

# Carey-Ann D Burnham

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/2939773/carey-ann-d-burnham-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Diagnosis of <i>Clostridium difficile</i> infection: an ongoing conundrum for clinicians and for clinical laboratories. <i>Clinical Microbiology Reviews</i> , <b>2013</b> , 26, 604-30	34	264
248	Developmental dynamics of the preterm infant gut microbiota and antibiotic resistome. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16024	26.6	229
247	Vertically transmitted faecal IgA levels determine extra-chromosomal phenotypic variation. <i>Nature</i> , <b>2015</b> , 521, 90-93	50.4	169
246	Impact of clinical symptoms on interpretation of diagnostic assays for <i>Clostridium difficile</i> infections. <i>Journal of Clinical Microbiology</i> , <b>2011</b> , 49, 2887-93	9.7	148
245	It's not easy being green: the viridans group streptococci, with a focus on pediatric clinical manifestations. <i>Journal of Clinical Microbiology</i> , <b>2010</b> , 48, 3829-35	9.7	130
244	Prevalence and risk factors for asymptomatic <i>Clostridium difficile</i> carriage. <i>Clinical Infectious Diseases</i> , <b>2014</b> , 59, 216-22	11.6	119
243	Mupirocin and chlorhexidine resistance in <i>Staphylococcus aureus</i> in patients with community-onset skin and soft tissue infections. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 559-68	5.9	107
242	Performance of the xTAG <sup>®</sup> gastrointestinal pathogen panel, a multiplex molecular assay for simultaneous detection of bacterial, viral, and parasitic causes of infectious gastroenteritis. <i>Journal of Microbiology and Biotechnology</i> , <b>2013</b> , 23, 1041-5	3.3	103
241	Multicenter evaluation of the Vitek MS matrix-assisted laser desorption ionization-time of flight mass spectrometry system for identification of Gram-positive aerobic bacteria. <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 2225-31	9.7	100
240	Synergistic, collaterally sensitive $\beta$ -lactam combinations suppress resistance in MRSA. <i>Nature Chemical Biology</i> , <b>2015</b> , 11, 855-61	11.7	91
239	Optimizing identification of clinically relevant Gram-positive organisms by use of the Bruker Biotyper matrix-assisted laser desorption ionization-time of flight mass spectrometry system. <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 1421-7	9.7	91
238	Innovative and rapid antimicrobial susceptibility testing systems. <i>Nature Reviews Microbiology</i> , <b>2020</b> , 18, 299-311	22.2	88
237	Assessment of Healthcare Worker Protocol Deviations and Self-Contamination During Personal Protective Equipment Donning and Doffing. <i>Infection Control and Hospital Epidemiology</i> , <b>2017</b> , 38, 1077-1083	10.8	86
236	2322: The effects of fecal microbiota transplantation on the gut microbiota in subjects with <i>Clostridium difficile</i> infection. <i>Journal of Clinical and Translational Science</i> , <b>2017</b> , 1, 35-35	0.4	78
235	Etiology of Infectious Diarrhea in Patients Tested for <i>Clostridium difficile</i> : If It Isn't <i>Clostridium difficile</i> , What Is It?. <i>Open Forum Infectious Diseases</i> , <b>2017</b> , 4, S2-S2	1	78
234	1796 Recovery of <i>Clostridium difficile</i> , Vancomycin Resistant Enterococcus and Methicillin Resistant <i>Staphylococcus aureus</i> from the Food of Hospitalized Patients. <i>Open Forum Infectious Diseases</i> , <b>2014</b> , 1, S62-S62	1	78
233	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> , <b>2018</b> , 5, S358-S359	1	78

232	Diagnosing antimicrobial resistance. <i>Nature Reviews Microbiology</i> , <b>2017</b> , 15, 697-703	22.2	77
231	Multicenter study evaluating the Vitek MS system for identification of medically important yeasts. <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 2267-72	9.7	73
230	Optimization of routine identification of clinically relevant Gram-negative bacteria by use of matrix-assisted laser desorption ionization-time of flight mass spectrometry and the Bruker Biotyper. <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 1412-20	9.7	72
229	T cells from patients with Candida sepsis display a suppressive immunophenotype. <i>Critical Care</i> , <b>2016</b> , 20, 15	10.8	66
228	Diafiltration MALDI-TOF mass spectrometry method for culture-independent detection and identification of pathogens directly from urine specimens. <i>American Journal of Clinical Pathology</i> , <b>2014</b> , 141, 204-12	1.9	59
227	Evaluation of Oxacillin and Cefoxitin Disk and MIC Breakpoints for Prediction of Methicillin Resistance in Human and Veterinary Isolates of Staphylococcus intermedius Group. <i>Journal of Clinical Microbiology</i> , <b>2016</b> , 54, 535-42	9.7	57
226	Interleukin 7 immunotherapy improves host immunity and survival in a two-hit model of Pseudomonas aeruginosa pneumonia. <i>Journal of Leukocyte Biology</i> , <b>2017</b> , 101, 543-554	6.5	56
225	Comparison of Sample Preparation Methods, Instrumentation Platforms, and Contemporary Commercial Databases for Identification of Clinically Relevant Mycobacteria by Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 2308-15	9.7	54
224	Validation and implementation of the GeneXpert MRSA/SA blood culture assay in a pediatric setting. <i>American Journal of Clinical Pathology</i> , <b>2011</b> , 136, 690-4	1.9	52
223	Evaluation of Machine Learning and Rules-Based Approaches for Predicting Antimicrobial Resistance Profiles in Gram-negative Bacilli from Whole Genome Sequence Data. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1887	5.7	52
222	A systematic evaluation of methods to optimize culture-based recovery of Clostridium difficile from stool specimens. <i>Anaerobe</i> , <b>2013</b> , 19, 39-43	2.8	51
221	Tetracycline-inactivating enzymes from environmental, human commensal, and pathogenic bacteria cause broad-spectrum tetracycline resistance. <i>Communications Biology</i> , <b>2020</b> , 3, 241	6.7	49
220	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> , <b>2017</b> , 61,	5.9	48
219	Evaluation of the Vitek MS Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry System for Identification of Clinically Relevant Filamentous Fungi. <i>Journal of Clinical Microbiology</i> , <b>2016</b> , 54, 2068-73	9.7	47
218	Comparison of the next-generation Xpert MRSA/SA BC assay and the GeneOhm StaphSR assay to routine culture for identification of Staphylococcus aureus and methicillin-resistant S. aureus in positive-blood-culture broths. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 804-9	9.7	46
217	Characterization of Aerosols Generated During Patient Care Activities. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 65, 1335-1341	11.6	45
216	KPC and NDM-1 genes in related Enterobacteriaceae strains and plasmids from Pakistan and the United States. <i>Emerging Infectious Diseases</i> , <b>2015</b> , 21, 1034-7	10.2	44
215	MALDI-TOF MS identification of anaerobic bacteria: assessment of pre-analytical variables and specimen preparation techniques. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2014</b> , 79, 144-8	2.9	39

214	Gut Colonization of Healthy Children and Their Mothers With Pathogenic Ciprofloxacin-Resistant <i>Escherichia coli</i> . <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 1862-8	7	39
213	Contamination of environmental surfaces with <i>Staphylococcus aureus</i> in households with children infected with methicillin-resistant <i>S aureus</i> . <i>JAMA Pediatrics</i> , <b>2014</b> , 168, 1030-8	8.3	38
212	Comparative Genomics of Antibiotic-Resistant Uropathogens Implicates Three Routes for Recurrence of Urinary Tract Infections. <i>MBio</i> , <b>2019</b> , 10,	7.8	37
211	New Gram-Positive Agents: the Next Generation of Oxazolidinones and Lipoglycopeptides. <i>Journal of Clinical Microbiology</i> , <b>2016</b> , 54, 2225-32	9.7	37
210	Risk Factors for Acquisition and Loss of <i>Clostridium difficile</i> Colonization in Hospitalized Patients. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 4533-43	5.9	36
209	Binding of group B streptococcal phosphoglycerate kinase to plasminogen and actin. <i>Microbial Pathogenesis</i> , <b>2011</b> , 51, 255-61	3.8	36
208	Prevalence of <i>qacA/B</i> Genes and Mupirocin Resistance Among Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Isolates in the Setting of Chlorhexidine Bathing Without Mupirocin. <i>Infection Control and Hospital Epidemiology</i> , <b>2016</b> , 37, 590-7	2	35
207	Multicenter validation of the VITEK MS v2.0 MALDI-TOF mass spectrometry system for the identification of fastidious gram-negative bacteria. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2014</b> , 78, 129-31	2.9	35
206	Presence of the <i>bla(Z)</i> beta-lactamase gene in isolates of <i>Staphylococcus aureus</i> that appear penicillin susceptible by conventional phenotypic methods. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2012</b> , 74, 388-93	2.9	34
205	MAPK-activated protein kinase 2 contributes to <i>Clostridium difficile</i> -associated inflammation. <i>Infection and Immunity</i> , <b>2013</b> , 81, 713-22	3.7	34
204	Population Structure, Antibiotic Resistance, and Uropathogenicity of <i>Klebsiella variicola</i> . <i>MBio</i> , <b>2018</b> , 9,	7.8	34
203	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> , <b>2018</b> , 56,	9.7	32
202	Detection of <i>Klebsiella pneumoniae</i> carbapenemase (KPC) production in non- <i>Klebsiella pneumoniae</i> Enterobacteriaceae isolates by use of the Phoenix, Vitek 2, and disk diffusion methods. <i>Journal of Clinical Microbiology</i> , <b>2011</b> , 49, 1143-7	9.7	32
201	Metabolomic networks connect host-microbiome processes to human <i>Clostridioides difficile</i> infections. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 3792-3806	15.9	32
200	Phenotypic and genotypic analysis of <i>Clostridium difficile</i> isolates: a single-center study. <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 4260-6	9.7	31
199	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> , <b>2020</b> , 58,	9.7	30
198	Multicenter Evaluation of the Xpert Norovirus Assay for Detection of Norovirus Genogroups I and II in Fecal Specimens. <i>Journal of Clinical Microbiology</i> , <b>2016</b> , 54, 142-7	9.7	30
197	Clinical Microbiology Is Growing Up: The Total Laboratory Automation Revolution. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 634-643	5.5	30

196	Diagnosis of <i>Clostridium difficile</i> Infection: Treat the Patient, Not the Test. <i>JAMA Internal Medicine</i> , <b>2015</b> , 175, 1801-2	11.5	29
195	Diagnostic assays for identification of microorganisms and antimicrobial resistance determinants directly from positive blood culture broth. <i>Clinics in Laboratory Medicine</i> , <b>2013</b> , 33, 651-84	2.1	29
194	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> , <b>2018</b> , 13, e0199497	3.7	29
193	Invasion of HeLa cells by group B streptococcus requires the phosphoinositide-3-kinase signalling pathway and modulates phosphorylation of host-cell Akt and glycogen synthase kinase-3. <i>Microbiology (United Kingdom)</i> , <b>2007</b> , 153, 4240-4252	2.9	28
192	Phenotypic and genotypic characterization of linezolid-resistant <i>Enterococcus faecium</i> from the USA and Pakistan. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2019</b> , 74, 3445-3452	5.1	26
191	Comparing the performance of 3 bioaerosol samplers for influenza virus. <i>Journal of Aerosol Science</i> , <b>2018</b> , 115, 133-145	4.3	26
190	Probiotic-associated aspiration pneumonia due to <i>Lactobacillus rhamnosus</i> . <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 3124-6	9.7	26
189	<i>Herbaspirillum</i> species bacteremia in a pediatric oncology patient. <i>Journal of Clinical Microbiology</i> , <b>2010</b> , 48, 4320-1	9.7	26
188	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> , <b>2020</b> , 20, 188-198	25.5	26
187	Epidemiology, Clinical Characteristics, and Antimicrobial Susceptibility Profiles of Human Clinical Isolates of <i>Staphylococcus intermedius</i> Group. <i>Journal of Clinical Microbiology</i> , <b>2018</b> , 56,	9.7	24
186	The bacterial amyloid curli is associated with urinary source bloodstream infection. <i>PLoS ONE</i> , <b>2014</b> , 9, e86009	3.7	24
185	Rapid ertapenem susceptibility testing and <i>Klebsiella pneumoniae</i> carbapenemase phenotype detection in <i>Klebsiella pneumoniae</i> isolates by use of automated microscopy of immobilized live bacterial cells. <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 982-6	9.7	24
184	Rac1, RhoA, and Cdc42 participate in HeLa cell invasion by group B streptococcus. <i>FEMS Microbiology Letters</i> , <b>2007</b> , 272, 8-14	2.9	24
183	Evaluation of Genotypic and Phenotypic Methods to Detect Carbapenemase Production in Gram-Negative Bacilli. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 723-730	5.5	23
182	Challenges and Opportunities in Implementing Total Laboratory Automation. <i>Clinical Chemistry</i> , <b>2018</b> , 64, 259-264	5.5	23
181	Discriminatory Indices of Typing Methods for Epidemiologic Analysis of Contemporary <i>Staphylococcus aureus</i> Strains. <i>Medicine (United States)</i> , <b>2015</b> , 94, e1534	1.8	23
180	Automation in the clinical microbiology laboratory. <i>Clinical Chemistry</i> , <b>2013</b> , 59, 1696-702	5.5	23
179	Molecular epidemiology of <i>Staphylococcus aureus</i> in households of children with community-associated <i>S. aureus</i> skin and soft tissue infections. <i>Journal of Pediatrics</i> , <b>2014</b> , 164, 105-11	3.6	22

178	Ventilator-Associated Pneumonia: The Role of Emerging Diagnostic Technologies. <i>Seminars in Respiratory and Critical Care Medicine</i> , <b>2017</b> , 38, 253-263	3.9	21
177	Diagnostic accuracy of fungal identification in histopathology and cytopathology specimens. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>2018</b> , 37, 157-165	5.3	21
176	Mechanism of High-Level Daptomycin Resistance in. <i>MSphere</i> , <b>2018</b> , 3,	5	21
175	Impact of neonatal intensive care bed configuration on rates of late-onset bacterial sepsis and methicillin-resistant <i>Staphylococcus aureus</i> colonization. <i>Infection Control and Hospital Epidemiology</i> , <b>2015</b> , 36, 1173-82	2	19
174	Evaluation of a real-time PCR assay for simultaneous detection of <i>Kingella kingae</i> and <i>Staphylococcus aureus</i> from synovial fluid in suspected septic arthritis. <i>Annals of Laboratory Medicine</i> , <b>2014</b> , 34, 313-6	3.1	19
173	Development and evaluation of a novel, semiautomated <i>Clostridium difficile</i> typing platform. <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 621-4	9.7	19
172	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> , <b>2021</b> , 59, e0007521	9.7	19
171	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> , <b>2018</b> , 37, 2405-2411	5.3	19
170	Multicenter Study Demonstrates Standardization Requirements for Mold Identification by MALDI-TOF MS. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2098	5.7	18
169	Clinical Utility of Advanced Microbiology Testing Tools. <i>Journal of Clinical Microbiology</i> , <b>2019</b> , 57,	9.7	18
168	Assessment of Reproducibility of Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry for Bacterial and Yeast Identification. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 2349-52	9.7	18
167	Spatiotemporal dynamics of multidrug resistant bacteria on intensive care unit surfaces. <i>Nature Communications</i> , <b>2019</b> , 10, 4569	17.4	18
166	Septic arthritis of a native knee joint due to <i>Corynebacterium striatum</i> . <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 1786-8	9.7	18
165	Criteria for reducing unnecessary testing for herpes simplex virus, varicella-zoster virus, cytomegalovirus, and enterovirus in cerebrospinal fluid samples from adults. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 887-95	9.7	17
164	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> , <b>2020</b> , 58,	9.7	17
163	Two cases of <i>Kerstersia gyiorum</i> isolated from sites of chronic infection. <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 2001-4	9.7	17
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> , <b>2019</b> , 78, 200-207	18.9	17
161	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> , <b>2018</b> , 62,	5.9	16



160	Randomized Controlled Trial to Determine the Impact of Probiotic Administration on Colonization With Multidrug-Resistant Organisms in Critically Ill Patients. <i>Infection Control and Hospital Epidemiology</i> , <b>2015</b> , 36, 1451-4	2	16
159	Phosphoglycerate kinase inhibits epithelial cell invasion by group B streptococci. <i>Microbial Pathogenesis</i> , <b>2005</b> , 38, 189-200	3.8	16
158	Impact of investigational microbiota therapeutic RBX2660 on the gut microbiome and resistome revealed by a placebo-controlled clinical trial. <i>Microbiome</i> , <b>2020</b> , 8, 125	16.6	16
157	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> , <b>2019</b> , 40, 281-286	2	16
156	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> , <b>2017</b> , 36, 879-885	5.3	15
155	Novel screening agar for detection of vancomycin-nonsusceptible <i>Staphylococcus aureus</i> . <i>Journal of Clinical Microbiology</i> , <b>2010</b> , 48, 949-51	9.7	15
154	The ABCs of STIs: An Update on Sexually Transmitted Infections. <i>Clinical Chemistry</i> , <b>2016</b> , 62, 811-23	5.5	15
153	Enhanced Recovery of Fastidious Organisms from Urine Culture in the Setting of Total Laboratory Automation. <i>Journal of Clinical Microbiology</i> , <b>2018</b> , 56,	9.7	15
152	Comparative Evaluation of Enteric Bacterial Culture and a Molecular Multiplex Syndromic Panel in Children with Acute Gastroenteritis. <i>Journal of Clinical Microbiology</i> , <b>2019</b> , 57,	9.7	14
151	Susceptibility of Ceftolozane-Tazobactam and Ceftazidime-Avibactam Against a Collection of $\beta$ -Lactam-Resistant Gram-Negative Bacteria. <i>Annals of Laboratory Medicine</i> , <b>2017</b> , 37, 174-176	3.1	14
150	Evaluation of an Immunochromatographic Assay for Rapid Detection of Penicillin-Binding Protein 2a in Human and Animal <i>Staphylococcus intermedius</i> Group, <i>Staphylococcus lugdunensis</i> , and <i>Staphylococcus schleiferi</i> Clinical Isolates. <i>Journal of Clinical Microbiology</i> , <b>2016</b> , 54, 745-8	9.7	14
149	Investigation of Linezolid Resistance in <i>Staphylococci</i> and <i>Enterococci</i> . <i>Journal of Clinical Microbiology</i> , <b>2016</b> , 54, 1289-94	9.7	14
148	Routine testing for anaerobic bacteria in cerebrospinal fluid cultures improves recovery of clinically significant pathogens. <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 1824-9	9.7	14
147	Shiga toxin-producing <i>Escherichia coli</i> : a single-center, 11-year pediatric experience. <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 3647-53	9.7	14
146	Molecular epidemiology of methicillin-resistant <i>Staphylococcus aureus</i> isolated in serial cultures from the respiratory tract of children with cystic fibrosis. <i>Pediatric Infectious Disease Journal</i> , <b>2014</b> , 33, 549-53	3.4	14
145	Catheter-associated <i>Nocardia higoensis</i> bacteremia in a child with acute lymphocytic leukemia. <i>Journal of Clinical Microbiology</i> , <b>2011</b> , 49, 469-71	9.7	14
144	Comprehensive modeling reveals proximity, seasonality, and hygiene practices as key determinants of MRSA colonization in exposed households. <i>Pediatric Research</i> , <b>2018</b> , 84, 668-676	3.2	13
143	Identification of <i>Nocardia</i> , <i>Streptomyces</i> , and <i>Tsukamurella</i> using MALDI-TOF MS with the Bruker Biotyper. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2017</b> , 89, 92-97	2.9	13

142	Molecular Epidemiology of Recurrent Cutaneous Methicillin-Resistant Staphylococcus aureus Infections in Children. <i>Journal of the Pediatric Infectious Diseases Society</i> , <b>2014</b> , 3, 261-4	4.8	13
141	Diversity of Staphylococcus aureus strains colonizing various niches of the human body. <i>Journal of Infection</i> , <b>2016</b> , 72, 698-705	18.9	13
140	Topical Decolonization Does Not Eradicate the Skin Microbiota of Community-Dwelling or Hospitalized Adults. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 7303-7312	5.9	13
139	Impact of Amoxicillin-Clavulanate followed by Autologous Fecal Microbiota Transplantation on Fecal Microbiome Structure and Metabolic Potential. <i>MSphere</i> , <b>2018</b> , 3,	5	13
138	Evaluation of Oxacillin and Cefoxitin Disk Diffusion and Microbroth Dilution Methods for Detecting $\beta$ -Lactam Resistance in Contemporary Staphylococcus epidermidis Isolates. <i>Journal of Clinical Microbiology</i> , <b>2019</b> , 57,	9.7	12
137	Genomic Characterization of Antibiotic Resistant Isolated From Domestic Chickens in Pakistan. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 3052	5.7	12
136	Impact of Time to Appropriate Therapy on Mortality in Patients with Vancomycin-Intermediate Staphylococcus aureus Infection. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 5546-53	5.9	12
135	Brown-Pigmented Mycobacterium mageritense as a Cause of Prosthetic Valve Endocarditis and Bloodstream Infection. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 2777-80	9.7	12
134	Mycoplasma pneumoniae periprosthetic joint infection identified by 16S ribosomal RNA gene amplification and sequencing: a case report. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2011</b> , 93, e103	5.6	12
133	The Gut Microbiome as a Reservoir for Antimicrobial Resistance. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 223, S209-S213	7	12
132	Multicenter Evaluation of the Xpert MRSA NxG Assay for Detection of Methicillin-Resistant Staphylococcus aureus in Nasal Swabs. <i>Journal of Clinical Microbiology</i> , <b>2018</b> , 56,	9.7	12
131	Evaluation of Correlation between Pretest Probability for Clostridium difficile Infection and Clostridium difficile Enzyme Immunoassay Results. <i>Journal of Clinical Microbiology</i> , <b>2017</b> , 55, 596-605	9.7	11
130	In Silico Analysis of Gardnerella Genomespecies Detected in the Setting of Bacterial Vaginosis. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 1375-1387	5.5	11
129	The Importance of Colonization with Clostridium difficile on Infection and Transmission. <i>Current Infectious Disease Reports</i> , <b>2015</b> , 17, 499	3.9	11
128	In Vitro Antimicrobial Susceptibility of Staphylococcus pseudintermedius Isolates of Human and Animal Origin. <i>Journal of Clinical Microbiology</i> , <b>2016</b> , 54, 1391-4	9.7	11
127	Adhesin genes and serum resistance in Haemophilus influenzae type f isolates. <i>Journal of Medical Microbiology</i> , <b>2013</b> , 62, 514-524	3.2	11
126	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> , <b>2017</b> , 6, 366-375	4.8	10
125	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> , <b>2019</b> , 77, 17-22	2.1	10



124	Markers of intestinal inflammation for the diagnosis of infectious gastroenteritis. <i>Clinics in Laboratory Medicine</i> , <b>2015</b> , 35, 333-44	2.1	10
123	Environmental Methicillin-resistant Staphylococcus aureus Contamination, Persistent Colonization, and Subsequent Skin and Soft Tissue Infection. <i>JAMA Pediatrics</i> , <b>2020</b> , 174, 552-562	8.3	10
122	Clostridium difficile-Diagnostic and Clinical Challenges. <i>Clinical Chemistry</i> , <b>2016</b> , 62, 310-4	5.5	10
121	Prevalence of nasopharyngeal pneumococcal colonization in children and antimicrobial susceptibility profiles of carriage isolates. <i>International Journal of Infectious Diseases</i> , <b>2015</b> , 39, 50-52	10.5	10
120	An Evaluation of Food as a Potential Source for Clostridium difficile Acquisition in Hospitalized Patients. <i>Infection Control and Hospital Epidemiology</i> , <b>2016</b> , 37, 1401-1407	2	10
119	The Role of Procalcitonin in Diagnosis of Sepsis and Antibiotic Stewardship: Opportunities and Challenges. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 1436-1441	5.5	9
118	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> , <b>2019</b> , 3, 569-579	2	9
117	Actinobaculum schaalii bacteremia: A report of two cases. <i>Anaerobe</i> , <b>2015</b> , 34, 84-5	2.8	9
116	Frequency of Instrument, Environment, and Laboratory Technologist Contamination during Routine Diagnostic Testing of Infectious Specimens. <i>Journal of Clinical Microbiology</i> , <b>2018</b> , 56,	9.7	9
115	Comparison of chromogenic media for recovery of carbapenemase-producing enterobacteriaceae (CPE) and evaluation of CPE prevalence at a tertiary care academic medical center. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 663-6	9.7	9
114	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> , <b>2019</b> , 38, 1135-1141	5.3	8
113	Clinical epidemiology of carbapenem-resistant gram-negative sepsis among hospitalized patients: Shifting burden of disease?. <i>American Journal of Infection Control</i> , <b>2018</b> , 46, 1092-1096	3.8	8
112	Colonization with 19F and other pneumococcal conjugate vaccine serotypes in children in St. Louis, Missouri, USA. <i>Vaccine</i> , <b>2017</b> , 35, 4389-4395	4.1	8
111	The Brief Case: Bacteremia and Vertebral Osteomyelitis Due to Staphylococcus schleiferi. <i>Journal of Clinical Microbiology</i> , <b>2017</b> , 55, 3157-3161	9.7	8
110	Evaluation of Environmental Sampling Methods for Detection of on Fomites <b>2015</b> , 2,		8
109	The Effects of "Dry Swab" Incubation on SARS-CoV-2 Molecular Testing. <i>Journal of applied laboratory medicine, The</i> , <b>2021</b> , 6, 1281-1286	2	8
108	Rapid identification of microorganisms from positive blood cultures by testing early growth on solid media using matrix-assisted laser desorption ionization-time of flight mass spectrometry. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2016</b> , 85, 133-5	2.9	8
107	Culture of Urine Specimens by Use of chromID CPS Elite Medium Can Expedite Escherichia coli Identification and Reduce Hands-On Time in the Clinical Laboratory. <i>Journal of Clinical Microbiology</i> , <b>2016</b> , 54, 2767-2773	9.7	8

106	Are We There Yet? Laboratory Preparedness for Emerging Infectious Diseases. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 807-811	5.5	7
105	Improved Performance of a Rapid Immunochromatographic Assay for Detection of PBP2a in Non-Staphylococcus aureus Staphylococcal Species. <i>Journal of Clinical Microbiology</i> , <b>2019</b> , 57,	9.7	7
104	Potent, specific MEPicides for treatment of zoonotic staphylococci. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e10078067.6		7
103	Multicenter Evaluation of the New Etest Gradient Diffusion Method for Piperacillin-Tazobactam Susceptibility Testing of , , and Complex. <i>Journal of Clinical Microbiology</i> , <b>2020</b> , 58,	9.7	7
102	gen. nov., sp. nov., an Extended-Spectrum $\beta$ -Lactamase Possessing Member of the Enterobacteriaceae Family, Isolated From Intensive Care Unit Surfaces. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1629	5.7	7
101	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> , <b>2019</b> , 40, 1423-1426 <sup>2</sup>		7
100	Defining Aerosol Generating Procedures and Pathogen Transmission Risks in Healthcare Settings. <i>Open Forum Infectious Diseases</i> , <b>2017</b> , 4, S34-S35	1	7
99	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> , <b>2020</b> , 39, 187-195	5.3	7
98	Comparison of Extraction Methods and Thermocyclers for SARS-CoV-2 Molecular Detection Using Clinical Specimens. <i>Journal of Clinical Microbiology</i> , <b>2020</b> , 58,	9.7	7
97	Evaluation of Surrogate Tests for the Presence of -Mediated Methicillin Resistance in Staphylococcus capitis, Staphylococcus haemolyticus, Staphylococcus hominis, and Staphylococcus warneri. <i>Journal of Clinical Microbiology</i> , <b>2020</b> , 59,	9.7	7
96	Antimicrobial Susceptibility Profiles of Staphylococcus aureus Isolates Recovered from Humans, Environmental Surfaces, and Companion Animals in Households of Children with Community-Onset Methicillin-Resistant S. aureus Infections. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 6634-7	5.9	6
95	The Brief Case: Staphylococcus intermedius Group-Look What the Dog Dragged In. <i>Journal of Clinical Microbiology</i> , <b>2018</b> , 56,	9.7	6
94	Multicenter Evaluation of the Etest Gradient Diffusion Method for Ceftolozane-Tazobactam Susceptibility Testing of Enterobacteriaceae and Pseudomonas aeruginosa. <i>Journal of Clinical Microbiology</i> , <b>2018</b> , 56,	9.7	6
93	Multicenter Clinical Evaluation of Etest Meropenem-Vaborbactam (bioMérieux) for Susceptibility Testing of ( ) and Pseudomonas aeruginosa. <i>Journal of Clinical Microbiology</i> , <b>2019</b> , 58,	9.7	6
92	De Novo meningitis caused by Propionibacterium acnes in a patient with metastatic melanoma. <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 1290-3	9.7	6
91	Sterility testing of apheresis hematopoietic progenitor cell products using an automated blood culture system. <i>Transfusion</i> , <b>2013</b> , 53, 2659-66	2.9	6
90	Genomic Prediction of Antimicrobial Resistance: Ready or Not, Here It Comes!. <i>Clinical Chemistry</i> , <b>2020</b> , 66, 1278-1289	5.5	6
89	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> , <b>2021</b> , 59,	9.7	6

88	Acute and persistent effects of commonly used antibiotics on the gut microbiome and resistome in healthy adults.. <i>Cell Reports</i> , <b>2022</b> , 39, 110649	10.6	6
87	Carriage of Cronobacter sakazakii in the Very Preterm Infant Gut. <i>Clinical Infectious Diseases</i> , <b>2018</b> , 67, 269-274	11.6	5
86	Two cases of fungal keratitis caused by. <i>Medical Mycology Case Reports</i> , <b>2018</b> , 21, 8-11	1.7	5
85	A case of Apophysomyces trapeziformis necrotizing soft tissue infection. <i>International Journal of Infectious Diseases</i> , <b>2013</b> , 17, e1240-2	10.5	5
84	Phenotypic and Genomic Profiling of Staphylococcus argenteus in Canada and the United States and Recommendations for Clinical Result Reporting. <i>Journal of Clinical Microbiology</i> , <b>2021</b> , 59,	9.7	5
83	Healthcare Worker Self-Contamination During Standard and Ebola Virus Disease Personal Protective Equipment Doffing. <i>Open Forum Infectious Diseases</i> , <b>2016</b> , 3,	1	5
82	Genomic Characterization of Emerging Bacterial Uropathogen Neisseria meningitidis, Which Was Misidentified as Neisseria gonorrhoeae by Nucleic Acid Amplification Testing. <i>Journal of Clinical Microbiology</i> , <b>2021</b> , 59,	9.7	5
81	Randomized Controlled Trial of Oral Vancomycin Treatment in Clostridioides difficile-Colonized Patients. <i>MSphere</i> , <b>2021</b> , 6,	5	5
80	Clostridium difficile colonization among patients with clinically significant diarrhea and no identifiable cause of diarrhea. <i>Infection Control and Hospital Epidemiology</i> , <b>2018</b> , 39, 1330-1333	2	5
79	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> , <b>2017</b> , 61,	5.9	4
78	HOME2 Study: Household Versus Personalized Decolonization in Households of Children With Methicillin-Resistant Staphylococcus aureus Skin and Soft Tissue Infection-A Randomized Clinical Trial. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e4568-e4577	11.6	4
77	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> , <b>2020</b> , 7, ofaa042	1	4
76	Comparing the Yield of Recovery with Static versus Agitated Broth Incubation. <i>Journal of Pathogens</i> , <b>2018</b> , 2018, 1462671	1.9	4
75	Incidence and Diagnostic Yield of Repeat Urine Culture in Hospitalized Patients: an Opportunity for Diagnostic Stewardship. <i>Journal of Clinical Microbiology</i> , <b>2019</b> , 57,	9.7	4
74	Clinical Impact of Revised Cefepime Breakpoint in Patients With Bacteremia. <i>Open Forum Infectious Diseases</i> , <b>2019</b> , 6, ofz341	1	4
73	Fecal carriage of methicillin-resistant Staphylococcus aureus and vancomycin-resistant Enterococcus in healthy children. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 1261-2	5.9	4
72	Graphium basitruncatum fungemia in an immunosuppressed child post stem-cell transplantation. <i>Medical Mycology Case Reports</i> , <b>2012</b> , 1, 35-8	1.7	4
71	Reply to "risks of 'blind' automated identification systems in medical microbiology". <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 3912	9.7	4

70	Antimicrobial Prodrug Activation by the Staphylococcal Glyoxalase GloB. <i>ACS Infectious Diseases</i> , <b>2020</b> , 6, 3064-3075	5.5	4
69	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> , <b>2021</b> , 59, e0042921	9.7	4
68	Carriage of the Toxic Shock Syndrome Toxin Gene by Contemporary Community-Associated Staphylococcus aureus Isolates. <i>Journal of the Pediatric Infectious Diseases Society</i> , <b>2019</b> , 8, 470-473	4.8	4
67	Pediatric Anaerobic Blood Culture Practices in Industrialized Countries. <i>journal of applied laboratory medicine, The</i> , <b>2019</b> , 3, 553-558	2	3
66	Renal abscess caused by a Providencia stuartii isolate biochemically misidentified as Pasteurella. <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 2775-7	9.7	3
65	From canines to humans: Clinical importance of Staphylococcus pseudintermedius. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009961	7.6	3
64	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> , <b>2020</b> , 55, 105864	14.3	3
63	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> , <b>2021</b> , 13, 1940792	8.8	3
62	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> , <b>2017</b> , 38, 619-621	2	2
61	Evaluation of telavancin susceptibility in isolates of Staphylococcus aureus with reduced susceptibility to vancomycin. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>2019</b> , 38, 2323-2330	5.3	2
60	Lack of Additional Diagnostic Yield of 16s rRNA Gene PCR for Prosthetic Joint Infections. <i>journal of applied laboratory medicine, The</i> , <b>2019</b> , 4, 224-228	2	2
59	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> , <b>2019</b> , 57,	9.7	2
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> , <b>2020</b> , 58,	9.7	2
57	Your Viral Past: A Comprehensive Method for Serological Profiling to Explore the Human Virome. <i>Clinical Chemistry</i> , <b>2016</b> , 62, 426-7	5.5	2
56	New Bugs and New Drugs: Updates in Clinical Microbiology. <i>journal of applied laboratory medicine, The</i> , <b>2018</b> , 2, 925-940	2	2
55	Diagnostic Performance of Multiplex Nucleic Acid Testing of Bronchoalveolar Lavage and Bronchial Wash Specimens for Respiratory Viral Pathogens. <i>Journal of Clinical Microbiology</i> , <b>2018</b> , 56,	9.7	2
54	Comparison of Urine Antigen Assays for the Diagnosis of Infection. <i>journal of applied laboratory medicine, The</i> , <b>2019</b> , 4, 370-382	2	2
53	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> , <b>2019</b> , 4,	5	2

52	Multi-omics investigation of -colonized patients reveals pathogen and commensal correlates of pathogenesis.. <i>ELife</i> , <b>2022</b> , 11,	8.9	2
51	Epidemiology of Bloodstream Infections <b>2017</b> , 163-181		2
50	Multicenter evaluation of the RAPIDEC <sup>®</sup> 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> , <b>2020</b> , 39, 2037-2044	5.3	2
49	Evaluation of the Risk of Laboratory Microbial Contamination during Routine Testing in Automated Clinical Chemistry and Microbiology Laboratories. <i>Clinical Chemistry</i> , <b>2020</b> , 66, 1190-1199	5.5	2
48	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, The</i> , <b>2020</b> , 5, 987-992	2	2
47	Evaluating the Rapid Emergence of Daptomycin Resistance in : a Multicenter Study. <i>Journal of Clinical Microbiology</i> , <b>2021</b> , 59,	9.7	2
46	Microbial Science Research in the Post-COVID Environment. <i>MBio</i> , <b>2021</b> , 12, e0111621	7.8	2
45	Best Practices for Detection of Bloodstream Infection. <i>journal of applied laboratory medicine, The</i> , <b>2019</b> , 3, 740-742	2	2
44	At-Home Testing for Infectious Diseases: The Laboratory Where You Live.. <i>Clinical Chemistry</i> , <b>2021</b> , 68, 19-26	5.5	2
43	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> , <b>2017</b> , 38, 1373-1375	2	1
42	Ceftolozane-tazobactam activity against phylogenetically diverse Clostridium difficile strains. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 7084-5	5.9	1
41	Carbapenem-resistant Enterobacterales in the USA. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 637-639	25.5	1
40	Reporting Considerations for Cefepime-Susceptible and -Susceptible-Dose Dependent Results for Carbapenemase-Producing. <i>Journal of Clinical Microbiology</i> , <b>2020</b> , 58,	9.7	1
39	Improving Characterization of Understudied Human Microbiomes Using Targeted Phylogenetics. <i>MSystems</i> , <b>2020</b> , 5,	7.6	1
38	Viral Diseases1 <b>2013</b> , 919-927		1
37	Closing the Brief Case: Bacteremia and Vertebral Osteomyelitis Due to Staphylococcus schleiferi. <i>Journal of Clinical Microbiology</i> , <b>2017</b> , 55, 3309-3310	9.7	1
36	Yeast-like intraleukocytic inclusions in a peripheral smear. <i>Blood</i> , <b>2012</b> , 119, 1105	2.2	1
35	Fever in a 20-Year-Old Returned Traveler. <i>Clinical Infectious Diseases</i> , <b>2013</b> , 56, 461-462	11.6	1



34	Evaluation of leukocyte and bacterial interference in point-of-care human chorionic gonadotropin tests. <i>Annals of Laboratory Medicine</i> , <b>2013</b> , 33, 455-6	3.1	1
33	Thigh Abscess Due to Haemophilus influenzae Type f in a Human Immunodeficiency Virus-Positive Child. <i>Infectious Diseases in Clinical Practice</i> , <b>2011</b> , 19, e21-e23	0.2	1
32	Laboratory Detection of Vancomycin Nonsusceptible Staphylococcus aureus. <i>Current Protocols in Microbiology</i> , <b>2011</b> , 22, 17.6.1	7.1	1
31	Comparative Genomics of Bacteroides fragilis Group Isolates Reveals Species-Dependent Resistance Mechanisms and Validates Clinical Tools for Resistance Prediction.. <i>MBio</i> , <b>2022</b> , e0360321	7.8	1
30	Comparative Genomics of Borderline Oxacillin-Resistant Staphylococcus aureus Detected during a Pseudo-outbreak of Methicillin-Resistant S. aureus in a Neonatal Intensive Care Unit.. <i>MBio</i> , <b>2022</b> , e0319621	7.8	1
29	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> , <b>2022</b> , JCM0300720	9.7	1
28	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> , <b>2022</b> , 12, 804175	5.9	1
27	Clinical impact of molecular identification of rare yeasts and nonsporulating molds recovered in culture from clinical specimens. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2020</b> , 96, 114945	2.9	1
26	A randomized controlled trial of GG on antimicrobial-resistant organism colonization. <i>Infection Control and Hospital Epidemiology</i> , <b>2021</b> , 1-7	2	1
25	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> , <b>2021</b> , 6, 1433-1440	2	1
24	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> , <b>2021</b> , 6, 1452-1462	2	1
23	Impact of Amoxicillin/Clavulanate and Autologous Fecal Microbiota Transplantation (FMT) on the Fecal Microbiome and Resistome. <i>Open Forum Infectious Diseases</i> , <b>2016</b> , 3,	1	1
22	Elevated MICs of Susceptible Antipseudomonal Cephalosporins in Non-Carbapenemase-Producing, Carbapenem-Resistant Pseudomonas aeruginosa: Implications for Dose Optimization. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2021</b> , 65, e0120421	5.9	1
21	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> , <b>2021</b> , 59, e0061721	9.7	1
20	Evaluation of PCR cycle threshold values by patient population with the quidel lyra SARS-CoV-2 assay. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2021</b> , 101, 115387	2.9	1
19	Prevalence and Characterization of the Cefazolin Inoculum Effect in North American Methicillin-Susceptible Staphylococcus aureus Isolates.. <i>Journal of Clinical Microbiology</i> , <b>2022</b> , e0249521	9.7	1
18	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> , <b>2020</b> , 41, 539-546	2	0
17	Substantial overlap between symptomatic and asymptomatic genitourinary microbiota states.. <i>Microbiome</i> , <b>2022</b> , 10, 6	16.6	0



16	Comparative Genomics of Mycobacterium avium Complex Reveals Signatures of Environment-Specific Adaptation and Community Acquisition. <i>MSystems</i> , <b>2021</b> , 6, e0119421	7.6	o
15	Be Serious: Posttraumatic Endophthalmitis. <i>Clinical Chemistry</i> , <b>2016</b> , 62, 37-9	5.5	o
14	Development and Validation of a Novel Anaerobic Carbapenem Inactivation Method (Ana-CIM) for the Detection of Carbapenemase Production in Bacteroides fragilis.. <i>Journal of Clinical Microbiology</i> , <b>2022</b> , e0218821	9.7	o
13	Multicenter Evaluation of Helicobacter pylori IgG Antibody Seroprevalence Among Patients Seeking Clinical Care in the US. <i>journal of applied laboratory medicine, The</i> , <b>2018</b> , 2, 904-913	2	
12	Photo quiz: A 58-year-old female with altered mental status. <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 3835, 4121	9.7	
11	Bacterial Diseases1 <b>2013</b> , 929-938		
10	Clinical use comparison of a semiautomated PCR with fluorescent ribotyping for typing of Clostridium difficile. <i>Archives of Microbiology</i> , <b>2017</b> , 199, 317-323	3	
9	Longitudinal Analysis of ICU Surface Multidrug-resistant Organism Contamination in the US and Pakistan. <i>Open Forum Infectious Diseases</i> , <b>2017</b> , 4, S150-S151	1	
8	HACEK organisms exhibit low minimum inhibitory concentrations to ertapenem. <i>Journal of Global Antimicrobial Resistance</i> , <b>2015</b> , 3, 149-150	3.4	
7	Commentary. <i>Clinical Chemistry</i> , <b>2013</b> , 59, 1308-9	5.5	
6	A 32-year-old male with a 2-month history of cough, fatigue, and weight loss. <i>Journal of Clinical Microbiology</i> , <b>2011</b> , 49, 3449, 3726	9.7	
5	Multicenter Evaluation of Processing and Analysis of College of American Pathologists (CAP) Proficiency Testing Samples by Laboratory Automation. <i>Journal of Clinical Microbiology</i> , <b>2021</b> , 59,	9.7	
4	Management of Cutibacterium acnes and total shoulder arthroplasty: has consensus been achieved?. <i>Seminars in Arthroplasty</i> , <b>2021</b> , 31, 96-104	0.4	
3	Assessment of the Urinary Microbiota of MSM Using Urine Culturomics Reveals a Diverse Microbial Environment.. <i>Clinical Chemistry</i> , <b>2021</b> , 68, 192-203	5.5	
2	The Impact of Implementing the Virtuo Blood Culture System on the Characteristics and Management of Patients with Staphylococcus aureus Bacteremia.. <i>Journal of Clinical Microbiology</i> , <b>2022</b> , e0226121	9.7	
1	Longitudinal Dynamics of Skin Bacterial Communities in the Context of Staphylococcus aureus Decolonization.. <i>Microbiology Spectrum</i> , <b>2022</b> , e0267221	8.9	