Donna M Wolk

List of Publications by Year
in descending order

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87	2,178	430843 18	254170 43
papers	citations	h-index	g-index

92	92	92	2887
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry: a Fundamental Shift in the Routine Practice of Clinical Microbiology. Clinical Microbiology Reviews, 2013, 26, 547-603.	13.6	644
2	Effectiveness of Practices To Increase Timeliness of Providing Targeted Therapy for Inpatients with Bloodstream Infections: a Laboratory Medicine Best Practices Systematic Review and Meta-analysis. Clinical Microbiology Reviews, 2016, 29, 59-103.	13.6	210
3	Multicenter Evaluation of the Accelerate PhenoTest BC Kit for Rapid Identification and Phenotypic Antimicrobial Susceptibility Testing Using Morphokinetic Cellular Analysis. Journal of Clinical Microbiology, 2018, 56, .	3.9	130
4	T2MR and T2Candida: novel technology for the rapid diagnosis of candidemia and invasive candidiasis. Future Microbiology, 2016, 11, 103-117.	2.0	124
5	Use of PCR Coupled with Electrospray Ionization Mass Spectrometry for Rapid Identification of Bacterial and Yeast Bloodstream Pathogens from Blood Culture Bottles. Journal of Clinical Microbiology, 2011, 49, 345-353.	3.9	100
6	Comparative Analysis of PCRâ€“Electrospray Ionization/Mass Spectrometry (MS) and MALDI-TOF/MS for the Identification of Bacteria and Yeast from Positive Blood Culture Bottles. Clinical Chemistry, 2011, 57, 1057-1067.	3.2	99
7	Update on the Diagnosis of Pulmonary Coccidioidomycosis. Annals of the American Thoracic Society, 2014, 11, 243-253.	3.2	98
8	PCRâ€“Electrospray Ionization Mass Spectrometry. Journal of Molecular Diagnostics, 2012, 14, 295-304.	2.8	89
9	Performance of the T2Bacteria Panel for Diagnosing Bloodstream Infections. Annals of Internal Medicine, 2019, 170, 845.	3.9	72
10	Rapid Molecular Genotyping and Clonal Complex Assignment of Staphylococcus aureus Isolates by PCR Coupled to Electrospray Ionization-Mass Spectrometry. Journal of Clinical Microbiology, 2009, 47, 1733-1741.	3.9	63
11	Pathogen Profiling: Rapid Molecular Characterization of Staphylococcus aureus by PCR/Electrospray Ionization-Mass Spectrometry and Correlation with Phenotype. Journal of Clinical Microbiology, 2009, 47, 3129-3137.	3.9	60
12	Assessment of DNA Yield and Purity: an Overlooked Detail of PCR Troubleshooting. Clinical Microbiology Newsletter, 2012, 34, 1-6.	0.7	59
13	Bloodstream Infections. Microbiology Spectrum, 2016, 4, .	3.0	53
14	Diabetic Foot Infections: A Need for Innovative Assessments. International Journal of Lower Extremity Wounds, 2010, 9, 31-36.	1.1	38
15	Diagnostic accuracy of the Cepheid GeneXpert vanA/vanB assay ver. 1.0 to detect the vanA and vanB vancomycin resistance genes in Enterococcus from perianal specimens. Diagnostic Microbiology and Infectious Disease, 2011, 69, 382-389.	1.8	34
16	New Technologies in Clinical Microbiology. Journal of Clinical Microbiology, 2011, 49, .	3.9	30
17	Matrix-Assisted Laser Desorption Time of Flight Mass Spectrometry. Clinics in Laboratory Medicine, 2018, 38, 471-486.	1.4	23
18	Cladophialophora Bantiana: A Rare Intracerebral Fungal Abscessâ€”Case Series and Review of Literature. The Surgery Journal, 2017, 03, e62-e68.	0.7	21

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19	Would Earlier Microbe Identification Alter Antibiotic Therapy in Bacteremic Emergency Department Patients?. Journal of Emergency Medicine, 2013, 44, 1-8.	0.7	20
20	Physician Documentation of Sepsis Syndrome Is Associated with More Aggressive Treatment. Western Journal of Emergency Medicine, 2015, 16, 401-407.	1.1	15
21	Multicenter Evaluation of the Xpert MRSA NxG Assay for Detection of Methicillin-Resistant Staphylococcus aureus in Nasal Swabs. Journal of Clinical Microbiology, 2018, 56, .	3.9	15
22	Stroke in SARS-CoV-2 Infection: A Pictorial Overview of the Pathoetiology. Frontiers in Cardiovascular Medicine, 2021, 8, 649922.	2.4	15
23	Early Detection of Septic Shock Onset Using Interpretable Machine Learners. Journal of Clinical Medicine, 2021, 10, 301.	2.4	14
24	At the Intersection of Gut Microbiome and Stroke: A Systematic Review of the Literature. Frontiers in Neurology, 2021, 12, 729399.	2.4	13
25	Multicenter Diagnostic Accuracy Evaluation of the Luminex Aries Real-Time PCR Assay for Group B Streptococcus Detection in Lim Broth-Enriched Samples. Journal of Clinical Microbiology, 2018, 56, .	3.9	12
26	Multicenter Evaluation of MRSA Select II Chromogenic Agar for Identification of Methicillin-Resistant Staphylococcus aureus from Wound and Nasal Specimens. Journal of Clinical Microbiology, 2016, 54, 305-311.	3.9	11
27	Rapid Diagnostics for Blood Cultures: Supporting Decisions for Antimicrobial Therapy and Value-Based Care. journal of applied laboratory medicine, The, 2019, 3, 686-697.	1.3	10
28	A Multicenter Clinical Study To Demonstrate the Diagnostic Accuracy of the GenMark Dx ePlex Blood Culture Identification Gram-Negative Panel. Journal of Clinical Microbiology, 2021, 59, e0248420.	3.9	8
29	Increasing the Density of Laboratory Measures for Machine Learning Applications. Journal of Clinical Medicine, 2021, 10, 103.	2.4	8
30	Molecular Characterization of Invasive Staphylococcus aureus Infection in Central New York Children: Importance of Two Clonal Groups and Inconsistent Presence of Selected Virulence Determinants. Journal of the Pediatric Infectious Diseases Society, 2013, 2, 30-39.	1.3	7
31	Near point-of-care adoption of Cepheid XpertÂ® Flu/RSV XC testing within an integrated healthcare delivery network. Diagnostic Microbiology and Infectious Disease, 2019, 94, 28-29.	1.8	6
32	GeneXpert Testing: Applications for Clinical Microbiology, Part I*. Clinical Microbiology Newsletter, 2008, 30, 175-179.	0.7	5
33	Code Sepsis: Rapid Methods To Diagnose Sepsis and Detect Hematopathogens. Clinical Microbiology Newsletter, 2010, 32, 41-49.	0.7	5
34	Microbiology of Middle Ear Infections: Do You Hear What I Hear?. Clinical Microbiology Newsletter, 2016, 38, 87-93.	0.7	5
35	Statistics for Method Verification of Qualitative Assays in Clinical Microbiology. Clinical Microbiology Newsletter, 2017, 39, 59-68.	0.7	5
36	Pathogen Detection in the Genomic Era. , 2006, , 505-523.		4

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37	Postpartum Streptococcus pyogenes Outbreak in the Labor and Delivery Unit of a Quaternary Referral Center: a Case Series and Review of the Literature. Clinical Microbiology Newsletter, 2017, 39, 11-15.	0.7	4
38	Comparing Clinical Characteristics of Influenza and Common Coronavirus Infections Using Electronic Health Records. Journal of Infectious Diseases, 2021, 223, 1879-1886.	4.0	4
39	Clinical evaluation of the acuitasÂ® AMR gene panel for rapid detection of bacteria and genotypic antibiotic resistance determinants. Diagnostic Microbiology and Infectious Disease, 2021, 100, 115383.	1.8	4
40	International Organization for Standardization. , 0, , 447-450.		4
41	GeneXpert Testing: Applications for Clinical Microbiology, Part II. Clinical Microbiology Newsletter, 2008, 30, 183-188.	0.7	3
42	The Microbe Farms: Microbial Biorepositories in Clinical Microbiology. Clinical Microbiology Newsletter, 2014, 36, 41-48.	0.7	3
43	Diagnostic Accuracy Measuresâ€"The Laboratory and Non-Laboratory Perspective. Clinical Microbiology Newsletter, 2020, 42, 19-24.	0.7	3
44	Staffing and Scheduling. , 0, , 362-372.		3
45	Code Sepsis: Rapid Methods To Diagnose Sepsis and Detect Hematopathogens. Clinical Microbiology Newsletter, 2010, 32, 33-37.	0.7	2
46	Current Challenges to Financial Stability within the Diagnostic Laboratory. , 0, , 71-83.		2
47	Does Your â€œBackupâ€•Method Have Your Back? Controversies Surrounding Backup of Rapid Antigen Detection Methods for Group A Streptococcus. Clinical Microbiology Newsletter, 2015, 37, 111-118.	0.7	2
48	The Laboratory Information System: Making the Most of It in the Clinical Microbiology Laboratory. , 0, , 458-470.		2
49	Laboratory Safety. , 0, , 515-544.		2
50	The Impact of Regulatory Requirements. , 0, , 84-138.		2
51	Molecular Niches for the Laboratory Diagnosis of Sepsis. , 2013, , 845-871.		1
52	Bloodstream Infections. , 2016, , 653-689.		1
53	Quantitative Molecular Methods. , 2016, , 145-166.		1
54	Management Functions. , 0, , 23-42.		1

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55	Selected Topics in Aerobic Bacteriology. , 0, , 467-491.		1
56	Selected Topics in Anaerobic Bacteriology. , 0, , 493-535.		1
57	Current Trends in Instrumentation and Technology: Outlook for the Future. , 0, , 933-965.		1
58	Costs, Budgeting, and Financial Decision Making. , 0, , 597-618.		1
59	Identification of Pathogens by Nonculturing Molecular Techniques. , 2013, , 91-106.		0
60	â€œOrangeâ€•You Glad You Checked the Buffy Coat?. Clinical Microbiology Newsletter, 2015, 37, 9-13.	0.7	0
61	A Farewell Tribute to Retiring CMN Editors and their Contribution to Clinical Microbiology. Clinical Microbiology Newsletter, 2018, 40, 32-34.	0.7	0
62	Molecular Strategies for the Laboratory Diagnosis of Sepsis. , 2018, , 509-541.		0
63	Conflict Management. , 0, , 272-280.		0
64	Labor Relations. , 0, , 392-407.		0
65	Effective Meetings. , 0, , 264-271.		0
66	Workplace Drug Testing and the Clinical Laboratory. , 0, , 408-417.		0
67	Reimbursement Compliance. , 0, , 670-684.		0
68	The Current State of the U.S. Food and Drug Administration Process and Regulations for Diagnostic Laboratory Assays. , 0, , 807-817.		0
69	Employee Needs. , 0, , 232-242.		0
70	Principles of Preanalytic and Postanalytic Test Management. , 0, , 488-505.		0
71	Selection and Implementation of New Equipment and Procedures. , 0, , 506-514.		0
72	The Clinical Trial Laboratory: Research Compliance for Clinical Research Microbiologists. , 0, , 818-831.		0

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73	Charges and Fees for Laboratory Services. , 0, , 646-653.		0
74	Outreach: Obstacles to Hospital Outreach and Enhancing Customer Satisfaction. , 0, , 777-805.		0
75	Finance and Decision Making in Outreach. , 0, , 759-776.		0
76	Determination of Profitability. , 0, , 685-691.		0
77	Benchmarking and Performance Monitoring: What Is Appropriate for Your Laboratory?. , 0, , 890-893.		0
78	Successful Communication. , 0, , 250-263.		0
79	Outreach Considerations and Overall Goals. , 0, , 693-739.		0
80	Effective Communication in Laboratory Management. , 0, , 451-457.		0
81	Rules and Regulations in Reimbursement. , 0, , 655-669.		0
82	Financial Management: Setting the Stage. , 0, , 565-572.		0
83	Employee Selection. , 0, , 293-308.		0
84	Management of Point-of-Care Testing. , 0, , 471-487.		0
85	Human Resources at the Local Level: An Important Component of Financial Management. , 0, , 589-596.		0
86	Approaches to Billing Laboratory Services. , 0, , 637-645.		0
87	Relevant Economic and Business Concepts. , 0, , 43-70.		0