Jesse T Jacob

List of Publications by Year in descending order

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126	3,306	27	52
papers	citations	h-index	g-index
130	130	130	4255
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Epidemiology of Carbapenem-Resistant Enterobacteriaceae in 7 US Communities, 2012-2013. JAMA - Journal of the American Medical Association, 2015, 314, 1479.	3.8	272
2	Universal Glove and Gown Use and Acquisition of Antibiotic-Resistant Bacteria in the ICU. JAMA - Journal of the American Medical Association, 2013, 310, 1571-80.	3.8	256
3	Molecular and clinical epidemiology of carbapenem-resistant Enterobacterales in the USA (CRACKLE-2): a prospective cohort study. Lancet Infectious Diseases, The, 2020, 20, 731-741.	4.6	174
4	Viral infections associated with haemophagocytic syndrome. Reviews in Medical Virology, 2010, 20, 93-105.	3.9	151
5	Risk Factors Associated With SARS-CoV-2 Seropositivity Among US Health Care Personnel. JAMA Network Open, 2021, 4, e211283.	2.8	112
6	Antibiotic combinations that exploit heteroresistance to multiple drugs effectively control infection. Nature Microbiology, 2019, 4, 1627-1635.	5.9	102
7	High vancomycin minimum inhibitory concentration and clinical outcomes in adults with methicillin-resistant Staphylococcus aureus infections: a meta-analysis. International Journal of Infectious Diseases, 2013, 17, e93-e100.	1.5	101
8	Aspergillus endocarditis: a review of the literature. International Journal of Infectious Diseases, 2010, 14, e1040-e1047.	1.5	99
9	Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Exhibiting Clinically Undetected Colistin Heteroresistance Leads to Treatment Failure in a Murine Model of Infection. MBio, 2018, 9, .	1.8	84
10	Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> at US Emerging Infections Program Sites, 2015. Emerging Infectious Diseases, 2019, 25, 1281-1288.	2.0	82
11	Acute Forms of Tuberculosis in Adults. American Journal of Medicine, 2009, 122, 12-17.	0.6	81
12	Quantification of Occupational and Community Risk Factors for SARS-CoV-2 Seropositivity Among Health Care Workers in a Large U.S. Health Care System. Annals of Internal Medicine, 2021, 174, 649-654.	2.0	77
13	Assessment of the Overall and Multidrug-Resistant Organism Bioburden on Environmental Surfaces in Healthcare Facilities. Infection Control and Hospital Epidemiology, 2016, 37, 1426-1432.	1.0	74
14	Human Factors Risk Analyses of a Doffing Protocol for Ebola-Level Personal Protective Equipment: Mapping Errors to Contamination. Clinical Infectious Diseases, 2018, 66, 950-958.	2.9	63
15	Male genital tuberculosis. Lancet Infectious Diseases, The, 2008, 8, 335-342.	4.6	58
16	Carbapenem-Nonsusceptible <i>Acinetobacter baumannii</i> , 8 US Metropolitan Areas, 2012–2015. Emerging Infectious Diseases, 2018, 24, 727-734.	2.0	57
17	Widespread cefiderocol heteroresistance in carbapenem-resistant Gram-negative pathogens. Lancet Infectious Diseases, The, 2021, 21, 597-598.	4.6	53
18	Hospitalized Patients With and Without Hemodialysis Have Markedly Different Vancomycin Pharmacokinetics: A Population Pharmacokinetic Model-Based Analysis. Therapeutic Drug Monitoring, 2018, 40, 212-221.	1.0	50

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19	Distribution of Pathogens in Central Line–Associated Bloodstream Infections among Patients with and without Neutropenia following Chemotherapy Evidence for a Proposed Modification to the Current Surveillance Definition. Infection Control and Hospital Epidemiology, 2013, 34, 171-175.	1.0	48
20	Severity of Human Rhinovirus Infection in Immunocompromised Adults Is Similar to That of 2009 H1N1 Influenza. Journal of Clinical Microbiology, 2012, 50, 1061-1063.	1.8	46
21	The Stigmatization of Leprosy in India and Its Impact on Future Approaches to Elimination and Control. PLoS Neglected Tropical Diseases, 2008, 2, e113.	1.3	45
22	Emerging trends in antibiotic use in US hospitals: quality, quantification and stewardship. Expert Review of Anti-Infective Therapy, 2010, 8, 893-902.	2.0	43
23	Transplantation and tropical infectious diseases. International Journal of Infectious Diseases, 2010, 14, e189-e196.	1.5	43
24	Microbial Biofilms on Needleless Connectors for Central Venous Catheters: Comparison of Standard and Silver-Coated Devices Collected from Patients in an Acute Care Hospital. Journal of Clinical Microbiology, 2014, 52, 823-831.	1.8	36
25	The incremental cost of infections associated with multidrugâ€resistant organisms in the inpatient hospital settingâ€"A national estimate. Health Services Research, 2019, 54, 782-792.	1.0	36
26	Catheter-Associated Urinary Tract Infections in Adults: Diagnosis, Treatment, and Prevention. Journal of Hospital Medicine, 2020, 15, 552-556.	0.7	35
27	Assessing Viral Transfer During Doffing of Ebola-Level Personal Protective Equipment in a Biocontainment Unit. Clinical Infectious Diseases, 2018, 66, 945-949.	2.9	33
28	Marvelous but Morbid. Infectious Diseases in Clinical Practice, 2016, 24, 143-150.	0.1	29
29	Common Behaviors and Faults When Doffing Personal Protective Equipment for Patients With Serious Communicable Diseases. Clinical Infectious Diseases, 2019, 69, S214-S220.	2.9	29
30	Colistin Heteroresistance Is Largely Undetected among Carbapenem-Resistant <i>Enterobacterales</i> in the United States. MBio, 2021, 12, .	1.8	29
31	Review of Machine Learning in Lung Ultrasound in COVID-19 Pandemic. Journal of Imaging, 2022, 8, 65.	1.7	29
32	Evidence-Based Design of Healthcare Facilities: Opportunities for Research and Practice in Infection Prevention. Infection Control and Hospital Epidemiology, 2013, 34, 514-516.	1.0	27
33	Carbapenem-Resistant Acinetobacter baumannii in U.S. Hospitals: Diversification of Circulating Lineages and Antimicrobial Resistance. MBio, 2022, 13, e0275921.	1.8	27
34	Disparity in Quality of Infectious Disease vs Addiction Care Among Patients With Injection Drug Use–Associated Staphylococcus aureus Bacteremia. Open Forum Infectious Diseases, 2019, 6, ofz289.	0.4	26
35	The Role of the Hospital Environment in Preventing Healthcare-Associated Infections Caused by Pathogens Transmitted through the Air. Herd, 2013, 7, 74-98.	0.9	25
36	Antibiotic use in US hospitals: quantification, quality measures and stewardship. Expert Review of Anti-Infective Therapy, 2015, 13, 843-854.	2.0	25

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37	Delayed Diagnosis, Leprosy Reactions, and Nerve Injury Among Individuals With Hansen's Disease Seen at a United States Clinic. Open Forum Infectious Diseases, 2016, 3, ofw063.	0.4	24
38	Design strategies to improve healthcare worker safety in biocontainment units: learning from ebola preparedness. Infection Control and Hospital Epidemiology, 2018, 39, 961-967.	1.0	24
39	A Nationwide Screen of Carbapenem-Resistant Klebsiella pneumoniae Reveals an Isolate with Enhanced Virulence and Clinically Undetected Colistin Heteroresistance. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	23
40	Age, Comorbid Conditions, and Racial Disparities in COVID-19 Outcomes. Journal of Racial and Ethnic Health Disparities, 2022, 9, 117-123.	1.8	23
41	The Role of Facility Design in Preventing the Transmission of Healthcare-Associated Infections: Background and Conceptual Framework. Herd, 2013, 7, 18-30.	0.9	22
42	Severity of Rhinovirus Infection in Hospitalized Adults Is Unrelated to Genotype. American Journal of Clinical Pathology, 2014, 142, 165-172.	0.4	22
43	Impact of Universal Gowning and Gloving on Health Care Worker Clothing Contamination. Infection Control and Hospital Epidemiology, 2015, 36, 431-437.	1.0	22
44	Close Patient Follow-up Among Patients Receiving Outpatient Parenteral Antimicrobial Therapy. Clinical Infectious Diseases, 2020, 70, 67-74.	2.9	21
45	Molecular Characterization of Carbapenem-Resistant Enterobacterales Collected in the United States. Microbial Drug Resistance, 2022, 28, 389-397.	0.9	21
46	The Role of the Hospital Environment in the Prevention of Healthcare-Associated Infections by Contact Transmission. Herd, 2013, 7, 46-73.	0.9	20
47	Preventability of hospital onset bacteremia and fungemia: A pilot study of a potential healthcare-associated infection outcome measure. Infection Control and Hospital Epidemiology, 2019, 40, 358-361.	1.0	20
48	Does cefiderocol heteroresistance explain the discrepancy between the APEKS-NP and CREDIBLE-CR clinical trial results?. Lancet Microbe, The, 2021, 2, e648-e649.	3.4	20
49	Design Strategies for Biocontainment Units to Reduce Risk During Doffing of High-level Personal Protective Equipment. Clinical Infectious Diseases, 2019, 69, S241-S247.	2.9	19
50	The impact of an electronic medical record nudge on reducing testing for hospital-onset <i>Clostridioides difficile</i> infection. Infection Control and Hospital Epidemiology, 2020, 41, 411-417.	1.0	18
51	Web-Based Training Improves Knowledge about Central Line Bloodstream Infections. Infection Control and Hospital Epidemiology, 2011, 32, 1219-1222.	1.0	17
52	Sustained decrease in urine culture utilization after implementing a reflex urine culture intervention: A multicenter quasi-experimental study. Infection Control and Hospital Epidemiology, 2020, 41, 369-371.	1.0	17
53	Preventing healthcare-associated infections through human factors engineering. Current Opinion in Infectious Diseases, 2018, 31, 353-358.	1.3	15
54	Effect of meteorological factors and geographic location on methicillin-resistant Staphylococcus aureus and vancomycin-resistant enterococci colonization in the US. PLoS ONE, 2017, 12, e0178254.	1.1	15

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55	The Role of Water in the Transmission of Healthcare-Associated Infections: Opportunities for Intervention through the Environment. Herd, 2013, 7, 99-126.	0.9	14
56	Making the invisible visible: Why does design matter for safe doffing of personal protection equipment?. Infection Control and Hospital Epidemiology, 2018, 39, 1375-1377.	1.0	14
57	Comparison of Rates of Central Line–Associated Bloodstream Infections in Patients With 1 vs 2 Central Venous Catheters. JAMA Network Open, 2020, 3, e200396.	2.8	13
58	Five-year Experience with Type 1 and Type 2 Reactions in Hansen Disease at a US Travel Clinic. American Journal of Tropical Medicine and Hygiene, 2008, 79, 452-454.	0.6	13
59	Clinical Decision Support Systems to Reduce Unnecessary <i>Clostridioides difficile</i> Testing Across Multiple Hospitals. Clinical Infectious Diseases, 2022, 75, 1187-1193.	2.9	13
60	Targeting Asymptomatic Bacteriuria in Antimicrobial Stewardship: the Role of the Microbiology Laboratory. Journal of Clinical Microbiology, 2020, 58, .	1.8	12
61	Prevalence of colistin heteroresistance in carbapenem-resistant <i>Pseudomonas aeruginosa</i> and association with clinical outcomes in patients: an observational study. Journal of Antimicrobial Chemotherapy, 2022, 77, 793-798.	1.3	12
62	The Role of Facility Design in Preventing Healthcare-Associated Infection: Interventions, Conclusions, and Research Needs. Herd, 2013, 7, 127-139.	0.9	11
63	Epidemiology of Methicillin-ResistantStaphylococcus aureusBloodstream Coinfection Among Adults With Candidemia in Atlanta, GA, 2008–2012. Infection Control and Hospital Epidemiology, 2015, 36, 1298-1304.	1.0	11
64	Ebola or Not? Evaluating the Ill Traveler From Ebola-Affected Countries in West Africa. Open Forum Infectious Diseases, 2016, 3, ofw005.	0.4	11
65	High Risk of Prosthetic Valve Endocarditis and Death After Valve Replacement Operations in Dialysis Patients. Annals of Thoracic Surgery, 2016, 101, 2217-2223.	0.7	10
66	Diagnostic Importance of Hyphae on Heart Valve Tissue in Histoplasma Endocarditis and Treatment With Isavuconazole. Open Forum Infectious Diseases, 2017, 4, ofx241.	0.4	10
67	Remote Antimicrobial Stewardship: A Solution for Meeting The Joint Commission Stewardship Standard?. Hospital Pharmacy, 2019, 54, 51-56.	0.4	10
68	Occupational risk factors for severe acute respiratory coronavirus virus 2 (SARS-CoV-2) infection among healthcare personnel: A cross-sectional analysis of subjects enrolled in the COVID-19 Prevention in Emory Healthcare Personnel (COPE) study. Infection Control and Hospital Epidemiology, 2022, 43, 381-386.	1.0	10
69	Electronic Documentation of Central Venous Catheter—Days: Validation Is Essential. Infection Control and Hospital Epidemiology, 2013, 34, 899-907.	1.0	9
70	A Multicenter Study Measuring Appropriateness of Carbapenem Use. Infection Control and Hospital Epidemiology, 2013, 34, 1324-1326.	1.0	8
71	Electronic Documentation of Central Venous Catheter—Days: Validation Is Essential. Infection Control and Hospital Epidemiology, 2013, 34, 899-907.	1.0	8
72	Querying Automated Antibiotic Susceptibility Testing Instruments: A Novel Population-Based Active Surveillance Method for Multidrug-Resistant Gram-Negative Bacilli. Infection Control and Hospital Epidemiology, 2014, 35, 336-341.	1.0	8

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73	Comparison of a Silver-Coated Needleless Connector and a Standard Needleless Connector for the Prevention of Central Line-Associated Bloodstream Infections. Infection Control and Hospital Epidemiology, 2015, 36, 294-301.	1.0	8
74	Epidemiology of extended-spectrum \hat{l}^2 -lactamase \hat{a} for producing Enterobacterales in five US sites participating in the Emerging Infections Program, 2017. Infection Control and Hospital Epidemiology, 2022, 43, 1586-1594.	1.0	8
75	Distinctive Features of Ertapenem-Mono-Resistant Carbapenem-Resistant Enterobacterales in the United States: A Cohort Study. Open Forum Infectious Diseases, 2022, 9, ofab643.	0.4	8
76	Occupational risk factors for severe acute respiratory coronavirus virus 2 (SARS-CoV-2) infection among healthcare personnel: A 6-month prospective analysis of the COVID-19 Prevention in Emory Healthcare Personnel (COPE) Study. Infection Control and Hospital Epidemiology, 2022, , 1-8.	1.0	7
77	Two Patients with Leprosy and the Sudden Appearance of Inflammation in the Skin and New Sensory Loss. PLoS Neglected Tropical Diseases, 2009, 3, e425.	1.3	6
78	Evaluating Movement of Patients With Carbapenem-resistant <i>Enterobacteriaceae</i> Infections in the Greater Atlanta Metropolitan Area Using Social Network Analysis. Clinical Infectious Diseases, 2020, 70, 75-81.	2.9	6
79	Poor outcomes in both infection and colonization with carbapenem-resistant Enterobacterales. Infection Control and Hospital Epidemiology, 2022, 43, 1840-1846.	1.0	6
80	Five-year experience with type 1 and type 2 reactions in Hansen disease at a US travel clinic. American Journal of Tropical Medicine and Hygiene, 2008, 79, 452-4.	0.6	6
81	Efficacy of Noncarbapenem β-Lactams Compared to Carbapenems for Extended-Spectrum β-Lactamase–Producing Enterobacterales Urinary Tract Infections. Open Forum Infectious Diseases, 2022, 9, ofac034.	0.4	6
82	Antimicrobial Resistance Through the Lens of One Health in Ethiopia: A Review of the Literature Among Humans, Animals, and the Environment. International Journal of Infectious Diseases, 2022, 119, 120-129.	1.5	6
83	Impact of multiple concurrent central lines on central-line–associated bloodstream infection rates. Infection Control and Hospital Epidemiology, 2019, 40, 1019-1023.	1.0	5
84	Variability in the Duration and Thoroughness of Hand Hygiene. Clinical Infectious Diseases, 2019, 69, S221-S223.	2.9	5
85	Retinopathy and Systemic Disease Morbidity in Severe COVID-19. Ocular Immunology and Inflammation, 2021, 29, 743-750.	1.0	5
86	Bacteraemia with an MBL-producing <i>Klebsiella pneumoniae</i> : treatment and the potential role of cefiderocol heteroresistance. Journal of Antimicrobial Chemotherapy, 2022, 77, 2569-2571.	1.3	5
87	Decrease in Candida bloodstream infections in veterans in Atlanta. American Journal of Infection Control, 2016, 44, 488-490.	1.1	4
88	Antimicrobial stewardship interventions to minimize healthcare worker exposure to SARS-CoV-2. Infection Control and Hospital Epidemiology, 2021, 42, 645-646.	1.0	4
89	Development and evaluation of a structured guide to assess the preventability of hospital-onset bacteremia and fungemia. Infection Control and Hospital Epidemiology, 2022, 43, 1326-1332.	1.0	4
90	Risk factors for isolation of carbapenem-resistant Enterobacterales from normally sterile sites and urine. American Journal of Infection Control, 2022, 50, 929-933.	1.1	4

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91	Elucidating the Known Unknowns of Sepsis*. Critical Care Medicine, 2015, 43, 237-238.	0.4	3
92	Comparison of 30- and 90-Day Mortality Rates in Patients with Cultures Positive for Carbapenem-resistant Enterobacteriaceae and Acinetobacter in Atlanta, 2011–2015. Open Forum Infectious Diseases, 2017, 4, S44-S44.	0.4	3
93	Improving the communication of hand hygiene procedures: Controlled observation, redesign, and randomized group comparisons. Infection Control and Hospital Epidemiology, 2021, 42, 194-202.	1.0	3
94	Carbapenem-resistant Enterobacterales bacteriuria and subsequent bacteremia: A population-based study. Infection Control and Hospital Epidemiology, 2021, 42, 962-967.	1.0	3
95	Mortality in patients with carbapenem-resistant Pseudomonas aeruginosa with and without susceptibility to traditional antipseudomonal \hat{l}^2 -lactams. JAC-Antimicrobial Resistance, 2021, 3, dlab187.	0.9	3
96	Healthcare design to improve safe doffing of personal protective equipment for care of patients with COVID-19. Infection Control and Hospital Epidemiology, 2022, 43, 1796-1805.	1.0	3
97	Cytomegalovirus cystitis with bladder wall dehiscence in a patient with AIDS. Aids, 2008, 22, 795-796.	1.0	2
98	Multicenter Evaluation of Viral Self-Contamination during Doffing of Ebola-Level Personal Protective Equipment. American Journal of Infection Control, 2017, 45, S17.	1.1	2
99	Ceftazidime–avibactam Susceptibility Patterns in Carbapenem-Resistant Enterobacteriaceae in the USA: Results from the Consortium on Resistance against Carbapenems in Klebsiella and Other Enterobacteriaceae (CRACKLE-2). Open Forum Infectious Diseases, 2017, 4, S133-S134.	0.4	2
100	1761. Effect of Carbapenem-Resistant Enterobacteriaceae (CRE) Surveillance Case Definition Change on CRE Epidemiologyâ€"Selected US Sites, 2015â€"2016. Open Forum Infectious Diseases, 2018, 5, S61-S62.	0.4	2
101	Predictors of Surgical Intervention in Dialysis Patients With Infective Endocarditis. Open Forum Infectious Diseases, 2018, 5, ofy265.	0.4	2
102	Hospitalists as Integral Stakeholders in Antimicrobial Stewardship. Current Treatment Options in Infectious Diseases, 2018, 10, 240-248.	0.8	2
103	Healthcare worker mental models of patient care tasks in the context of infection prevention and control. Infection Control and Hospital Epidemiology, 2022, 43, 1123-1128.	1.0	2
104	Reductions in inpatient fluoroquinolone use and postdischarge Clostridioides difficile infection (CDI) from a systemwide antimicrobial stewardship intervention. Antimicrobial Stewardship & Healthcare Epidemiology, $2021,1,$	0.2	2
105	Outbreak of severe acute respiratory coronavirus virus 2 (SARS-CoV-2) in hospitalized hemodialysis patients: An epidemiologic and genomic investigation. Infection Control and Hospital Epidemiology, 2021, , 1-3.	1.0	2
106	Recurrence of Positive Cultures for Carbapenem-Resistant Enterobacteriaceae in Atlanta. Open Forum Infectious Diseases, 2016, 3, .	0.4	1
107	Surveillance for Carbapenem-Resistant Pseudomonas aeruginosa at Five United States Sites—2015. Open Forum Infectious Diseases, 2016, 3, .	0.4	1
108	Swimming with the Pigs: A Case of Severe Soft Tissue Infection during a Caribbean Vacation. Case Reports in Infectious Diseases, 2018, 2018, 1-3.	0.2	1

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109	Antimicrobial Stewardship in the Hematopoietic Stem Cell Transplant Population. Current Treatment Options in Infectious Diseases, 2018, 10, 249-262.	0.8	1
110	Absence of mgrB Alleviates Negative Growth Effects of Colistin Resistance in Enterobacter cloacae. Antibiotics, 2020, 9, 825.	1.5	1
111	COVID-19 or common coronavirus? A cautionary tale in advanced diagnostics. Diagnosis, 2020, 7, 345-346.	1.2	1
112	Evaluation of Discrepancies in Carbapenem Minimum Inhibitory Concentrations Obtained at Clinical Laboratories Compared to a Public Health Laboratory. Infection Control and Hospital Epidemiology, 2020, 41, s474-s476.	1.0	1
113	Fusobacterium Nucleatum: An Uncommon Cause of Pyogenic Liver Abscess. American Journal of Gastroenterology, 2007, 102, S373.	0.2	0
114	Acute Dyspnea After Colonoscopy. American Journal of the Medical Sciences, 2012, 343, 327.	0.4	0
115	Reply to Freeman et al. Infection Control and Hospital Epidemiology, 2013, 34, 763-764.	1.0	0
116	1286Blood Product Transfusions and the Risk of Central Line-Associated Bloodstream Infections (CLABSI). Open Forum Infectious Diseases, 2014, 1, S47-S47.	0.4	0
117	Use of adenosine 5′-triphosphate bioluminescence assays to measure cleaning: The role of spores and Clostridium difficile infection rates. American Journal of Infection Control, 2014, 42, 1138.	1.1	0
118	Treatment of Carbapenem-Resistant Enterobacteriaceae (CRE) in 6 US communities. Open Forum Infectious Diseases, $2016, 3, .$	0.4	0
119	Defining the Current Landscape of Ventilator-Associated Events. Critical Care Medicine, 2016, 44, 2280-2281.	0.4	0
120	Is There a Correlation Between Infection Control Performance and Other Hospital Quality Measures?. Infection Control and Hospital Epidemiology, 2017, 38, 736-739.	1.0	0
121	Commentary on: Incidence and Risk Factors for Major Surgical Site Infections in Aesthetic Surgery: Analysis of 129,007 Patients. Aesthetic Surgery Journal, 2017, 37, 100-102.	0.9	0
122	1020. Injection Drug Use-Associated Staphylococcus aureus Bacteremia in a Large Urban Hospital in Atlanta, Georgia. Open Forum Infectious Diseases, 2018, 5, S304-S304.	0.4	0
123	A 48-year-old man with acute, 'knife-like' rectal pain Cleveland Clinic Journal of Medicine, 2006, 73, 1028-1029.	0.6	O
124	Using nasal povidone-iodine to prevent bloodstream infections and transmission of Staphylococcus aureus among haemodialysis patients: a stepped-wedge cluster randomised control trial protocol. BMJ Open, 2021, 11, e048830.	0.8	0
125	Mycobacterium bovis Bacillus Calmette-Guérin Cross-Contamination in the Operating Room: A Case Report. Journal of Investigative Medicine High Impact Case Reports, 2021, 9, 232470962110662.	0.3	0
126	Sepsis: The Gift That Keeps Giving*. Critical Care Medicine, 2022, 50, 689-691.	0.4	0