

# Deirdre L Church

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,229  
citations

516710

16  
h-index

395702

33  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1771  
citing authors

#	ARTICLE	IF	CITATIONS
1	Population-Based Epidemiology and Microbiology of Community-Onset Bloodstream Infections. <i>Clinical Microbiology Reviews</i> , 2014, 27, 647-664.	13.6	210
2	Molecular methods for pathogen and microbial community detection and characterization: Current and potential application in diagnostic microbiology. <i>Infection, Genetics and Evolution</i> , 2012, 12, 505-521.	2.3	123
3	Performance and Application of 16S rRNA Gene Cycle Sequencing for Routine Identification of Bacteria in the Clinical Microbiology Laboratory. <i>Clinical Microbiology Reviews</i> , 2020, 33, .	13.6	116
4	Surveillance of <i>Enterococcus</i> spp. reveals distinct species and antimicrobial resistance diversity across a One-Health continuum. <i>Scientific Reports</i> , 2020, 10, 3937.	3.3	109
5	Automation and artificial intelligence in the clinical laboratory. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2019, 56, 98-110.	6.1	54
6	Major factors affecting the emergence and re-emergence of infectious diseases. <i>Clinics in Laboratory Medicine</i> , 2004, 24, 559-586.	1.4	51
7	Development and evaluation of a novel fast broad-range 16S ribosomal DNA PCR and sequencing assay for diagnosis of bacterial infective endocarditis: multi-year experience in a large Canadian healthcare zone and a literature review. <i>BMC Infectious Diseases</i> , 2016, 16, 146.	2.9	47
8	<i>Rhodococcus equi</i> —An easily missed opportunistic pathogen. <i>Scandinavian Journal of Infectious Diseases</i> , 1991, 23, 1-6.	1.5	43
9	The use of biomarkers and molecular methods for the earlier diagnosis of invasive aspergillosis in immunocompromised patients. <i>Medical Mycology</i> , 2015, 53, 531-557.	0.7	39
10	Clinical and Economic Evaluation of Rapid Influenza A Virus Testing in Nursing Homes in Calgary, Canada. <i>Clinical Infectious Diseases</i> , 2002, 34, 790-795.	5.8	35
11	<i>Eggerthella lenta</i> Bloodstream Infections Are Associated With Increased Mortality Following Empiric Piperacillin-Tazobactam (TZP) Monotherapy: A Population-based Cohort Study. <i>Clinical Infectious Diseases</i> , 2018, 67, 221-228.	5.8	34
12	Centralization of a Regional Clinical Microbiology Service: The Calgary Experience. <i>Canadian Journal of Infectious Diseases &amp; Medical Microbiology</i> , 1999, 10, 393-402.	0.3	28
13	Exploring <i>Staphylococcus pseudintermedius</i> : an emerging zoonotic pathogen?. <i>Future Microbiology</i> , 2016, 11, 1371-1374.	2.0	28
14	Molecular Evolution of a <i>Klebsiella pneumoniae</i> ST278 Isolate Harboring <i>bla</i> <sub>NDM-7</sub> and Involved in Nosocomial Transmission. <i>Journal of Infectious Diseases</i> , 2016, 214, 798-806.	4.0	27
15	Molecular Diagnosis of Vaginitis: Comparing Quantitative PCR and Microbiome Profiling Approaches to Current Microscopy Scoring. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	19
16	Absence of an Association Between Enteric Parasites in the Manifestations and Pathogenesis of HIV Enteropathy in Gay Men. <i>Scandinavian Journal of Infectious Diseases</i> , 1992, 24, 567-575.	1.5	18
17	Tackling antimicrobial resistance in lower urinary tract infections: treatment options. <i>Expert Review of Anti-Infective Therapy</i> , 2016, 14, 621-632.	4.4	18
18	Functional screening for triclosan resistance in a wastewater metagenome and isolates of <i>Escherichia coli</i> and <i>Enterococcus</i> spp. from a large Canadian healthcare region. <i>PLoS ONE</i> , 2019, 14, e0211144.	2.5	17

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19	Multidrug-resistant <i>Aeromonas hydrophila</i> causing fatal bilateral necrotizing fasciitis in an immunocompromised patient: a case report. <i>Journal of Medical Case Reports</i> , 2018, 12, 326.	0.8	16
20	A One Health Comparative Assessment of Antimicrobial Resistance in Generic and Extended-Spectrum Cephalosporin-Resistant <i>Escherichia coli</i> from Beef Production, Sewage and Clinical Settings. <i>Microorganisms</i> , 2020, 8, 885.	3.6	16
21	Development and Validation of a <i>Pneumocystis jirovecii</i> Real-time Polymerase Chain Reaction Assay for Diagnosis of <i>Pneumocystis</i> Pneumonia. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2015, 26, 263-267.	1.9	15
22	Combating the HIV reservoirs. <i>Biotechnology and Genetic Engineering Reviews</i> , 2018, 34, 76-89.	6.2	13
23	Sociodemographic and geospatial associations with community-associated methicillin-resistant <i>Staphylococcus aureus</i> (CA-MRSA) infections in a large Canadian city: an 11-year retrospective study. <i>BMC Public Health</i> , 2019, 19, 914.	2.9	13
24	Predictors and Outcome of Admission for Invasive <i>Streptococcus pneumoniae</i> Infections at a Canadian Children's Hospital. <i>Clinical Infectious Diseases</i> , 1998, 27, 597-602.	5.8	12
25	Validity of calendar day-based definitions for community-onset bloodstream infections. <i>BMC Research Notes</i> , 2015, 8, 123.	1.4	12
26	Evaluation of StrepB <i>Select</i> Chromogenic Medium and the Fast-Track Diagnostics Group B <i>Streptococcus</i> (GBS) Real-Time PCR Assay Compared to Routine Culture for Detection of GBS during Antepartum Screening. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2137-2142.	3.9	11
27	Lymphocyte Membrane Modifications Induced by HIV Infection.. <i>Tohoku Journal of Experimental Medicine</i> , 1994, 173, 115-131.	1.2	10
28	Benefits and risks of standardization, harmonization and conformity to opinion in clinical laboratories. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2019, 56, 287-306.	6.1	10
29	The Validation of a Novel Surveillance System for Monitoring Bloodstream Infections in the Calgary Zone. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2016, 2016, 1-7.	1.9	9
30	Investigation of a <i>Streptococcus viridans</i> Pseudobacteremia Epidemic at a University Teaching Hospital. <i>Infection Control and Hospital Epidemiology</i> , 1989, 10, 416-421.	1.8	7
31	Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> Necrotizing Pneumonia without Evidence of Antecedent Viral Upper Respiratory Infection. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2014, 25, e76-e82.	1.9	7
32	Evaluation of Simplexa Group A Strep Direct Kit Compared to Hologic Group A Streptococcal Direct Assay for Detection of Group A <i>Streptococcus</i> in Throat Swabs. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	7
33	Epidemiology of <i>E. coli</i> in Cystic Fibrosis Airways Demonstrates the Capacity for Persistent Infection but Not Patient-Patient Transmission. <i>Frontiers in Microbiology</i> , 2020, 11, 475.	3.5	6
34	A case of multisystem inflammatory syndrome in adults following natural infection and subsequent immunization. <i>International Journal of Infectious Diseases</i> , 2022, 116, 34-37.	3.3	6
35	Point Prevalence Study of Antibiotic Susceptibility of Genital Group B <i>Streptococcus</i> Isolated from Near-Term Pregnant Women in Calgary, Alberta. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2012, 23, 121-124.	1.9	5
36	Sociodemographic correlates of urine culture test utilization in Calgary, Alberta. <i>BMC Urology</i> , 2018, 18, 2.	1.4	5

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37	Essential role of laboratory physicians in transformation of laboratory practice and management to a value-based patient-centric model. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2020, 57, 323-344.	6.1	5
38	Principles of Capillary-Based Sequencing for Clinical Microbiologists. <i>Clinical Microbiology Newsletter</i> , 2013, 35, 11-18.	0.7	4
39	Clinical laboratory utilization management and improved healthcare performance. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018, 55, 535-547.	6.1	4
40	Using a systematic approach to strategic innovation in laboratory medicine to bring about change. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2022, 59, 178-202.	6.1	4
41	Selected Topics in Anaerobic Bacteriology. <i>Microbiology Spectrum</i> , 2016, 4, .	3.0	3
42	Disseminated cerebral aspergillosis complicated by thrombotic microangiopathy. <i>Medical Mycology Case Reports</i> , 2019, 25, 25-28.	1.3	3
43	Bilateral Adrenal Histoplasmosis in an Immunocompetent Host. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, , .	1.4	2
44	Examining sociodemographic risk factors for <i>Chlamydia trachomatis</i> infection: a population-based cohort study. <i>Future Microbiology</i> , 2017, 12, 1363-1370.	2.0	1
45	1995. Implementation of <i>Helicobacter pylori</i> Stool Antigen Testing in a Large Metropolitan Centre: A Prospective Comparative Diagnostic Trial. <i>Open Forum Infectious Diseases</i> , 2018, 5, S580-S580.	0.9	1
46	Longitudinal evaluation of risk factors and outcomes of blood stream infections due to <i>Staphylococcus</i> species in persons with HIV: An observational cohort study. <i>EClinicalMedicine</i> , 2021, 31, 100675.	7.1	1
47	Selected Topics in Anaerobic Bacteriology. , 0, , 493-535.		1
48	Endocarditis caused by an oral taxon species of <i>Bergeyella</i> identified by partial 16S rDNA sequencing: Case report and review of the literature. <i>Jammi</i> , 2017, 2, 56-63.	0.5	0
49	Genomic analysis of group A <i>Streptococcus</i> isolated during a correctional facility outbreak of MRSA in 2004. <i>Jammi</i> , 0, , .	0.5	0
50	A longitudinal population-based study of predictors of mortality from bloodstream infections in Calgary, Alberta, Canada. <i>Future Microbiology</i> , 2022, 17, 17-25.	2.0	0