

Melanie L Yarbrough

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,388
citations

516561

16
h-index

345118

36
g-index

59
all docs

59
docs citations

59
times ranked

1880
citing authors

#	ARTICLE	IF	CITATIONS
1	AMPylation of Rho GTPases by <i>Vibrio</i> VopS Disrupts Effector Binding and Downstream Signaling. <i>Science</i> , 2009, 323, 269-272.	6.0	343
2	Arp2/3-independent assembly of actin by <i>Vibrio</i> type III effector VopL. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17117-17122.	3.3	143
3	Fido, a Novel AMPylation Domain Common to Fic, Doc, and AvrB. <i>PLoS ONE</i> , 2009, 4, e5818.	1.1	116
4	<i>Vibrio parahaemolyticus</i> orchestrates a multifaceted host cell infection by induction of autophagy, cell rounding, and then cell lysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12497-12502.	3.3	109
5	Viral Subversion of Nucleocytoplasmic Trafficking. <i>Traffic</i> , 2014, 15, 127-140.	1.3	106
6	Primate-specific miR-576-3p sets host defense signalling threshold. <i>Nature Communications</i> , 2014, 5, 4963.	5.8	52
7	Epidemiology, Clinical Characteristics, and Antimicrobial Susceptibility Profiles of Human Clinical Isolates of <i>Staphylococcus intermedius</i> Group. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	38
8	AMPylation is a new post-translational modification. <i>Nature Chemical Biology</i> , 2009, 5, 378-379.	3.9	33
9	Evaluation of Genotypic and Phenotypic Methods to Detect Carbapenemase Production in Gram-Negative Bacilli. <i>Clinical Chemistry</i> , 2017, 63, 723-730.	1.5	29
10	Effect of changing urine testing orderables and clinician order sets on inpatient urine culture testing: Analysis from a large academic medical center. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 281-286.	1.0	27
11	Local Generation of Kynurenines Mediates Inhibition of Neutrophil Chemotaxis by Uropathogenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2016, 84, 1176-1183.	1.0	26
12	Impact of total laboratory automation on workflow and specimen processing time for culture of urine specimens. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 2405-2411.	1.3	26
13	Characterization of AMPylation on Threonine, Serine, and Tyrosine Using Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 752-761.	1.2	23
14	Fetal lung maturity testing: the end of an era. <i>Biomarkers in Medicine</i> , 2014, 8, 509-515.	0.6	23
15	The ABCs of STIs: An Update on Sexually Transmitted Infections. <i>Clinical Chemistry</i> , 2016, 62, 811-823.	1.5	19
16	Identification of <i>Nocardia</i> , <i>Streptomyces</i> , and <i>Tsukamurella</i> using MALDI-TOF MS with the Bruker Biotyper. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 89, 92-97.	0.8	19
17	Not without cause: <i>Vibrio parahaemolyticus</i> induces acute autophagy and cell death. <i>Autophagy</i> , 2009, 5, 100-102.	4.3	18
18	The Brief Case: Bacteremia and Vertebral Osteomyelitis Due to <i>Staphylococcus schleiferi</i> . <i>Journal of Clinical Microbiology</i> , 2017, 55, 3157-3161.	1.8	16

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19	Multicenter Evaluation of the Xpert MRSA NxG Assay for Detection of Methicillin-Resistant <i>Staphylococcus aureus</i> in Nasal Swabs. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	15
20	Comparison of Microorganism Detection and Time to Positivity in Pediatric and Standard Media from Three Major Commercial Continuously Monitored Blood Culture Systems. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0042921.	1.8	14
21	Analytical performance evaluation of the i-STAT Total β -human chorionic gonadotropin immunoassay. <i>Clinica Chimica Acta</i> , 2015, 446, 165-170.	0.5	13
22	Comparison of Extraction Methods and Thermocyclers for SARS-CoV-2 Molecular Detection Using Clinical Specimens. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	12
23	Successful Treatment of Prosthetic Joint Infection Due to Vancomycin-Resistant Enterococci With Tedizolid. <i>Infectious Diseases in Clinical Practice</i> , 2017, 25, 105-107.	0.1	11
24	Culture of Urine Specimens by Use of chromID CPS Elite Medium Can Expedite <i>Escherichia coli</i> Identification and Reduce Hands-On Time in the Clinical Laboratory. <i>Journal of Clinical Microbiology</i> , 2016, 54, 2767-2773.	1.8	10
25	Mass spectrometric measurement of urinary kynurenine-to-tryptophan ratio in children with and without urinary tract infection. <i>Clinical Biochemistry</i> , 2018, 56, 83-88.	0.8	10
26	Estimating the hCG β 2cf in urine during pregnancy. <i>Clinical Biochemistry</i> , 2016, 49, 282-286.	0.8	9
27	The Brief Case: <i>Staphylococcus intermedius</i> Group—Look What the Dog Dragged In. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	9
28	Frequency of Instrument, Environment, and Laboratory Technologist Contamination during Routine Diagnostic Testing of Infectious Specimens. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	9
29	Clinical Performance of the BioPlex 2200 Syphilis Total & RPR Assay at a Tertiary Medical Center with a High Rate of Syphilis. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	9
30	Breakpoint beware: reliance on historical breakpoints for Enterobacteriaceae leads to discrepancies in interpretation of susceptibility testing for carbapenems and cephalosporins and gaps in detection of carbapenem-resistant organisms. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 187-195.	1.3	9
31	The Brief Case: A Reactive HIV Rapid Antibody Test in a Pregnant Woman. <i>Journal of Clinical Microbiology</i> , 2016, 54, 826-828.	1.8	8
32	Characterizing urinary hCG β 2cf patterns during pregnancy. <i>Clinical Biochemistry</i> , 2016, 49, 777-781.	0.8	7
33	Evaluation of the Risk of Laboratory Microbial Contamination during Routine Testing in Automated Clinical Chemistry and Microbiology Laboratories. <i>Clinical Chemistry</i> , 2020, 66, 1190-1199.	1.5	7
34	Culture of Rectal Swab Specimens for Enteric Bacterial Pathogens Decreases Time to Test Result While Preserving Assay Sensitivity Compared to Bulk Fecal Specimens. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	6
35	Testing for <i>N</i> -methyl-D-aspartate Receptor Autoantibodies in Clinical Practice. <i>Canadian Journal of Neurological Sciences</i> , 2020, 47, 69-76.	0.3	6
36	Incidence and Diagnostic Yield of Repeat Urine Culture in Hospitalized Patients: an Opportunity for Diagnostic Stewardship. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	5

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37	The Brief Case: Erysipelothrix Bacteremia and Endocarditis in a 59-Year-Old Immunocompromised Male on Chronic High-Dose Steroids. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	5
38	Closing the Brief Case: Erysipelothrix Bacteremia and Endocarditis in a 59-Year-Old Immunocompromised Male on Chronic High-Dose Steroids. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	5
39	Shaping the p53 Response with Nucleoporins. <i>Molecular Cell</i> , 2012, 48, 665-666.	4.5	4
40	STI update: Testing, treatment, and emerging threats. <i>Cleveland Clinic Journal of Medicine</i> , 2019, 86, 733-740.	0.6	4
41	Impact of Reflex Algorithms on Urine Culture Utilization. <i>Clinical Microbiology Newsletter</i> , 2018, 40, 19-24.	0.4	3
42	New Bugs and New Drugs: Updates in Clinical Microbiology. <i>journal of applied laboratory medicine, The</i> , 2018, 2, 925-940.	0.6	3
43	Best Practices for Detection of Bloodstream Infection. <i>journal of applied laboratory medicine, The</i> , 2019, 3, 740-742.	0.6	3
44	What's Causing This Dark Brown Plasma?. <i>journal of applied laboratory medicine, The</i> , 2019, 4, 125-129.	0.6	3
45	The Impact of Implementing the Virtuo Blood Culture System on the Characteristics and Management of Patients with Staphylococcus aureus Bacteremia. <i>Journal of Clinical Microbiology</i> , 2022, 60, e0226121.	1.8	3
46	Closing the Brief Case: Bacteremia and Vertebral Osteomyelitis Due to Staphylococcus schleiferi. <i>Journal of Clinical Microbiology</i> , 2017, 55, 3309-3310.	1.8	2
47	The Women's Health Diagnostic Gap. <i>Endocrinology</i> , 2018, 159, 776-778.	1.4	2
48	Use of Rapid Diagnostics To Manage Pediatric Bloodstream Infections? You Bet Your ASP!. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	2
49	Real-World Evaluation of the Impact of Implementation of the Virtuo Blood Culture System in a Tertiary Care Hospital. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0061721.	1.8	2
50	Closing the Brief Case: Staphylococcus intermedius Group "Look What the Dog Dragged In. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	1
51	Evaluation of the Bio-Rad BioPlex 2200 <i>Toxoplasma gondii</i> IgM Multiplex Flow Immunoassay. <i>journal of applied laboratory medicine, The</i> , 2019, 3, 1022-1027.	0.6	1
52	Assessment of the Urinary Microbiota of MSM Using Urine Culturomics Reveals a Diverse Microbial Environment. <i>Clinical Chemistry</i> , 2021, 68, 192-203.	1.5	1
53	Blueberry Muffin Rash, Bilateral Cataracts, and Thrombocytopenia in a Neonate. <i>Clinical Chemistry</i> , 2021, 67, 472-475.	1.5	1
54	Social and Molecular Networks Reveal Dynamics Behind the Rising Incidence of Extensively Drug-resistant Tuberculosis. <i>Clinical Chemistry</i> , 2017, 63, 1776-1776.	1.5	0

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55	Going Batty. <i>Clinical Chemistry</i> , 2019, 65, 1467-1467.	1.5	0
56	The Scoop on Salmonella Susceptibility. <i>Clinical Microbiology Newsletter</i> , 2021, 43, 67-68.	0.4	0