

N Esther Babady

List of Publications by Year in descending order

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89
papers

3,453
citations

172457

29
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155660

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92
all docs

92
docs citations

92
times ranked

6385
citing authors

#	ARTICLE	IF	CITATIONS
1	Determinants of COVID-19 disease severity in patients with cancer. <i>Nature Medicine</i> , 2020, 26, 1218-1223.	30.7	501
2	CD8+ T cells contribute to survival in patients with COVID-19 and hematologic cancer. <i>Nature Medicine</i> , 2021, 27, 1280-1289.	30.7	365
3	Report from the American Society for Microbiology COVID-19 International Summit, 23 March 2020: Value of Diagnostic Testing for SARS-CoV-2/COVID-19. <i>MBio</i> , 2020, 11, .	4.1	288
4	High-resolution mycobiota analysis reveals dynamic intestinal translocation preceding invasive candidiasis. <i>Nature Medicine</i> , 2020, 26, 59-64.	30.7	193
5	Detection of <i>Blastomyces dermatitidis</i> and <i>Histoplasma capsulatum</i> from Culture Isolates and Clinical Specimens by Use of Real-Time PCR. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3204-3208.	3.9	124
6	Comparison of the Luminex xTAG RVP Fast Assay and the Idaho Technology FilmArray RP Assay for Detection of Respiratory Viruses in Pediatric Patients at a Cancer Hospital. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2282-2288.	3.9	117
7	Evaluation of Alere i Influenza A&B for Rapid Detection of Influenza Viruses A and B. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3339-3344.	3.9	110
8	The FilmArray [®] respiratory panel: an automated, broadly multiplexed molecular test for the rapid and accurate detection of respiratory pathogens. <i>Expert Review of Molecular Diagnostics</i> , 2013, 13, 779-788.	3.1	104
9	Evaluation of the Cepheid Xpert <i>Clostridium difficile</i> Epi Assay for Diagnosis of <i>Clostridium difficile</i> Infection and Typing of the NAP1 Strain at a Cancer Hospital. <i>Journal of Clinical Microbiology</i> , 2010, 48, 4519-4524.	3.9	88
10	Practical Guidance for Clinical Microbiology Laboratories: Viruses Causing Acute Respiratory Tract Infections. <i>Clinical Microbiology Reviews</i> , 2018, 32, .	13.6	85
11	Clonal hematopoiesis is associated with risk of severe Covid-19. <i>Nature Communications</i> , 2021, 12, 5975.	12.8	81
12	Multicenter Evaluation of the ePlex Respiratory Pathogen Panel for the Detection of Viral and Bacterial Respiratory Tract Pathogens in Nasopharyngeal Swabs. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	77
13	Multicenter Evaluation of the Vitek MS v3.0 System for the Identification of Filamentous Fungi. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	73
14	Evaluation of the BioFire FilmArray Respiratory Panel and the GenMark eSensor Respiratory Viral Panel on Lower Respiratory Tract Specimens. <i>Journal of Clinical Microbiology</i> , 2014, 52, 288-290.	3.9	67
15	Prolonged SARS-CoV-2 Infection in Patients with Lymphoid Malignancies. <i>Cancer Discovery</i> , 2022, 12, 62-73.	9.4	65
16	Clinical and Laboratory Characteristics of <i>Clostridium difficile</i> Infection in Patients with Discordant Diagnostic Test Results. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1303-1307.	3.9	59
17	Performance of Severe Acute Respiratory Syndrome Coronavirus 2 Real-Time RT-PCR Tests on Oral Rinses and Saliva Samples. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 3-9.	2.8	59
18	Evaluation of the Vitek MS v3.0 Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry System for Identification of Mycobacterium and Nocardia Species. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	56

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19	Clinical Performance of (1,3) Beta-D Glucan for the Diagnosis of Pneumocystis Pneumonia (PCP) in Cancer Patients Tested With PCP Polymerase Chain Reaction. <i>Clinical Infectious Diseases</i> , 2019, 69, 1303-1309.	5.8	54
20	Inflammatory Leptomeningeal Cytokines Mediate COVID-19 Neurologic Symptoms in Cancer Patients. <i>Cancer Cell</i> , 2021, 39, 276-283.e3.	16.8	54
21	Bacteremia Caused by <i>Arcobacter butzleri</i> in an Immunocompromised Host. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1448-1451.	3.9	51
22	Clinical Evaluation of the Luminex NxTAG Respiratory Pathogen Panel. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1912-1914.	3.9	50
23	Evaluation of Luminex xTAG Fungal Analyte-Specific Reagents for Rapid Identification of Clinically Relevant Fungi. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3777-3782.	3.9	42
24	Potential of real-time PCR threshold cycle (C T) to predict presence of free toxin and clinically relevant <i>C. difficile</i> infection (CDI) in patients with cancer. <i>Journal of Infection</i> , 2018, 76, 369-375.	3.3	39
25	Recognition of Diagnostic Gaps for Laboratory Diagnosis of Fungal Diseases: Expert Opinion from the Fungal Diagnostics Laboratories Consortium (FDLC). <i>Journal of Clinical Microbiology</i> , 2021, 59, e0178420.	3.9	38
26	Severe Acute Respiratory Syndrome Coronavirus 2 Surveillance and Exposure in the Perioperative Setting With Universal Testing and Personal Protective Equipment Policies. <i>Clinical Infectious Diseases</i> , 2021, 73, e3013-e3018.	5.8	34
27	Real-Time Cellular Analysis Coupled with a Specimen Enrichment Accurately Detects and Quantifies <i>Clostridium difficile</i> Toxins in Stool. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1105-1111.	3.9	32
28	Performance Characteristics of the Cepheid Xpert <i>vanA</i> Assay for Rapid Identification of Patients at High Risk for Carriage of Vancomycin-Resistant Enterococci. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3659-3663.	3.9	31
29	Monitoring of Cytomegalovirus Viral Loads by Two Molecular Assays in Whole-Blood and Plasma Samples from Hematopoietic Stem Cell Transplant Recipients. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1252-1257.	3.9	30
30	Laboratory Diagnosis of Infections in Cancer Patients: Challenges and Opportunities. <i>Journal of Clinical Microbiology</i> , 2016, 54, 2635-2646.	3.9	26
31	Implementation of Molecular Surveillance After a Cluster of Fatal Toxoplasmosis at 2 Neighboring Transplant Centers. <i>Clinical Infectious Diseases</i> , 2016, 63, 565-568.	5.8	24
32	Limited diagnostic value of a multiplexed gastrointestinal pathogen panel for the detection of adenovirus infection in an oncology patient population. <i>Journal of Clinical Virology</i> , 2017, 94, 37-41.	3.1	24
33	Risk of Healthcare-Associated Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in Hospitalized Cancer Patients. <i>Clinical Infectious Diseases</i> , 2022, 74, 1579-1585.	5.8	24
34	Clinical Validation of the Lyra Direct HSV 1+2/VZV Assay for Simultaneous Detection and Differentiation of Three Herpesviruses in Cutaneous and Mucocutaneous Lesions. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3799-3801.	3.9	22
35	Reducing Unnecessary and Duplicate Ordering for Ovum and Parasite Examinations and <i>Clostridium difficile</i> PCR in Immunocompromised Patients by Using an Alert at the Time of Request in the Order Management System. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2745-2748.	3.9	21
36	Multicenter Evaluation of a PCR-Based Digital Microfluidics and Electrochemical Detection System for the Rapid Identification of 15 Fungal Pathogens Directly from Positive Blood Cultures. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	21

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37	Evaluation of <i>Mycobacterium avium</i> Complex Clarithromycin Susceptibility Testing Using SLOMYCO Sensititre Panels and JustOne Strips. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1749-1752.	3.9	20
38	Hospital-Associated Infections. <i>Microbiology Spectrum</i> , 2016, 4, .	3.0	20
39	<i>Enterobius vermicularis</i> in a 14-Year-Old Girl's Eye. <i>Journal of Clinical Microbiology</i> , 2011, 49, 4369-4370.	3.9	19
40	Performance of Vitek MS v3.0 for Identification of <i>Mycobacterium</i> Species from Patient Samples by Use of Automated Liquid Medium Systems. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	17
41	Control of norovirus outbreak on a pediatric oncology unit. <i>American Journal of Infection Control</i> , 2015, 43, 1066-1069.	2.3	16
42	Atypical presentation of <i>Legionella pneumonia</i> among patients with underlying cancer: A fifteen-year review. <i>Journal of Infection</i> , 2016, 72, 45-51.	3.3	16
43	Detection of <i>Plasmodium knowlesi</i> by real-time polymerase chain reaction. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 81, 516-8.	1.4	14
44	Clinical Metagenomics for Bloodstream Infections: Is the Juice Worth the Squeeze?. <i>Clinical Infectious Diseases</i> , 2021, 72, 246-248.	5.8	12
45	CLIA-waived molecular influenza testing in the emergency department and outpatient settings. <i>Journal of Clinical Virology</i> , 2019, 116, 44-48.	3.1	11
46	Partial ORF1ab Gene Target Failure with Omicron BA.2.12.1. <i>Journal of Clinical Microbiology</i> , 2022, 60, e0060022.	3.9	11
47	Variable duration of viral shedding in cancer patients with coronavirus disease 2019 (COVID-19). <i>Infection Control and Hospital Epidemiology</i> , 2022, 43, 1413-1415.	1.8	10
48	Digital PCR in the Clinical Microbiology Laboratory: Another Tool on the Molecular Horizon. <i>Clinical Microbiology Newsletter</i> , 2018, 40, 27-32.	0.7	9
49	Estimating Risk of <i>C. difficile</i> Transmission from PCR Positive but Cytotoxin Negative Cases. <i>PLoS ONE</i> , 2014, 9, e88262.	2.5	9
50	Detection of a Transient R292K Mutation in Influenza A/H3N2 Viruses Shed for Several Weeks by an Immunocompromised Patient. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1415-1418.	3.9	8
51	Nontuberculous <i>Mycobacterial</i> Infections After Silicone Breast Implant Reconstruction Emphasize a Diversity of Infecting <i>Mycobacteria</i> . <i>Open Forum Infectious Diseases</i> , 2017, 4, ofx189.	0.9	8
52	Responding to the Challenges of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). <i>Journal of Molecular Diagnostics</i> , 2020, 22, 968-974.	2.8	8
53	Evaluation of a Combined Multilocus Sequence Typing and Whole-Genome Sequencing Two-Step Algorithm for Routine Typing of <i>Clostridioides difficile</i> . <i>Journal of Clinical Microbiology</i> , 2021, 59, .	3.9	8
54	Comparison of coronavirus disease 2019 (COVID-19) symptoms at diagnosis among healthcare personnel before and after the emergence of the omicron variant. <i>Infection Control and Hospital Epidemiology</i> , 2023, 44, 821-823.	1.8	8

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55	Comparison of Multilocus Sequence Typing and the Xpert C. difficile/Epi Assay for Identification of Clostridium difficile O27/NAP1/BI. Journal of Clinical Microbiology, 2016, 54, 775-778.	3.9	7
56	The Perils of Multiplex Gastrointestinal Pathogen Panels: Pseudo-outbreaks of Salmonellae and Entamoeba histolytica in Immunocompromised Hosts. Infection Control and Hospital Epidemiology, 2018, 39, 867-870.	1.8	7
57	False-Positive Results for Human Immunodeficiency Virus Type 1 Nucleic Acid Amplification Testing in Chimeric Antigen Receptor T Cell Therapy. Journal of Clinical Microbiology, 2019, 58, .	3.9	6
58	Identification of a novel <i>Candida metapsilosis</i> isolate reveals multiple hybridization events. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	6
59	Respiratory Syncytial Virus and Human Metapneumovirus. , 0, , 1498-1518.		6
60	The Successes and Challenges of SARS-CoV-2 Molecular Testing in the United States. Clinics in Laboratory Medicine, 2022, 42, 147-160.	1.4	6
61	Diagnosis of Extrapulmonary Legionellosis in Allogeneic Hematopoietic Cell Transplant Recipients by Direct 16S Ribosomal Ribonucleic Acid Sequencing and Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. Open Forum Infectious Diseases, 2017, 4, ofx140.	0.9	5
62	Clinical and Genomic Characterization of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Diseases, 2022, 75, e774-e782.	5.8	5
63	Lymphangitic papules caused by Nocardia takedensis. JAAD Case Reports, 2015, 1, 126-128.	0.8	4
64	Evaluation of the Xpert MTB/RIF Performance on Tissues: Potential Impact on Airborne Infection Isolation at a Tertiary Cancer Care Center. Infection Control and Hospital Epidemiology, 2018, 39, 462-466.	1.8	4
65	Evaluation of sample pooling for SARS-CoV-2 RNA detection in nasopharyngeal swabs and salivas on the Roche Cobas 6800. Journal of Clinical Virology, 2021, 138, 104790.	3.1	4
66	What Every Clinical Virologist Should Know About The VALID Act On Behalf of the Pan-American Society for Clinical Virology Clinical Practice Com. Journal of Clinical Virology, 2021, 141, 104875.	3.1	4
67	Results of the Abbott RealTi m e HIV-1 Assay for Specimens Yielding "Target Not Detected" Results by the Cobas AmpliPrep/Cobas TaqMan HIV-1 Test. Journal of Clinical Microbiology, 2010, 48, 969-971.	3.9	3
68	Role of Coinfecting Strains in Recurrent Clostridium difficile Infection. Infection Control and Hospital Epidemiology, 2016, 37, 1481-1484.	1.8	3
69	Implementation of infectious diseases rapid molecular diagnostic tests and antimicrobial stewardship program involvement in acute-care hospitals. Infection Control and Hospital Epidemiology, 2021, 42, 609-611.	1.8	3
70	Mapping the Evidence on Rapid Diagnosis of Bloodstream Infections: A Scoping Review. journal of applied laboratory medicine, The, 2021, 6, 1012-1024.	1.3	3
71	Evaluation of a Commercial Multiplexed Molecular Lower Respiratory Panel at a Tertiary Care Cancer Center. Journal of Molecular Diagnostics, 2021, 23, 1741-1748.	2.8	3
72	Performance of the sAna Aspergillus Galactomannan Lateral Flow Assay in a Cancer Patient Population. Journal of Clinical Microbiology, 2021, 59, e0059821.	3.9	3

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73	A 48-Year-Old Somali Woman with Hip Pain. <i>Clinical Infectious Diseases</i> , 2009, 49, 764-765.	5.8	2
74	Rapid Molecular Detection and Differentiation of Influenza Viruses A and B. <i>Journal of Visualized Experiments</i> , 2017, .	0.3	2
75	Evaluation of the Aries Bordetella Assay for Detection and Identification of <i>Bordetella pertussis</i> in Nasopharyngeal Swab Specimens. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	2
76	Transmission of <i>Clostridioides difficile</i> infection (CDI) from patients less than 3 years of age in a pediatric oncology setting. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 1-4.	1.8	2
77	A 48-Year-Old Somali Woman with Hip Pain. <i>Clinical Infectious Diseases</i> , 2009, 49, 803-805.	5.8	1
78	<i>Hospital-Associated Infections.</i> , 2016, , 735-758.		1
79	Impacts and Challenges of Advanced Diagnostic Assays for Transplant Infectious Diseases. , 2019, , 795-818.		1
80	<i>Vibrio cholera</i> and <i>V. parahaemolyticus</i> coinfection in an oncology patient with gastroenteritis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 96, 114927.	1.8	1
81	Expert Opinion on Verification of Antimicrobial Susceptibility Tests. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	1
82	1707Investigation of a Cluster of <i>Mycobacterium interjectum</i> Cases at a Tertiary Care Cancer Center. <i>Open Forum Infectious Diseases</i> , 2014, 1, S456-S456.	0.9	0
83	Risk Management of Transmission of Carbapenem-Resistant Enterobacteriaceae via Endoscopic Retrograde Cholangiopancreatography Scopes: Utilization of Automated Electronic Monitoring Systems. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
84	Genotypic Correlation between Cases of <i>Clostridium difficile</i> (CDI) with Community-Onset Diagnosis after Recent Hospital Discharge and Their Prior Unit-Based Contacts. <i>Open Forum Infectious Diseases</i> , 2017, 4, S400-S400.	0.9	0
85	Toxin Detection by Cell Culture Neutralization Assay [CYT] and Toxin based EIA [Tox EIA] among Recurrent Episodes of CDI Diagnosed by PCR. <i>Open Forum Infectious Diseases</i> , 2017, 4, S395-S395.	0.9	0
86	535. Transmission of <i>Clostridium difficile</i> (CD) From Patients \geq 2 Years of Age in a Pediatric Oncology Setting. <i>Open Forum Infectious Diseases</i> , 2018, 5, S198-S198.	0.9	0
87	504. Change in <i>Clostridium difficile</i> Strain-Type Distribution After Implementation of Diagnostic Stewardship. <i>Open Forum Infectious Diseases</i> , 2018, 5, S187-S187.	0.9	0
88	Multicenter Evaluation of Processing and Analysis of College of American Pathologists (CAP) Proficiency Testing Samples by Laboratory Automation. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	3.9	0
89	Atypical Pathogens Presenting With Pulmonary Consolidations Detected by Cell-Free DNA Next-Generation Sequencing in Patients With Hematologic Malignancies. <i>Infectious Diseases in Clinical Practice</i> , 2022, 30, .	0.3	0