

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	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
2	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>Journal of Clinical Microbiology</i> , 2022, 60, JCM0165921.	3.9	13
3	Deep Convolutional Neural Networks Implementation for the Analysis of Urine Culture. <i>Clinical Chemistry</i> , 2022, 68, 574-583.	3.2	9
4	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
5	Multicenter Evaluation of the Acuitas Â® AMR Gene Panel for Detection of an Extended Panel of Antimicrobial Resistance Genes among Bacterial Isolates. <i>Journal of Clinical Microbiology</i> , 2022, , JCM0209821.	3.9	2
6	Genomic heterogeneity underlies multidrug resistance in <i>Pseudomonas aeruginosa</i> : A population-level analysis beyond susceptibility testing. <i>PLoS ONE</i> , 2022, 17, e0265129.	2.5	13
7	Partial ORF1ab Gene Target Failure with Omicron BA.2.12.1. <i>Journal of Clinical Microbiology</i> , 2022, 60, e0060022.	3.9	11
8	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
9	Diatoms: A novel cause of granulomatous inflammation of the head and neck. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2021, 131, 565-571.	0.4	2
10	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. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 536-542.	2.5	6
11	Asymptomatic Patient Testing After 10:1 Pooling Using the Xpert Xpress SARS-CoV-2 Assay. <i>American Journal of Clinical Pathology</i> , 2021, 155, 522-526.	0.7	8
12	OUP accepted manuscript. <i>American Journal of Clinical Pathology</i> , 2021, , .	0.7	4
13	Home testing for COVID-19: Benefits and limitations. <i>Cleveland Clinic Journal of Medicine</i> , 2021, , .	1.3	13
14	Recent advances in rapid antimicrobial susceptibility testing systems. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 563-578.	3.1	6
15	Specificity of SARS-CoV-2 Real-Time PCR Improved by Deep Learning Analysis. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	3.9	12
16	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
17	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
18	<i>Stenotrophomonas maltophilia</i> Susceptibility Testing Challenges and Strategies. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0109421.	3.9	11

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19	Considerations from the College of American Pathologists for Implementation of an Assay for SARS-CoV-2 Testing after a Change in Regulatory Status. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0116721.	3.9	8
20	Artificial Intelligence and Mapping a New Direction in Laboratory Medicine: A Review. <i>Clinical Chemistry</i> , 2021, 67, 1466-1482.	3.2	24
21	Performance of perpendicular drop versus tangent skimming gating of M-protein in proficiency testing challenges. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, e19-e22.	2.3	3
22	Monitoring Ceftazidime-Avibactam and Aztreonam Concentrations in the Treatment of a Bloodstream Infection Caused by a Multidrug-Resistant Enterobacter sp. Carrying Both Klebsiella pneumoniae Carbapenemaseâ€“4 and New Delhi Metallo-Î²-Lactamaseâ€“1. <i>Clinical Infectious Diseases</i> , 2020, 71, 1095-1098.	5.8	59
23	The Evolving Role of the Clinical Microbiology Laboratory in Identifying Resistance in Gram-Negative Bacteria. <i>Infectious Disease Clinics of North America</i> , 2020, 34, 659-676.	5.1	10
24	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
25	Answer to October 2020 Photo Quiz. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	0
26	Variability in the Laboratory Measurement of Cytokines. <i>Archives of Pathology and Laboratory Medicine</i> , 2020, 144, 1230-1233.	2.5	18
27	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
28	The SARS-CoV-2 Outbreak: Diagnosis, Infection Prevention, and Public Perception. <i>Clinical Chemistry</i> , 2020, 66, 644-651.	3.2	40
29	Diagnosis of prion diseases by RT-QuIC results in improved surveillance. <i>Neurology</i> , 2020, 95, e1017-e1026.	1.1	72
30	Applications of Artificial Intelligence in Clinical Microbiology Diagnostic Testing. <i>Clinical Microbiology Newsletter</i> , 2020, 42, 61-70.	0.7	27
31	ARGONAUT II Study of the <i>In Vitro</i> Activity of Plazomicin against Carbapenemase-Producing Klebsiella pneumoniae. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	11
32	Computer Vision and Artificial Intelligence Are Emerging Diagnostic Tools for the Clinical Microbiologist. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	14
33	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
34	Photo Quiz: Dry Gangrenous Necrosis of the Foot of a Septuagenarian. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	0
35	Photo Quiz: Dry Gangrenous Necrosis of the Foot of a Septuagenarian. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	0
36	1458. Uncharted territories: applying â€œprecision medicineâ€“to understand the treacherous landscape of extensively and multidrug resistant (XDR and MDR) <i>Pseudomonas aeruginosa</i> in a patient with cystic fibrosis and lung transplantation. <i>Open Forum Infectious Diseases</i> , 2020, 7, S731-S731.	0.9	0

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37	Clinical Laboratory Tests Used To Aid in Diagnosis of Human Prion Disease. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	24
38	1358. A Novel Rapidly Growing Mycobacteria (RGM) Species Causing Soft Tissue and Orthopedic Hardware Infection After Trauma. <i>Open Forum Infectious Diseases</i> , 2019, 6, S492-S492.	0.9	0
39	635. Genomic Evolution and Progression of Antimicrobial Resistance in a Series of Extensively Drug-Resistant <i>Pseudomonas aeruginosa</i> (XDR-Pa) Isolates from a Cystic Fibrosis Lung Transplant Recipient. <i>Open Forum Infectious Diseases</i> , 2019, 6, S294-S295.	0.9	0
40	<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
41	Feasibility of Remote Assessment of Human Prion Diseases for Research and Surveillance. <i>Dementia and Geriatric Cognitive Disorders</i> , 2019, 47, 79-90.	1.5	3
42	Human prion diseases. <i>Current Opinion in Infectious Diseases</i> , 2019, 32, 272-276.	3.1	19
43	Sensitivity of Cerebrospinal Fluid Cytology for the Diagnosis of Cryptococcal Infections. <i>American Journal of Clinical Pathology</i> , 2019, 151, 198-204.	0.7	4
44	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
45	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
46	A Practical Primer on Prion Pathology. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 346-352.	1.7	6
47	Lowering the Barriers to Routine Whole-Genome Sequencing of Bacteria in the Clinical Microbiology Laboratory. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	8
48	The cytopathology of <i>Actinomyces</i> , <i>Nocardia</i> , and their mimickers. <i>Diagnostic Cytopathology</i> , 2017, 45, 1105-1115.	1.0	44
49	Detection of <i>Pseudomonas aeruginosa</i> biomarkers from thermally injured mice in situ using imaging mass spectrometry. <i>Analytical Biochemistry</i> , 2017, 539, 144-148.	2.4	6
50	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
51	Commentary: Improving the efficiency of the ova and parasite examination using cloud-based image analysis. <i>Journal of Pathology Informatics</i> , 2017, 8, 49.	1.7	0
52	<i>Inquilinus limosus</i> in pulmonary disease: case report and review of the literature. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 86, 446-449.	1.8	6
53	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
54	Review of Telemicrobiology. <i>Archives of Pathology and Laboratory Medicine</i> , 2016, 140, 362-370.	2.5	15

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55	Comparison of the diagnostic utility of digital pathology systems for telemicrobiology. <i>Journal of Pathology Informatics</i> , 2016, 7, 10.	1.7	11
56	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
57	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
58	Clinical Microbiology Informatics. <i>Clinical Microbiology Reviews</i> , 2014, 27, 1025-1047.	13.6	57
59	Plasma Abnormalities Following Overdose. <i>Clinical Chemistry</i> , 2014, 60, 1020-1021.	3.2	4
60	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
61	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
62	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
63	Chronic wounds and the medical biofilm paradigm. <i>Journal of Wound Care</i> , 2010, 19, 45-53.	1.2	251
64	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
65	In vitro multispecies Lubbock chronic wound biofilm model. <i>Wound Repair and Regeneration</i> , 2008, 16, 805-813.	3.0	166
66	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
67	Biofilms in wounds: management strategies. <i>Journal of Wound Care</i> , 2008, 17, 502-508.	1.2	140
68	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
69	Biofilms and chronic wound inflammation. <i>Journal of Wound Care</i> , 2008, 17, 333-341.	1.2	336
70	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