

# Thomas E Gryz

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,131  
citations

586496

16  
h-index

466096

32  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1770  
citing authors

#	ARTICLE	IF	CITATIONS
1	A case of <i>Burkholderia pseudomallei</i> mycotic aneurysm linked to exposure in the Caribbean via whole genome sequencing. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofac136.	0.4	3
2	Effectiveness of Physical Distancing: Staying 6 Feet Over to Put Respiratory Viruses 6 Feet Under. <i>Mayo Clinic Proceedings</i> , 2021, 96, 148-151.	1.4	2
3	Rapid Antimicrobial Susceptibility Testing on Clinical Urine Samples by Video-Based Object Scattering Intensity Detection. <i>Analytical Chemistry</i> , 2021, 93, 7011-7021.	3.2	14
4	Mass Spectrometric Analysis of Urine from COVID-19 Patients for Detection of SARS-CoV-2 Viral Antigen and to Study Host Response. <i>Journal of Proteome Research</i> , 2021, 20, 3404-3413.	1.8	35
5	Development of a Quantitative Antigen Assay to Detect Coccidioidal Chitinase-1 (CTS1). <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab344.	0.4	7
6	Development of a rapid point-of-care test that measures neutralizing antibodies to SARS-CoV-2. <i>Journal of Clinical Virology</i> , 2021, 145, 105024.	1.6	33
7	Direct Antimicrobial Susceptibility Testing on Clinical Urine Samples by Optical Tracking of Single Cell Division Events. <i>Small</i> , 2020, 16, e2004148.	5.2	14
8	Retrospective clinical evaluation of 4 lateral flow assays for the detection of SARS-CoV-2 IgG. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 98, 115161.	0.8	14
9	Laser Capture Microdissection-Assisted Protein Biomarker Discovery from <i>Coccidioides</i> -Infected Lung Tissue. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 365.	1.5	1
10	95 QUANTITATIVE QPCR-BASED BIOBURDEN TEST FOR THE DETECTION OF CARBAPENEM-RESISTANT ENTEROBACTERIACEAE (CRE): NOVEL TEST FOR SURVEILLANCE AND RISK-STRATIFICATION. <i>Gastrointestinal Endoscopy</i> , 2020, 91, AB12-AB13.	0.5	0
11	1177 QUANTITATIVE QPCR-BASED BIOBURDEN TEST FOR THE DETECTION OF CARBAPENEM-RESISTANT ENTEROBACTERIACEAE (CRE): NOVEL TEST FOR SURVEILLANCE AND RISK-STRATIFICATION. <i>Gastrointestinal Endoscopy</i> , 2020, 91, AB106-AB107.	0.5	0
12	Is There an Optimal Cutoff for Aspiration Fluid Volume in the Diagnosis of Periprosthetic Joint Infection?. <i>Journal of Arthroplasty</i> , 2020, 35, 2217-2222.	1.5	5
13	Single dose versus multiple doses of rituximab for preemptive therapy of Epstein-Barr virus reactivation after hematopoietic cell transplantation. <i>Leukemia and Lymphoma</i> , 2019, 60, 110-117.	0.6	10
14	Rapid Antimicrobial Susceptibility Testing of Patient Urine Samples Using Large Volume Free-Solution Light Scattering Microscopy. <i>Analytical Chemistry</i> , 2019, 91, 10164-10171.	3.2	29
15	Carbo-loading in <i>Coccidioides</i> spp.: a quantitative analysis of CAZyme abundance and resulting glycan populations. <i>Glycobiology</i> , 2019, 30, 186-197.	1.3	7
16	Coccidioidomycosis Detection Using Targeted Plasma and Urine Metabolic Profiling. <i>Journal of Proteome Research</i> , 2019, 18, 2791-2802.	1.8	33
17	Evaluation of Virex® II 256 and Virex® Tb as Disinfectants of the Dimorphic Fungi <i>Coccidioides immitis</i> and <i>Coccidioides posadasii</i> . <i>Applied Biosafety</i> , 2019, 24, 30-33.	0.2	2
18	What is the optimal protocol to decontaminate a dropped custom polyethylene component?. <i>Knee</i> , 2019, 26, 444-450.	0.8	1

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19	Comparison of two FDA-cleared EIA assays for the detection of <i>Coccidioides</i> antibodies against a composite clinical standard. <i>Medical Mycology</i> , 2019, 57, 595-600.	0.3	21
20	<i>Coccidioidomycosis</i> Detection Using Targeted Plasma and Urine Metabolic Profiling. <i>FASEB Journal</i> , 2019, 33, lb252.	0.2	0
21	Phenotypic Antimicrobial Susceptibility Testing with Deep Learning Video Microscopy. <i>Analytical Chemistry</i> , 2018, 90, 6314-6322.	3.2	61
22	Evaluation of 4 molecular assays as part of a 2-step algorithm for the detection of <i>Clostridium difficile</i> in stool specimens. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 91, 1-5.	0.8	7
23	Front Cover: Proteogenomic Re-Annotation of <i>Coccidioides posadasii</i> Strain Silveira. <i>Proteomics</i> , 2018, 18, 18700011.	1.3	4
24	Prospective study of the feasibility of point-of-care testing strategy for carbapenem-resistant organism detection. <i>Endoscopy International Open</i> , 2018, 06, E58-E63.	0.9	5
25	Proteogenomic Re-Annotation of <i>Coccidioides posadasii</i> Strain Silveira. <i>Proteomics</i> , 2018, 18, 1700173.	1.3	21
26	Is It Actionable? An Evaluation of the Rapid PCR-Based Blood Culture Identification Panel on the Management of Gram-Positive and Gram-Negative Blood Stream Infections. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy308.	0.4	8
27	Impact of Nasopharyngeal FilmArray Respiratory Panel Results on Antimicrobial Decisions in Hospitalized Patients. <i>Canadian Respiratory Journal</i> , 2018, 2018, 1-7.	0.8	13
28	The Brief Case: The Unexpected Souvenir. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	3
29	Closing the Brief Case: The Unexpected Souvenir. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	1
30	Microbiologic yield of bronchoalveolar lavage specimens from stem cell transplant recipients. <i>Transplant Infectious Disease</i> , 2017, 19, e12684.	0.7	12
31	Eliminating Duodenoscope-Associated Transmission of Carbapenem-Resistant Enterobacteriaceae (CRE): In Search of an Optimal Strategy. <i>Digestive Diseases and Sciences</i> , 2017, 62, 2961-2963.	1.1	1
32	Current and emerging techniques for antibiotic susceptibility tests. <i>Theranostics</i> , 2017, 7, 1795-1805.	4.6	143
33	Total and Lectin-Binding Proteome of Spherulin from <i>Coccidioides posadasii</i> . <i>Journal of Proteome Research</i> , 2016, 15, 3463-3472.	1.8	5
34	276 Feasibility and Accuracy of a Point-of-Care Test for Carbapenem-Resistant Enterobacteriaceae (CRE) Detection. <i>Gastrointestinal Endoscopy</i> , 2016, 83, AB137-AB138.	0.5	0
35	Antimicrobial De-escalation Based on FilmArray Respiratory Panel and Serum Procalcitonin Testing. <i>Chest</i> , 2015, 148, 112A.	0.4	1
36	Whoop There It Is - A Case of <i>Bordetella Pertussis</i> Tracheitis. <i>Chest</i> , 2015, 148, 163A.	0.4	0

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37	Histopathology of Disseminated <i>Mycobacterium bovis</i> Infection Complicating Intravesical BCG Immunotherapy for Urothelial Carcinoma. <i>International Journal of Surgical Pathology</i> , 2015, 23, 189-195.	0.4	13
38	FilmArray Respiratory Panel Assay: Comparison of Nasopharyngeal Swabs and Bronchoalveolar Lavage Samples. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3784-3787.	1.8	44
39	1426 Correlation of Cytomegalovirus Viral Load between a Laboratory-Developed Test and a WHO-Calibrated Commercial Assay in Transplant Recipients. <i>Open Forum Infectious Diseases</i> , 2014, 1, S375-S375.	0.4	1
40	Identification of an Influenza A H1N1/2009 Virus with Mutations in the Matrix Gene Causing a Negative Result by a Commercial Molecular Assay. <i>Journal of Clinical Microbiology</i> , 2013, 51, 2006-2007.	1.8	15
41	Clinical Specificity of the Enzyme Immunoassay Test for Coccidioidomycosis Varies According to the Reason for Its Performance. <i>Vaccine Journal</i> , 2013, 20, 95-98.	3.2	46
42	Atypical <i>Shigella boydii</i> 13 encodes virulence factors seen in attaching and effacing <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2012, 328, 20-25.	0.7	9
43	<i>Pneumocystis jirovecii</i> testing by real-time polymerase chain reaction and direct examination among immunocompetent and immunosuppressed patient groups and correlation to disease specificity. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 69, 145-152.	0.8	62
44	Developing a Quality System for Quantitative Laboratory-Developed Tests. <i>Clinical Microbiology Newsletter</i> , 2011, 33, 179-185.	0.4	4
45	Precision across the Analytical Measuring Range of a Quantitative Real-Time PCR Assay for Cytomegalovirus Detection among Three Clinical Laboratories. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3044-3046.	1.8	6
46	Rapid and Sensitive Detection of Shiga Toxin-Producing <i>Escherichia coli</i> from Nonenriched Stool Specimens by Real-Time PCR in Comparison to Enzyme Immunoassay and Culture. <i>Journal of Clinical Microbiology</i> , 2009, 47, 2008-2012.	1.8	59
47	Characterization of the StcE Protease Activity of <i>Escherichia coli</i> O157:H7. <i>Journal of Bacteriology</i> , 2006, 188, 4646-4653.	1.0	43
48	The StcE Protease Contributes to Intimate Adherence of Enterohemorrhagic <i>Escherichia coli</i> O157:H7 to Host Cells. <i>Infection and Immunity</i> , 2005, 73, 1295-1303.	1.0	125
49	Inhibition of plasma kallikrein by C1-inhibitor: role of endothelial cells and the amino-terminal domain of C1-inhibitor. <i>Thrombosis and Haemostasis</i> , 2004, 92, 1277-1283.	1.8	23
50	StcE, a metalloprotease secreted by <i>Escherichia coli</i> O157:H7, specifically cleaves C1 esterase inhibitor. <i>Molecular Microbiology</i> , 2002, 45, 277-288.	1.2	158