

Robin Patel

List of Publications by Year in descending order

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460
papers

27,397
citations

4960

84
h-index

8866

145
g-index

487
all docs

487
docs citations

487
times ranked

22921
citing authors

#	ARTICLE	IF	CITATIONS
1	Prosthetic Joint Infection. <i>Clinical Microbiology Reviews</i> , 2014, 27, 302-345.	13.6	1,284
2	Sonication of Removed Hip and Knee Prostheses for Diagnosis of Infection. <i>New England Journal of Medicine</i> , 2007, 357, 654-663.	27.0	1,200
3	Infection Associated with Prosthetic Joints. <i>New England Journal of Medicine</i> , 2009, 361, 787-794.	27.0	722
4	Nanomaterial-based therapeutics for antibiotic-resistant bacterial infections. <i>Nature Reviews Microbiology</i> , 2021, 19, 23-36.	28.6	617
5	Infections in solid-organ transplant recipients. <i>Clinical Microbiology Reviews</i> , 1997, 10, 86-124.	13.6	579
6	Synovial fluid leukocyte count and differential for the diagnosis of prosthetic knee infection. <i>American Journal of Medicine</i> , 2004, 117, 556-562.	1.5	527
7	The Challenge of Treating Biofilm-associated Bacterial Infections. <i>Clinical Pharmacology and Therapeutics</i> , 2007, 82, 204-209.	4.7	514
8	A Guide to Utilization of the Microbiology Laboratory for Diagnosis of Infectious Diseases: 2013 Recommendations by the Infectious Diseases Society of America (IDSA) and the American Society for Microbiology (ASM)a. <i>Clinical Infectious Diseases</i> , 2013, 57, e22-e121.	5.8	426
9	Randomized Trial of Rapid Multiplex Polymerase Chain Reaction–Based Blood Culture Identification and Susceptibility Testing. <i>Clinical Infectious Diseases</i> , 2015, 61, 1071-1080.	5.8	385
10	Microbiologic Diagnosis of Prosthetic Shoulder Infection by Use of Implant Sonication. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1878-1884.	3.9	383
11	MALDI-TOF MS for the Diagnosis of Infectious Diseases. <i>Clinical Chemistry</i> , 2015, 61, 100-111.	3.2	383
12	A Guide to Utilization of the Microbiology Laboratory for Diagnosis of Infectious Diseases: 2018 Update by the Infectious Diseases Society of America and the American Society for Microbiologya. <i>Clinical Infectious Diseases</i> , 2018, 67, e1-e94.	5.8	345
13	Biofilms and Antimicrobial Resistance. <i>Clinical Orthopaedics and Related Research</i> , 2005, &NA;, 41-47.	1.5	318
14	Report from the American Society for Microbiology COVID-19 International Summit, 23 March 2020: Value of Diagnostic Testing for SARS–CoV-2/COVID-19. <i>MBio</i> , 2020, 11, .	4.1	288
15	Identification of a novel pathogenic <i>Borrelia</i> species causing Lyme borreliosis with unusually high spirochaetaemia: a descriptive study. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 556-564.	9.1	287
16	From Clinical Microbiology to Infection Pathogenesis: How Daring To Be Different Works for <i>Staphylococcus lugdunensis</i> . <i>Clinical Microbiology Reviews</i> , 2008, 21, 111-133.	13.6	284
17	Molecular and Antibiofilm Approaches to Prosthetic Joint Infection. <i>Clinical Orthopaedics and Related Research</i> , 2003, 414, 69-88.	1.5	254
18	Comparative Evaluation of Two Commercial Multiplex Panels for Detection of Gastrointestinal Pathogens by Use of Clinical Stool Specimens. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3667-3673.	3.9	243

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19	Nosocomial Spread of Linezolid-Resistant, Vancomycin-Resistant <i>Enterococcus faecium</i> . <i>New England Journal of Medicine</i> , 2002, 346, 867-869.	27.0	238
20	Emergence of a New Pathogenic <i>Ehrlichia</i> Species, Wisconsin and Minnesota, 2009. <i>New England Journal of Medicine</i> , 2011, 365, 422-429.	27.0	236
21	A Guide to Utilization of the Microbiology Laboratory for Diagnosis of Infectious Diseases: 2018 Update by the Infectious Diseases Society of America and the American Society for Microbiology. <i>Clinical Infectious Diseases</i> , 2018, 67, 813-816.	5.8	225
22	Human Gut-Derived Commensal Bacteria Suppress CNS Inflammatory and Demyelinating Disease. <i>Cell Reports</i> , 2017, 20, 1269-1277.	6.4	218
23	Culture with BACTEC Peds Plus/F Bottle Compared with Conventional Methods for Detection of Bacteria in Synovial Fluid. <i>Journal of Clinical Microbiology</i> , 2001, 39, 4468-4471.	3.9	211
24	Prosthetic Joint Infection Diagnosis Using Broad-Range PCR of Biofilms Dislodged from Knee and Hip Arthroplasty Surfaces Using Sonication. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3501-3508.	3.9	206
25	Global spread of three multidrug-resistant lineages of <i>Staphylococcus epidermidis</i> . <i>Nature Microbiology</i> , 2018, 3, 1175-1185.	13.3	206
26	Comparison of Direct Colony Method versus Extraction Method for Identification of Gram-Positive Cocci by Use of Bruker Biotyper Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry. <i>Journal of Clinical Microbiology</i> , 2011, 49, 2868-2873.	3.9	204
27	Identification of Prosthetic Joint Infection Pathogens Using a Shotgun Metagenomics Approach. <i>Clinical Infectious Diseases</i> , 2018, 67, 1333-1338.	5.8	194
28	Infections Due to Nontuberculous Mycobacteria in Kidney, Heart, and Liver Transplant Recipients. <i>Clinical Infectious Diseases</i> , 1994, 19, 263-273.	5.8	192
29	Multiplex PCR detection of <i>vanA</i> , <i>vanB</i> , <i>vanC-1</i> , and <i>vanC-2/3</i> genes in enterococci. <i>Journal of Clinical Microbiology</i> , 1997, 35, 703-707.	3.9	185
30	Syndromic Panel-Based Testing in Clinical Microbiology. <i>Clinical Microbiology Reviews</i> , 2018, 31, .	13.6	182
31	CYTOMEGALOVIRUS PROPHYLAXIS IN SOLID ORGAN TRANSPLANT RECIPIENTS. <i>Transplantation</i> , 1996, 61, 1279-1289.	1.0	181
32	Sonication of Explanted Prosthetic Components in Bags for Diagnosis of Prosthetic Joint Infection Is Associated with Risk of Contamination. <i>Journal of Clinical Microbiology</i> , 2006, 44, 628-631.	3.9	174
33	Comparison of Bruker Biotyper Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometer to BD Phoenix Automated Microbiology System for Identification of Gram-Negative Bacilli. <i>Journal of Clinical Microbiology</i> , 2011, 49, 887-892.	3.9	174
34	Molecular and clinical epidemiology of carbapenem-resistant Enterobacterales in the USA (CRACKLE-2): a prospective cohort study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 731-741.	9.1	174
35	C-Reactive Protein, Erythrocyte Sedimentation Rate and Orthopedic Implant Infection. <i>PLoS ONE</i> , 2010, 5, e9358.	2.5	170
36	Small intestinal microbial dysbiosis underlies symptoms associated with functional gastrointestinal disorders. <i>Nature Communications</i> , 2019, 10, 1012.	12.8	168

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37	Rapid Molecular Microbiologic Diagnosis of Prosthetic Joint Infection. <i>Journal of Clinical Microbiology</i> , 2013, 51, 2280-2287.	3.9	159
38	Vancomycin-Resistant Enterococci: Colonization, Infection, Detection, and Treatment. <i>Mayo Clinic Proceedings</i> , 2006, 81, 529-536.	3.0	155
39	Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry in Clinical Microbiology. <i>Clinical Infectious Diseases</i> , 2013, 57, 564-572.	5.8	151
40	Considerations for the Use of Phage Therapy in Clinical Practice. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0207121.	3.2	151
41	Laboratory Diagnosis of Infective Endocarditis. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2599-2608.	3.9	149
42	Infectious Diseases Society of America Guidelines on the Diagnosis of Coronavirus Disease 2019 (COVID-19): Serologic Testing. <i>Clinical Infectious Diseases</i> , 2020, , .	5.8	148
43	Infectious Diseases Society of America Guidelines on the Diagnosis of Coronavirus Disease 2019. <i>Clinical Infectious Diseases</i> , 2020, , .	5.8	147
44	Direct Detection and Identification of Prosthetic Joint Infection Pathogens in Synovial Fluid by Metagenomic Shotgun Sequencing. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	146
45	<i>Borrelia mayonii</i> sp. nov., a member of the <i>Borrelia burgdorferi</i> sensu lato complex, detected in patients and ticks in the upper midwestern United States. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4878-4880.	1.7	145
46	Comparison of microbial DNA enrichment tools for metagenomic whole genome sequencing. <i>Journal of Microbiological Methods</i> , 2016, 127, 141-145.	1.6	141
47	New Strategies for Prevention and Therapy of Cytomegalovirus Infection and Disease in Solid-Organ Transplant Recipients. <i>Clinical Microbiology Reviews</i> , 2000, 13, 83-121.	13.6	140
48	OKT3 Treatment for Allograft Rejection Is a Risk Factor for Cytomegalovirus Disease in Liver Transplantation. <i>Journal of Infectious Diseases</i> , 1995, 171, 1014-1018.	4.0	135
49	The Infectious Diseases Society of America Guidelines on the Diagnosis of COVID-19: Molecular Diagnostic Testing. <i>Clinical Infectious Diseases</i> , 2021, , .	5.8	134
50	A Biofilm Approach to Detect Bacteria on Removed Spinal Implants. <i>Spine</i> , 2010, 35, 1218-1224.	2.0	133
51	Disseminated <i>Ureaplasma</i> infection as a cause of fatal hyperammonemia in humans. <i>Science Translational Medicine</i> , 2015, 7, 284re3.	12.4	132
52	Pilot Study of Association of Bacteria on Breast Implants with Capsular Contracture. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1333-1337.	3.9	131
53	Clinical and Epidemiological Features of <i>Enterococcus casseliflavus/flavescens</i> and <i>Enterococcus gallinarum</i> Bacteremia: A Report of 20 Cases. <i>Clinical Infectious Diseases</i> , 2001, 32, 1540-1546.	5.8	129
54	<i>Clostridioides difficile</i> uses amino acids associated with gut microbial dysbiosis in a subset of patients with diarrhea. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	128

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55	The Electricidal Effect: Reduction of <i>Staphylococcus</i> and <i>Pseudomonas</i> Biofilms by Prolonged Exposure to Low-Intensity Electrical Current. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 41-45.	3.2	125
56	Bacteremia Due to Viridans Group Streptococci with Diminished Susceptibility to Levofloxacin among Neutropenic Patients Receiving Levofloxacin Prophylaxis. <i>Clinical Infectious Diseases</i> , 2002, 34, 1469-1474.	5.8	124
57	Evaluation of a Commercial Multiplex Molecular Panel for Diagnosis of Infectious Meningitis and Encephalitis. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	123
58	Improved Diagnosis of Prosthetic Joint Infection by Culturing Periprosthetic Tissue Specimens in Blood Culture Bottles. <i>MBio</i> , 2016, 7, e01776-15.	4.1	122
59	Clinical outcomes and bacterial characteristics of carbapenem-resistant <i>Klebsiella pneumoniae</i> complex among patients from different global regions (CRACKLE-2): a prospective, multicentre, cohort study. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 401-412.	9.1	122
60	Seroconversion to Human Herpesvirus 6 following Liver Transplantation Is a Marker of Cytomegalovirus Disease. <i>Journal of Infectious Diseases</i> , 1997, 176, 1135-1140.	4.0	121
61	Phage Therapy for Limb-threatening Prosthetic Knee <i>Klebsiella pneumoniae</i> Infection: Case Report and In Vitro Characterization of Anti-biofilm Activity. <i>Clinical Infectious Diseases</i> , 2021, 73, e144-e151.	5.8	121
62	Frequency of Isolation of <i>Staphylococcus lugdunensis</i> among Staphylococcal Isolates Causing Endocarditis: a 20-Year Experience. <i>Journal of Clinical Microbiology</i> , 2000, 38, 4262-4263.	3.9	120
63	Evaluation of the Bruker Biotyper and Vitek MS Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry Systems for Identification of Nonfermenting Gram-Negative Bacilli Isolated from Cultures from Cystic Fibrosis Patients. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2034-2039.	3.9	118
64	Determination of 16S rRNA Sequences of Enterococci and Application to Species Identification of Nonmotile <i>Enterococcus gallinarum</i> Isolates. <i>Journal of Clinical Microbiology</i> , 1998, 36, 3399-3407.	3.9	118
65	Death from Inappropriate Therapy for Lyme Disease. <i>Clinical Infectious Diseases</i> , 2000, 31, 1107-1109.	5.8	113
66	Poly- <i>N</i> -Acetylglucosamine Is Not a Major Component of the Extracellular Matrix in Biofilms Formed by <i>Staphylococcus lugdunensis</i> Isolates. <i>Infection and Immunity</i> , 2007, 75, 4728-4742.	2.2	113
67	Identification of Anaerobic Bacteria by Bruker Biotyper Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry with On-Plate Formic Acid Preparation. <i>Journal of Clinical Microbiology</i> , 2013, 51, 782-786.	3.9	111
68	In Vitro Effects of Antimicrobial Agents on Planktonic and Biofilm Forms of <i>Staphylococcus lugdunensis</i> Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 888-895.	3.2	110
69	Formic Acid-Based Direct, On-Plate Testing of Yeast and <i>Corynebacterium</i> Species by Bruker Biotyper Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3093-3095.	3.9	107
70	Effect of Electrical Current on the Activities of Antimicrobial Agents against <i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , and <i>Staphylococcus epidermidis</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 35-40.	3.2	103
71	A Moldy Application of MALDI: MALDI-ToF Mass Spectrometry for Fungal Identification. <i>Journal of Fungi</i> (Basel, Switzerland), 2019, 5, 4.	3.5	102
72	Comparison of a Novel, Rapid Chromogenic Biochemical Assay, the Carba NP Test, with the Modified Hodge Test for Detection of Carbapenemase-Producing Gram-Negative Bacilli. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3097-3101.	3.9	100

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73	Lactobacillemia in Liver Transplant Patients. <i>Clinical Infectious Diseases</i> , 1994, 18, 207-212.	5.8	99
74	Identification of Non-diphtheriae <i>Corynebacterium</i> by Use of Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry. <i>Journal of Clinical Microbiology</i> , 2012, 50, 160-163.	3.9	98
75	In vitro activity of linezolid against vancomycin-resistant enterococci, methicillin-resistant staphylococcus aureus and penicillin-resistant streptococcus pneumoniae. <i>Diagnostic Microbiology and Infectious Disease</i> , 1999, 34, 119-122.	1.8	97
76	Evaluation of Caspofungin and Amphotericin B Deoxycholate against <i>Candida albicans</i> Biofilms in an Experimental Intravascular Catheter Infection Model. <i>Journal of Infectious Diseases</i> , 2006, 194, 710-713.	4.0	97
77	Impact of Contaminating DNA in Whole-Genome Amplification Kits Used for Metagenomic Shotgun Sequencing for Infection Diagnosis. <i>Journal of Clinical Microbiology</i> , 2017, 55, 1789-1801.	3.9	95
78	Clinical Characteristics and Outcomes of Prosthetic Joint Infection Caused by Small Colony Variant Staphylococci. <i>MBio</i> , 2014, 5, e01910-14.	4.1	93
79	Antifungal Agents. Part I. Amphotericin B Preparations and Flucytosine. <i>Mayo Clinic Proceedings</i> , 1998, 73, 1205-1225.	3.0	91
80	Three-Hour Molecular Detection of <i>Campylobacter</i> , <i>Salmonella</i> , <i>Yersinia</i> , and <i>Shigella</i> Species in Feces with Accuracy as High as That of Culture. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2929-2933.	3.9	91
81	A Prospective Comparison of Molecular Diagnostic Techniques for the Early Detection of Cytomegalovirus in Liver Transplant Recipients. <i>Journal of Infectious Diseases</i> , 1995, 171, 1010-1014.	4.0	90
82	Clinical impact of vancomycin-resistant enterococci. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 51, 13iii-21.	3.0	89
83	High risk of postinfectious irritable bowel syndrome in patients with <i>Clostridium difficile</i> infection. <i>Alimentary Pharmacology and Therapeutics</i> , 2016, 44, 576-582.	3.7	89
84	The Biopesticide <i>Paenibacillus popilliae</i> Has a Vancomycin Resistance Gene Cluster Homologous to the Enterococcal VanA Vancomycin Resistance Gene Cluster. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 705-709.	3.2	88
85	PRINCIPLES OF MOLECULAR MICROBIOLOGY TESTING METHODS. <i>Infectious Disease Clinics of North America</i> , 2001, 15, 1157-1204.	5.1	88
86	The Diagnosis of Prosthetic Joint Infection. <i>Clinical Orthopaedics and Related Research</i> , 2005, &NA;, 55-58.	1.5	88
87	Treatment with Linezolid or Vancomycin in Combination with Rifampin Is Effective in an Animal Model of Methicillin-Resistant <i>Staphylococcus aureus</i> Foreign Body Osteomyelitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1182-1186.	3.2	88
88	Microbiology of polymicrobial prosthetic joint infection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019, 94, 255-259.	1.8	88
89	Daptomycin treatment of <i>Staphylococcus aureus</i> experimental chronic osteomyelitis. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 57, 301-305.	3.0	84
90	Species of <i>Propionibacterium</i> and <i>Propionibacterium acnes</i> phylotypes associated with orthopedic implants. <i>Diagnostic Microbiology and Infectious Disease</i> , 2009, 64, 138-145.	1.8	84

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91	Diagnostic Stewardship: Opportunity for a Laboratoryâ€“Infectious Diseases Partnership. <i>Clinical Infectious Diseases</i> , 2018, 67, 799-801.	5.8	84
92	The Electricidal Effect Is Active in an Experimental Model of <i>Staphylococcus epidermidis</i> Chronic Foreign Body Osteomyelitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 4064-4068.	3.2	83
93	Cefiderocol Antimicrobial Susceptibility Testing Considerations: the Achilles' Heel of the Trojan Horse?. <i>Journal of Clinical Microbiology</i> , 2020, 59, .	3.9	83
94	Multiplex LightCycler PCR Assay for Detection and Differentiation of <i>Bordetella pertussis</i> and <i>Bordetella parapertussis</i> in Nasopharyngeal Specimens. <i>Journal of Clinical Microbiology</i> , 2002, 40, 96-100.	3.9	82
95	DNA Sequence Variation within <i>vanA</i> , <i>vanB</i> , <i>vanC-1</i> , and <i>vanC-2/3</i> Genes of Clinical <i>Enterococcus</i> Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 202-205.	3.2	80
96	Natural history of vancomycin-resistant enterococcal colonization in liver and kidney transplant recipients. <i>Liver Transplantation</i> , 2001, 7, 27-31.	2.4	80
97	Comparative Study of Antimicrobial Release Kinetics from Polymethylmethacrylate. <i>Clinical Orthopaedics and Related Research</i> , 2006, 445, 239-244.	1.5	79
98	Novel Approaches to the Diagnosis, Prevention, and Treatment of Medical Device-Associated Infections. <i>Infectious Disease Clinics of North America</i> , 2012, 26, 173-186.	5.1	78
99	Optimal Periprosthetic Tissue Specimen Number for Diagnosis of Prosthetic Joint Infection. <i>Journal of Clinical Microbiology</i> , 2017, 55, 234-243.	3.9	78
100	PROPHYLAXIS OF CYTOMEGALOVIRUS INFECTION IN LIVER TRANSPLANTATION. <i>Transplantation</i> , 1997, 64, 66-73.	1.0	78
101	Direct-from-Blood-Culture Disk Diffusion To Determine Antimicrobial Susceptibility of Gram-Negative Bacteria: Preliminary Report from the Clinical and Laboratory Standards Institute Methods Development and Standardization Working Group. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	73
102	Detection of cytomegalovirus DNA in sera of liver transplant recipients. <i>Journal of Clinical Microbiology</i> , 1994, 32, 1431-1434.	3.9	73
103	Importance of Using Bruker's Security-Relevant Library for Biotyper Identification of <i>Burkholderia pseudomallei</i> , <i>Brucella</i> Species, and <i>Francisella tularensis</i> . <i>Journal of Clinical Microbiology</i> , 2013, 51, 1639-1640.	3.9	72
104	<i>In Vitro</i> Activities of Ceftazidime-Avibactam, Aztreonam-Avibactam, and a Panel of Older and Contemporary Antimicrobial Agents against Carbapenemase-Producing Gram-Negative Bacilli. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7842-7846.	3.2	72
105	Unreliable Extended-Spectrum β -Lactamase Detection in the Presence of Plasmid-Mediated AmpC in <i>Escherichia coli</i> Clinical Isolates. <i>Journal of Clinical Microbiology</i> , 2009, 47, 358-361.	3.9	68
106	Low sensitivity of periprosthetic tissue PCR for prosthetic knee infection diagnosis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 79, 448-453.	1.8	68
107	<i>Corynebacterium</i> Prosthetic Joint Infection. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1518-1523.	3.9	67
108	Anaerobic prosthetic joint infection. <i>Anaerobe</i> , 2015, 36, 1-8.	2.1	66

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109	A Novel Prosthetic Joint Infection Pathogen, <i>Mycoplasma salivarium</i> , Identified by Metagenomic Shotgun Sequencing. <i>Clinical Infectious Diseases</i> , 2017, 65, 332-335.	5.8	66
110	SIGNIFICANCE OF CYTOMEGALOVIRUS FOR LONG-TERM SURVIVAL AFTER ORTHOTOPIC LIVER TRANSPLANTATION. <i>Transplantation</i> , 1998, 66, 1020-1028.	1.0	66
111	The bacterial aetiology of pleural empyema. A descriptive and comparative metagenomic study. <i>Clinical Microbiology and Infection</i> , 2019, 25, 981-986.	6.0	65
112	Randomized Trial Evaluating Clinical Impact of RAPid IDentification and Susceptibility Testing for Gram-negative Bacteremia: RAPIDS-GN. <i>Clinical Infectious Diseases</i> , 2021, 73, e39-e46.	5.8	65
113	Implant sonication for the diagnosis of prosthetic elbow infection. <i>Journal of Shoulder and Elbow Surgery</i> , 2011, 20, 1275-1281.	2.6	63
114	Comparison of three preparatory methods for detection of bacteremia by MALDI-TOF mass spectrometry. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 73, 21-26.	1.8	62
115	Comparison of Diagnostic Accuracy of Periprosthetic Tissue Culture in Blood Culture Bottles to That of Prosthesis Sonication Fluid Culture for Diagnosis of Prosthetic Joint Infection (PJI) by Use of Bayesian Latent Class Modeling and IDSA PJI Criteria for Classification. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	62
116	Optimized Pathogen Detection with 30- Compared to 20-Milliliter Blood Culture Draws. <i>Journal of Clinical Microbiology</i> , 2011, 49, 4047-4051.	3.9	61
117	Understanding Biofilms and Novel Approaches to the Diagnosis, Prevention, and Treatment of Medical Device-Associated Infections. <i>Infectious Disease Clinics of North America</i> , 2018, 32, 915-929.	5.1	61
118	In vitro biofilm characterization and activity of antifungal agents alone and in combination against sessile and planktonic clinical <i>Candida albicans</i> isolates. <i>Diagnostic Microbiology and Infectious Disease</i> , 2007, 57, 277-281.	1.8	59
119	Rapid and Sensitive Detection of Shiga Toxin-Producing <i>Escherichia coli</i> from Nonenriched Stool Specimens by Real-Time PCR in Comparison to Enzyme Immunoassay and Culture. <i>Journal of Clinical Microbiology</i> , 2009, 47, 2008-2012.	3.9	59
120	Evaluation of the CosmosID Bioinformatics Platform for Prosthetic Joint-Associated Sonicate Fluid Shotgun Metagenomic Data Analysis. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	59
121	U.S.-Based National Sentinel Surveillance Study for the Epidemiology of <i>Clostridium difficile</i> -Associated Diarrheal Isolates and Their Susceptibility to Fidaxomicin. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6437-6443.	3.2	58
122	Comparison of Whole-Genome Sequencing Methods for Analysis of Three Methicillin-Resistant <i>Staphylococcus aureus</i> Outbreaks. <i>Journal of Clinical Microbiology</i> , 2017, 55, 1946-1953.	3.9	58
123	Linezolid Therapy of <i>Staphylococcus aureus</i> Experimental Osteomyelitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 3438-3440.	3.2	57
124	Laboratory and Clinical Characteristics of <i>Staphylococcus lugdunensis</i> Prosthetic Joint Infections. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1600-1603.	3.9	57
125	Effect of gamma irradiation on viability and DNA of <i>Staphylococcus epidermidis</i> and <i>Escherichia coli</i> . <i>Journal of Medical Microbiology</i> , 2006, 55, 1271-1275.	1.8	56
126	Controlled Delivery of Vancomycin via Charged Hydrogels. <i>PLoS ONE</i> , 2016, 11, e0146401.	2.5	56

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127	In vitro activity of dalbavancin against biofilms of staphylococci isolated from prosthetic joint infections. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 85, 449-451.	1.8	56
128	Antibacterial and Biocompatible Titanium-Copper Oxide Coating May Be a Potential Strategy to Reduce Periprosthetic Infection: An In Vitro Study. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 722-732.	1.5	55
129	<i>Enterococcus faecalis</i> readily colonizes the entire gastrointestinal tract and forms biofilms in a germ-free mouse model. <i>Virulence</i> , 2017, 8, 282-296.	4.4	55
130	Diagnosis of Prosthetic Joint Infection by Use of PCR-Electrospray Ionization Mass Spectrometry. <i>Journal of Clinical Microbiology</i> , 2014, 52, 642-649.	3.9	54
131	Individualized Approaches Are Needed for Optimized Blood Cultures. <i>Clinical Infectious Diseases</i> , 2016, 63, 1332-1339.	5.8	54
132	COVID-19—Lessons Learned and Questions Remaining. <i>Clinical Infectious Diseases</i> , 2021, 72, 2225-2240.	5.8	54
133	INFECTIONS IN RECIPIENTS OF KIDNEY TRANSPLANTS. <i>Infectious Disease Clinics of North America</i> , 2001, 15, 901-952.	5.1	52
134	Reevaluation of <i>Streptococcus bovis</i> Endocarditis Cases from 1975 to 1985 by 16S Ribosomal DNA Sequence Analysis. <i>Journal of Clinical Microbiology</i> , 2002, 40, 3848-3850.	3.9	52
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