John Dekker

List of Publications by Year
in descending order

48	2,646	257450	276875
papers	citations	24	41
		h-index	g-index

48	48	48	3713
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-molecule sequencing to track plasmid diversity of hospital-associated carbapenemase-producing Enterobacteriaceae. Science Translational Medicine, 2014, 6, 254ra126.	12.4	307
2	Insertion Sequence IS *26* Reorganizes Plasmids in Clinically Isolated Multidrug-Resistant Bacteria by Replicative Transposition. MBio, 2015, 6, e00762.	4.1	256
3	Difficult-to-Treat Resistance in Gram-negative Bacteremia at 173 US Hospitals: Retrospective Cohort Analysis of Prevalence, Predictors, and Outcome of Resistance to All First-line Agents. Clinical Infectious Diseases, 2018, 67, 1803-1814.	5.8	234
4	Prevalence of Antibiotic-Resistant Pathogens in Culture-Proven Sepsis and Outcomes Associated With Inadequate and Broad-Spectrum Empiric Antibiotic Use. JAMA Network Open, 2020, 3, e202899.	5.9	190
5	A Model for Transposition of the Colistin Resistance Gene *mcr-1* by IS *Apl1*. Antimicrobial Agents and Chemotherapy, 2016, 60, 6973-6976.	3.2	153
6	Inappropriate empirical antibiotic therapy for bloodstream infections based on discordant in-vitro susceptibilities: a retrospective cohort analysis of prevalence, predictors, and mortality risk in US hospitals. Lancet Infectious Diseases, The, 2021, 21, 241-251.	9.1	130
7	Plasmid Dynamics in KPC-Positive Klebsiella pneumoniae during Long-Term Patient Colonization. MBio, 2016, 7, .	4.1	126
8	A Rapid Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry-Based Method for Single-Plasmid Tracking in an Outbreak of Carbapenem-Resistant Enterobacteriaceae. Journal of Clinical Microbiology, 2014, 52, 2804-2812.	3.9	125
9	Rapid Nanopore Sequencing of Plasmids and Resistance Gene Detection in Clinical Isolates. Journal of Clinical Microbiology, 2017, 55, 3530-3543.	3.9	100
10	Salmonella, Shigella, and Yersinia. Clinics in Laboratory Medicine, 2015, 35, 225-246.	1.4	99
11	Horizontal Transfer of Carbapenemase-Encoding Plasmids and Comparison with Hospital Epidemiology Data. Antimicrobial Agents and Chemotherapy, 2016, 60, 4910-4919.	3.2	85
12	Promising New Assays and Technologies for the Diagnosis and Management of Infectious Diseases. Clinical Infectious Diseases, 2013, 56, 996-1002.	5.8	76
13	An Update on the Streptococcus bovis Group: Classification, Identification, and Disease Associations. Journal of Clinical Microbiology, 2016, 54, 1694-1699.	3.9	76
14	From the Pipeline to the Bedside: Advances and Challenges in Clinical Metagenomics. Journal of Infectious Diseases, 2020, 221, S331-S340.	4.0	69
15	Deciphering the Evolution of Cephalosporin Resistance to Ceftolozane-Tazobactam in Pseudomonas aeruginosa. MBio, 2018, 9, .	4.1	61
16	Mechanisms of Evolution in High-Consequence Drug Resistance Plasmids. MBio, 2016, 7, .	4.1	49
17	Clinical Performance of Check-Direct CPE, a Multiplex PCR for Direct Detection of *bla*$_{KPC}$, *bla*$_{NDM}$ and/or *bla*$_{VIM}$, and *bla*$_{OXA-48}$ from Perirectal Swabs. Journal of Clinical Microbiology, 2015, 53, 3729-3737.	3.9	45
18	Clinical Performance of a Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry Method for Detection of Certain *bla*$_{KPC}$-Containing Plasmids. Journal of Clinical Microbiology, 2016, 54, 35-42.	3.9	45

#	Article	IF	Citations
19	External Validation of Difficult-to-Treat Resistance Prevalence and Mortality Risk in Gram-Negative Bloodstream Infection Using Electronic Health Record Data From 140 US Hospitals. Open Forum Infectious Diseases, 2019, 6, ofz110.	0.9	45
20	Effectiveness of adjunctive clindamycin in β-lactam antibiotic-treated patients with invasive β-haemolytic streptococcal infections in US hospitals: a retrospective multicentre cohort study. Lancet Infectious Diseases, The, 2021, 21, 697-710.	9.1	45
21	Performance of the Cryptococcal Antigen Lateral Flow Assay in Non-HIV-Related Cryptococcosis. Journal of Clinical Microbiology, 2016, 54, 460-463.	3.9	38
22	Commentary: Next-Generation Epidemiology: Using Real-Time Core Genome Multilocus Sequence Typing To Support Infection Control Policy. Journal of Clinical Microbiology, 2016, 54, 2850-2853.	3.9	34
23	A Novel Peptidomic Approach to Strain Typing of Clinical Acinetobacter baumannii Isolates Using Mass Spectrometry. Clinical Chemistry, 2016, 62, 866-875.	3.2	30
24	Metagenomics for Clinical Infectious Disease Diagnostics Steps Closer to Reality. Journal of Clinical Microbiology, 2018, 56, .	3.9	27
25	A Genoproteomic Approach to Detect Peptide Markers of Bacterial Respiratory Pathogens. Clinical Chemistry, 2017, 63, 1398-1408.	3.2	24
26	Peptide Markers for Rapid Detection of KPC Carbapenemase by LC-MS/MS. Scientific Reports, 2017, 7, 2531.	3.3	24
27	Comparative Population Genomics Analysis of the Mammalian Fungal Pathogen <i>Pneumocystis</i>. MBio, 2018, 9, .	4.1	23
28	Pharmacoepidemiology of Ceftazidime-Avibactam Use: A Retrospective Cohort Analysis of 210 US Hospitals. Clinical Infectious Diseases, 2021, 72, 611-621.	5.8	23
29	Dynamic Emergence of Mismatch Repair Deficiency Facilitates Rapid Evolution of Ceftazidime-Avibactam Resistance in Pseudomonas aeruginosa Acute Infection. MBio, 2019, 10, .	4.1	20
30	Identification of the OXA-48 Carbapenemase Family by Use of Tryptic Peptides and Liquid Chromatography-Tandem Mass Spectrometry. Journal of Clinical Microbiology, 2019, 57, .	3.9	15
31	Enzyme Immunoassay versus Latex Agglutination Cryptococcal Antigen Assays in Adults with Non-HIV-Related Cryptococcosis. Journal of Clinical Microbiology, 2014, 52, 4356-4358.	3.9	14
32	Rapid detection of colistin resistance protein MCR-1 by LC–MS/MS. Clinical Proteomics, 2019, 16, 8.	2.1	13
33	Severe BCG-osis Misdiagnosed as Multidrug-Resistant Tuberculosis in an IL-12Rβ1-Deficient Peruvian Girl. Journal of Clinical Immunology, 2018, 38, 712-716.	3.8	8
34	Attributable mortality from extensively drug-resistant gram-negative infections using propensity-matched tracer antibiotic algorithms. American Journal of Infection Control, 2019, 47, 1040-1047.	2.3	8
35	Rapid Identification of New Delhi Metallo-β-Lactamase (NDM) Using Tryptic Peptides and LC-MS/MS. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	7
36	In vivo evolution of an emerging zoonotic bacterial pathogen in an immunocompromised human host. Nature Communications, 2021, 12, 4495.	12.8	6

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37	ACKR1 Alleles at 5.6 kb in a Well-Characterized Renewable US Food and Drug Administration (FDA) Reference Panel for Standardization of Blood Group Genotyping. Journal of Molecular Diagnostics, 2020, 22, 1272-1279.	2.8	5
38	Commentary: Molecular Assay Validation Using Genomic Sequence Databases. Journal of Clinical Microbiology, 2016, 54, 2854-2856.	3.9	4
39	Reply to "Tn4401 Carrying blaKPC Is Inserted within Another Insertion in pKpQIL and Related Plasmids". Journal of Clinical Microbiology, 2014, 52, 4450-4450.	3.9	3
40	Protracted course of disseminated adenovirus disease with necrotizing granulomas in the liver. Diagnostic Microbiology and Infectious Disease, 2019, 94, 180-182.	1.8	2
41	A Phylogeny-Informed Proteomics Approach for Species Identification within the Burkholderia cepacia Complex. Journal of Clinical Microbiology, 2020, 58, .	3.9	2
42	A Comprehensive, Intensive Patient Surveillance Program for Carbapenemase-Producing Bacteria at the National Institutes of Health Clinical Center. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
43	Trends in Gram-Negative Bloodstream Isolates With Limited High-Efficacy Low-Toxicity Antibiotic Options Among Inpatients at 180 United States Hospitals. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
44	Epidemiology of Inappropriate Empiric Antibiotic Therapy for Bacteremia Based on Discordant In vitro Susceptibilities: Risk factors and Taxon-level Variation in Burden and Outcome in 156 US hospitals, 2000â€"2014. Open Forum Infectious Diseases, 2017, 4, S13-S14.	0.9	0
45	1163. Impact of Difficult-to-Treat Resistance on Survival in Gram-Negative Bacteremia: A Risk-Adjusted Analysis Using Electronic Health Record-based Clinical Data From 140 US Hospitals. Open Forum Infectious Diseases, 2018, 5, S350-S350.	0.9	0
46	Manual Reading of Sensititre Broth Microdilution System Panels Improves Accuracy of Susceptibility Reporting for Polymyxin Antibiotics. Journal of Clinical Microbiology, 2021, 59, e0033221.	3.9	0
47	Six Years of Admission Screening for Carbapenemase-Producing Organisms at the NIH Clinical Center. Infection Control and Hospital Epidemiology, 2020, 41, s79-s80.	1.8	0
48	Population-Level Burden of Delayed or In Vitro Discordant Empiric Antibiotics Among Bacteremic Patients at US Hospitals. Infection Control and Hospital Epidemiology, 2020, 41, s44-s45.	1.8	0