 , 115, 133-145	4.3	26
150	New Bugs and New Drugs: Updates in Clinical Microbiology. <i>journal of applied laboratory medicine, The</i> , 2018 , 2, 925-940	2	2
149	gen. nov., sp. nov., an Extended-Spectrum β -Lactamase Possessing Member of the Enterobacteriaceae Family, Isolated From Intensive Care Unit Surfaces. <i>Frontiers in Microbiology</i> , 2018 , 9, 1629	5.7	7
148	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,	9.7	6
147	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,	9.7	32
146	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,	9.7	2
145	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	3.2	13
144	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	2	
143	Comparing the Yield of Recovery with Static versus Agitated Broth Incubation. <i>Journal of Pathogens</i> , 2018 , 2018, 1462671	1.9	4

142	Mechanism of High-Level Daptomycin Resistance in. <i>MSphere</i> , 2018 , 3,	5	21
141	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,	9.7	12
140	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	1	78
139	Impact of Amoxicillin-Clavulanate followed by Autologous Fecal Microbiota Transplantation on Fecal Microbiome Structure and Metabolic Potential. <i>MSphere</i> , 2018 , 3,	5	13
138	Population Structure, Antibiotic Resistance, and Uropathogenicity of <i>Klebsiella variicola</i> . <i>MBio</i> , 2018 , 9,	7.8	34
137	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	5.3	19
136	<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	2	5
135	Enhanced Recovery of Fastidious Organisms from Urine Culture in the Setting of Total Laboratory Automation. <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	15
134	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	3.7	29
133	Evaluation of Genotypic and Phenotypic Methods to Detect Carbapenemase Production in Gram-Negative Bacilli. <i>Clinical Chemistry</i> , 2017 , 63, 723-730	5.5	23
132	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	2	2
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	4.8	10
130	The Role of Procalcitonin in Diagnosis of Sepsis and Antibiotic Stewardship: Opportunities and Challenges. <i>Clinical Chemistry</i> , 2017 , 63, 1436-1441	5.5	9
129	Ventilator-Associated Pneumonia: The Role of Emerging Diagnostic Technologies. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2017 , 38, 253-263	3.9	21
128	Are We There Yet? Laboratory Preparedness for Emerging Infectious Diseases. <i>Clinical Chemistry</i> , 2017 , 63, 807-811	5.5	7
127	Antibiotic Prophylaxis Is Associated with Subsequent Resistant Infections in Children with an Initial Extended-Spectrum-Cephalosporin-Resistant Enterobacteriaceae Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	4
126	Evaluation of Correlation between Pretest Probability for <i>Clostridium difficile</i> Infection and <i>Clostridium difficile</i> Enzyme Immunoassay Results. <i>Journal of Clinical Microbiology</i> , 2017 , 55, 596-605	9.7	11
125	Rapid MRSA PCR on respiratory specimens from ventilated patients with suspected pneumonia: a tool to facilitate antimicrobial stewardship. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2017 , 36, 879-885	5.3	15

124	An Evaluation of the Prevalence of Vancomycin-Resistant Enterococci (VRE) and Methicillin-Resistant Staphylococcus aureus (MRSA) in Hospital Food. <i>Infection Control and Hospital Epidemiology</i> , 2017 , 38, 1373-1375	2	1
123	Diagnosing antimicrobial resistance. <i>Nature Reviews Microbiology</i> , 2017 , 15, 697-703	22.2	77
122	Susceptibility of Ceftolozane-Tazobactam and Ceftazidime-Avibactam Against a Collection of β -Lactam-Resistant Gram-Negative Bacteria. <i>Annals of Laboratory Medicine</i> , 2017 , 37, 174-176	3.1	14
121	2322: The effects of fecal microbiota transplantation on the gut microbiota in subjects with Clostridium difficile infection. <i>Journal of Clinical and Translational Science</i> , 2017 , 1, 35-35	0.4	78
120	Etiology of Infectious Diarrhea in Patients Tested for Clostridium difficile: If It Isn't Clostridium difficile, What Is It?. <i>Open Forum Infectious Diseases</i> , 2017 , 4, S2-S2	1	78
119	When Good Bugs Go Bad: Epidemiology and Antimicrobial Resistance Profiles of Corynebacterium striatum, an Emerging Multidrug-Resistant, Opportunistic Pathogen. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	48
118	Identification of Nocardia, Streptomyces, and Tsukamurella using MALDI-TOF MS with the Bruker Biotyper. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017 , 89, 92-97	2.9	13
117	Colonization with 19F and other pneumococcal conjugate vaccine serotypes in children in St. Louis, Missouri, USA. <i>Vaccine</i> , 2017 , 35, 4389-4395	4.1	8
116	Assessment of Healthcare Worker Protocol Deviations and Self-Contamination During Personal Protective Equipment Donning and Doffing. <i>Infection Control and Hospital Epidemiology</i> , 2017 , 38, 1077-1083	7.0	86
115	Clinical use comparison of a semiautomated PCR with fluorescent ribotyping for typing of Clostridium difficile. <i>Archives of Microbiology</i> , 2017 , 199, 317-323	3	
114	Interleukin 7 immunotherapy improves host immunity and survival in a two-hit model of Pseudomonas aeruginosa pneumonia. <i>Journal of Leukocyte Biology</i> , 2017 , 101, 543-554	6.5	56
113	The Brief Case: Bacteremia and Vertebral Osteomyelitis Due to Staphylococcus schleiferi. <i>Journal of Clinical Microbiology</i> , 2017 , 55, 3157-3161	9.7	8
112	Closing the Brief Case: Bacteremia and Vertebral Osteomyelitis Due to Staphylococcus schleiferi. <i>Journal of Clinical Microbiology</i> , 2017 , 55, 3309-3310	9.7	1
111	Longitudinal Analysis of ICU Surface Multidrug-resistant Organism Contamination in the US and Pakistan. <i>Open Forum Infectious Diseases</i> , 2017 , 4, S150-S151	1	
110	Defining Aerosol Generating Procedures and Pathogen Transmission Risks in Healthcare Settings. <i>Open Forum Infectious Diseases</i> , 2017 , 4, S34-S35	1	7
109	Characterization of Aerosols Generated During Patient Care Activities. <i>Clinical Infectious Diseases</i> , 2017 , 65, 1335-1341	11.6	45
108	Epidemiology of Bloodstream Infections 2017 , 163-181		2
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