

Daniel D Rhoads

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

4,239
citations

257450

24
h-index

114465

63
g-index

71
all docs

71
docs citations

71
times ranked

5725
citing authors

#	ARTICLE	IF	CITATIONS
1	Survey of bacterial diversity in chronic wounds using Pyrosequencing, DGGE, and full ribosome shotgun sequencing. <i>BMC Microbiology</i> , 2008, 8, 43.	3.3	634
2	Polymicrobial Nature of Chronic Diabetic Foot Ulcer Biofilm Infections Determined Using Bacterial Tag Encoded FLX Amplicon Pyrosequencing (bTEFAP). <i>PLoS ONE</i> , 2008, 3, e3326.	2.5	456
3	Bacteriophage therapy of venous leg ulcers in humans: results of a phase I safety trial. <i>Journal of Wound Care</i> , 2009, 18, 237-243.	1.2	359
4	Biofilms and chronic wound inflammation. <i>Journal of Wound Care</i> , 2008, 17, 333-341.	1.2	336
5	Chronic wounds and the medical biofilm paradigm. <i>Journal of Wound Care</i> , 2010, 19, 45-53.	1.2	251
6	A study of biofilm-based wound management in subjects with critical limb ischaemia. <i>Journal of Wound Care</i> , 2008, 17, 145-155.	1.2	189
7	Comparison of Culture and Molecular Identification of Bacteria in Chronic Wounds. <i>International Journal of Molecular Sciences</i> , 2012, 13, 2535-2550.	4.1	172
8	In vitro multispecies Lubbock chronic wound biofilm model. <i>Wound Repair and Regeneration</i> , 2008, 16, 805-813.	3.0	166
9	Comparison of Abbott ID Now, DiaSorin Simplexa, and CDC FDA Emergency Use Authorization Methods for the Detection of SARS-CoV-2 from Nasopharyngeal and Nasal Swabs from Individuals Diagnosed with COVID-19. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	157
10	College of American Pathologists (CAP) Microbiology Committee Perspective: Caution Must Be Used in Interpreting the Cycle Threshold (Ct) Value. <i>Clinical Infectious Diseases</i> , 2021, 72, e685-e686.	5.8	144
11	Biofilms in wounds: management strategies. <i>Journal of Wound Care</i> , 2008, 17, 502-508.	1.2	140
12	Clinical identification of bacteria in human chronic wound infections: culturing vs. 16S ribosomal DNA sequencing. <i>BMC Infectious Diseases</i> , 2012, 12, 321.	2.9	126
13	A Direct Comparison of Enhanced Saliva to Nasopharyngeal Swab for the Detection of SARS-CoV-2 in Symptomatic Patients. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	86
14	ARGONAUT-I: Activity of Cefiderocol (S-649266), a Siderophore Cephalosporin, against Gram-Negative Bacteria, Including Carbapenem-Resistant Nonfermenters and <i>Enterobacteriaceae</i> with Defined Extended-Spectrum β -Lactamases and Carbapenemases. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	81
15	Diagnosis of prion diseases by RT-QuIC results in improved surveillance. <i>Neurology</i> , 2020, 95, e1017-e1026.	1.1	72
16	Monitoring Ceftazidime-Avibactam and Aztreonam Concentrations in the Treatment of a Bloodstream Infection Caused by a Multidrug-Resistant <i>Enterobacter</i> sp. Carrying Both <i>Klebsiella pneumoniae</i> Carbapenemase-4 and New Delhi Metallo- β -Lactamase-1. <i>Clinical Infectious Diseases</i> , 2020, 71, 1095-1098.	5.8	59
17	Clinical Microbiology Informatics. <i>Clinical Microbiology Reviews</i> , 2014, 27, 1025-1047.	13.6	57
18	The presence of a single MALDI-TOF mass spectral peak predicts methicillin resistance in staphylococci. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 86, 257-261.	1.8	52

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19	Understanding, Verifying, and Implementing Emergency Use Authorization Molecular Diagnostics for the Detection of SARS-CoV-2 RNA. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	52
20	The cytopathology of <i>Actinomyces</i> , <i>Nocardia</i> , and their mimickers. <i>Diagnostic Cytopathology</i> , 2017, 45, 1105-1115.	1.0	44
21	The SARS-CoV-2 Outbreak: Diagnosis, Infection Prevention, and Public Perception. <i>Clinical Chemistry</i> , 2020, 66, 644-651.	3.2	40
22	<i>Helicobacter pylori</i> Mutations Detected by Next-Generation Sequencing in Formalin-Fixed, Paraffin-Embedded Gastric Biopsy Specimens Are Associated with Treatment Failure. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	38
23	Marked Variability in Reported Minimal Residual Disease Lower Level of Detection of 4 Hematolymphoid Neoplasms: A Survey of Participants in the College of American Pathologists Flow Cytometry Proficiency Testing Program. <i>Archives of Pathology and Laboratory Medicine</i> , 2015, 139, 1276-1280.	2.5	30
24	Screening and Diagnosis of Monoclonal Gammopathies: An International Survey of Laboratory Practice. <i>Archives of Pathology and Laboratory Medicine</i> , 2018, 142, 507-515.	2.5	29
25	Applications of Artificial Intelligence in Clinical Microbiology Diagnostic Testing. <i>Clinical Microbiology Newsletter</i> , 2020, 42, 61-70.	0.7	27
26	Clinical Laboratory Tests Used To Aid in Diagnosis of Human Prion Disease. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	24
27	The Truth about SARS-CoV-2 Cycle Threshold Values Is Rarely Pure and Never Simple. <i>Clinical Chemistry</i> , 2021, 68, 16-18.	3.2	24
28	Artificial Intelligence and Mapping a New Direction in Laboratory Medicine: A Review. <i>Clinical Chemistry</i> , 2021, 67, 1466-1482.	3.2	24
29	Prevalence of Traditional and Reverse-Algorithm Syphilis Screening in Laboratory Practice: A Survey of Participants in the College of American Pathologists Syphilis Serology Proficiency Testing Program. <i>Archives of Pathology and Laboratory Medicine</i> , 2017, 141, 93-97.	2.5	22
30	Clinical and Infection Prevention Applications of Severe Acute Respiratory Syndrome Coronavirus 2 Genotyping: An Infectious Diseases Society of America/American Society for Microbiology Consensus Review Document. <i>Clinical Infectious Diseases</i> , 2022, 74, 1496-1502.	5.8	20
31	Production of cell-cell signalling molecules by bacteria isolated from human chronic wounds. <i>Journal of Applied Microbiology</i> , 2010, 108, 1509-1522.	3.1	19
32	Human prion diseases. <i>Current Opinion in Infectious Diseases</i> , 2019, 32, 272-276.	3.1	19
33	Variability in the Laboratory Measurement of Cytokines. <i>Archives of Pathology and Laboratory Medicine</i> , 2020, 144, 1230-1233.	2.5	18
34	Endemic SARS-CoV-2 Polymorphisms Can Cause a Higher Diagnostic Target Failure Rate than Estimated by Aggregate Global Sequencing Data. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0091321.	3.9	18
35	A review of the current state of digital plate reading of cultures in clinical microbiology. <i>Journal of Pathology Informatics</i> , 2015, 6, 23.	1.7	18
36	Raising the Bar: Improving Antimicrobial Resistance Detection by Clinical Laboratories by Ensuring Use of Current Breakpoints. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofac007.	0.9	17

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37	Review of Telemicrobiology. Archives of Pathology and Laboratory Medicine, 2016, 140, 362-370.	2.5	15
38	Computer Vision and Artificial Intelligence Are Emerging Diagnostic Tools for the Clinical Microbiologist. Journal of Clinical Microbiology, 2020, 58, .	3.9	14
39	Home testing for COVID-19: Benefits and limitations. Cleveland Clinic Journal of Medicine, 2021, , .	1.3	13
40	Clinical and Infection Prevention Applications of Severe Acute Respiratory Syndrome Coronavirus 2 Genotyping: an Infectious Diseases Society of America/American Society for Microbiology Consensus Review Document. Journal of Clinical Microbiology, 2022, 60, JCM0165921.	3.9	13
41	Genomic heterogeneity underlies multidrug resistance in Pseudomonas aeruginosa: A population-level analysis beyond susceptibility testing. PLoS ONE, 2022, 17, e0265129.	2.5	13
42	Specificity of SARS-CoV-2 Real-Time PCR Improved by Deep Learning Analysis. Journal of Clinical Microbiology, 2021, 59, .	3.9	12
43	ARGONAUT II Study of the <i>In Vitro</i> Activity of Plazomicin against Carbapenemase-Producing Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	11
44	Stenotrophomonas maltophilia Susceptibility Testing Challenges and Strategies. Journal of Clinical Microbiology, 2021, 59, e0109421.	3.9	11
45	Comparison of the diagnostic utility of digital pathology systems for telemicrobiology. Journal of Pathology Informatics, 2016, 7, 10.	1.7	11
46	Partial ORF1ab Gene Target Failure with Omicron BA.2.12.1. Journal of Clinical Microbiology, 2022, 60, e0060022.	3.9	11
47	The Evolving Role of the Clinical Microbiology Laboratory in Identifying Resistance in Gram-Negative Bacteria. Infectious Disease Clinics of North America, 2020, 34, 659-676.	5.1	10
48	Deep Convolutional Neural Networks Implementation for the Analysis of Urine Culture. Clinical Chemistry, 2022, 68, 574-583.	3.2	9
49	Lowering the Barriers to Routine Whole-Genome Sequencing of Bacteria in the Clinical Microbiology Laboratory. Journal of Clinical Microbiology, 2018, 56, .	3.9	8
50	Asymptomatic Patient Testing After 10:1 Pooling Using the Xpert Xpress SARS-CoV-2 Assay. American Journal of Clinical Pathology, 2021, 155, 522-526.	0.7	8
51	Considerations from the College of American Pathologists for Implementation of an Assay for SARS-CoV-2 Testing after a Change in Regulatory Status. Journal of Clinical Microbiology, 2021, 59, e0116721.	3.9	8
52	Inquilinus limosus in pulmonary disease: case report and review of the literature. Diagnostic Microbiology and Infectious Disease, 2016, 86, 446-449.	1.8	6
53	Detection of Pseudomonas aeruginosa biomarkers from thermally injured mice in situ using imaging mass spectrometry. Analytical Biochemistry, 2017, 539, 144-148.	2.4	6
54	A Practical Primer on Prion Pathology. Journal of Neuropathology and Experimental Neurology, 2018, 77, 346-352.	1.7	6

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55	Interlaboratory Agreement of Anti-“Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Serologic Assays in the Expedited College of American Pathologists Proficiency Testing Program. Archives of Pathology and Laboratory Medicine, 2021, 145, 536-542.	2.5	6
56	Recent advances in rapid antimicrobial susceptibility testing systems. Expert Review of Molecular Diagnostics, 2021, 21, 563-578.	3.1	6
57	Plasma Abnormalities Following Overdose. Clinical Chemistry, 2014, 60, 1020-1021.	3.2	4
58	Sensitivity of Cerebrospinal Fluid Cytology for the Diagnosis of Cryptococcal Infections. American Journal of Clinical Pathology, 2019, 151, 198-204.	0.7	4
59	OUP accepted manuscript. American Journal of Clinical Pathology, 2021, , .	0.7	4
60	Feasibility of Remote Assessment of Human Prion Diseases for Research and Surveillance. Dementia and Geriatric Cognitive Disorders, 2019, 47, 79-90.	1.5	3
61	Performance of perpendicular drop versus tangent skimming gating of M-protein in proficiency testing challenges. Clinical Chemistry and Laboratory Medicine, 2021, 59, e19-e22.	2.3	3
62	Diatoms: A novel cause of granulomatous inflammation of the head and neck. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2021, 131, 565-571.	0.4	2
63	Multicenter Evaluation of the Acuitas Â® AMR Gene Panel for Detection of an Extended Panel of Antimicrobial Resistance Genes among Bacterial Isolates. Journal of Clinical Microbiology, 2022, , JCM0209821.	3.9	2
64	1358. A Novel Rapidly Growing Mycobacteria (RGM) Species Causing Soft Tissue and Orthopedic Hardware Infection After Trauma. Open Forum Infectious Diseases, 2019, 6, S492-S492.	0.9	0
65	635. Genomic Evolution and Progression of Antimicrobial Resistance in a Series of Extensively Drug-Resistant Pseudomonas aeruginosa (XDR-Pa) Isolates from a Cystic Fibrosis Lung Transplant Recipient. Open Forum Infectious Diseases, 2019, 6, S294-S295.	0.9	0
66	Answer to October 2020 Photo Quiz. Journal of Clinical Microbiology, 2020, 58, .	3.9	0
67	Commentary: Improving the efficiency of the ova and parasite examination using cloud-based image analysis. Journal of Pathology Informatics, 2017, 8, 49.	1.7	0
68	Photo Quiz: Dry Gangrenous Necrosis of the Foot of a Septuagenarian. Journal of Clinical Microbiology, 2020, 58, .	3.9	0
69	Photo Quiz: Dry Gangrenous Necrosis of the Foot of a Septuagenarian. Journal of Clinical Microbiology, 2020, 58, .	3.9	0
70	1458. Uncharted territories: applying “precision medicine” to understand the treacherous landscape of extensively and multidrug resistant (XDR and MDR) Pseudomonas aeruginosa in a patient with cystic fibrosis and lung transplantation. Open Forum Infectious Diseases, 2020, 7, S731-S731.	0.9	0