

Gary W Procop

List of Publications by Year in descending order

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114
papers

4,185
citations

126907

33
h-index

123424

61
g-index

115
all docs

115
docs citations

115
times ranked

5921
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicenter Clinical Evaluation of Vitek 2 Meropenem-Vaborbactam for Susceptibility Testing of <i>Enterobacterales</i> and <i>Pseudomonas aeruginosa</i> . <i>Journal of Clinical Microbiology</i> , 2022, 60, JCM0161021.	3.9	3
2	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) nucleic acid contamination of surfaces on a coronavirus disease 2019 (COVID-19) ward and intensive care unit. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 215-217.	1.8	16
3	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
4	Real-time polymerase chain reaction (PCR) cycle threshold and <i>Clostridioides difficile</i> infection outcomes. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 1228-1234.	1.8	3
5	Home testing for COVID-19: Benefits and limitations. <i>Cleveland Clinic Journal of Medicine</i> , 2021, , .	1.3	13
6	Multicenter evaluation of the VITEK MS matrix-assisted laser desorption/ionization–time of flight mass spectrometry system for identification of bacteria, including <i>Brucella</i> , and yeasts. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 1909-1917.	2.9	3
7	Genomic Epidemiology of SARS-CoV-2 Infection During the Initial Pandemic Wave and Association With Disease Severity. <i>JAMA Network Open</i> , 2021, 4, e217746.	5.9	29
8	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
9	Molecular Diagnosis of SARS-CoV-2: Assessing and Interpreting Nucleic Acid and Antigen Tests. <i>Pathogens and Immunity</i> , 2021, 6, 135-156.	3.1	10
10	Risks for Recurrent Vulvovaginal Candidiasis Caused by Non- <i>Albicans Candida</i> Versus <i>Candida Albicans</i> . <i>Journal of Women's Health</i> , 2021, 30, 1588-1596.	3.3	4
11	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
12	Routine testing for herpes simplex virus in bronchoalveolar lavage specimens is unwarranted. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 100, 115400.	1.8	1
13	Diagnosis of <i>Clostridioides difficile</i> infection by analysis of volatile organic compounds in breath, plasma, and stool: A cross-sectional proof-of-concept study. <i>PLoS ONE</i> , 2021, 16, e0256259.	2.5	4
14	Clinical Significance and Histologic Characterization of <i>Histoplasma</i> Granulomas. <i>American Journal of Clinical Pathology</i> , 2021, 155, 581-587.	0.7	3
15	Operationalizing COVID-19 testing: Who, what, when, where, why, and how. <i>Cleveland Clinic Journal of Medicine</i> , 2021, , .	1.3	1
16	An Electronic Strategy for Eliminating Unnecessary Duplicate Genetic Testing. <i>American Journal of Clinical Pathology</i> , 2020, 153, 328-332.	0.7	4
17	Addressing the threat from within: Investigation of respiratory symptoms in a health care worker with untreated latent tuberculosis infection. <i>American Journal of Infection Control</i> , 2020, 48, 82-85.	2.3	1
18	The Impact of Transit Times on the Detection of Bacterial Pathogens in Blood Cultures: A College of American Pathologists Q-Probes Study of 36 Institutions. <i>Archives of Pathology and Laboratory Medicine</i> , 2020, 144, 564-571.	2.5	3

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19	Diagnosis of <i>Mycobacterium abscessus</i> / <i>chelonae</i> complex cutaneous infection: Correlation of tissue culture and skin biopsy. <i>Journal of Cutaneous Pathology</i> , 2020, 47, 321-327.	1.3	11
20	Cytopathology milestones: can you get to level 5?. <i>Journal of the American Society of Cytopathology</i> , 2020, 9, 242-248.	0.5	4
21	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
22	Optimal Timing of Repeat Multiplex Molecular Testing for Respiratory Viruses. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	5
23	Association of Use of Angiotensin-Converting Enzyme Inhibitors and Angiotensin II Receptor Blockers With Testing Positive for Coronavirus Disease 2019 (COVID-19). <i>JAMA Cardiology</i> , 2020, 5, 1020.	6.1	350
24	Dermatofibrosarcoma Protuberans: Update on the Diagnosis and Treatment. <i>Journal of Clinical Medicine</i> , 2020, 9, 1752.	2.4	73
25	Distribution of Transmission Potential During Nonsevere COVID-19 Illness. <i>Clinical Infectious Diseases</i> , 2020, 71, 2927-2932.	5.8	39
26	Whatâ€™s in a Name? Comparative Analysis of Laboratory Test Naming Guidelines as Applied to Common Confusing Test Names. <i>American Journal of Clinical Pathology</i> , 2020, 154, S18-S19.	0.7	1
27	Comparison of real-time PCR vs PCR with fragment length analysis for the detection of <i>CALR</i> mutations in suspected myeloproliferative neoplasms. <i>International Journal of Laboratory Hematology</i> , 2019, 41, e139-e141.	1.3	2
28	Implementation of a Stewardship Initiative on Respiratory Viral PCR-based Antibiotic Deescalation. <i>Pharmacotherapy</i> , 2019, 39, 709-717.	2.6	24
29	Chronic laryngitis caused by <i>Mycobacterium Kansasi</i> in a traveler. <i>Laryngoscope</i> , 2019, 129, 2534-2536.	2.0	3
30	Operational Aspects of a Clinical Decision Support Program. <i>Clinics in Laboratory Medicine</i> , 2019, 39, 215-229.	1.4	4
31	Prospective Evaluation of Molecular Assays for Diagnosis of Vaginitis. <i>Journal of Clinical Microbiology</i> , 2019, 58, .	3.9	14
32	Cystic neutrophilic granulomatous mastitis: The Cleveland Clinic experience with diagnosis and management. <i>Breast Journal</i> , 2019, 25, 80-85.	1.0	36
33	Routine Broad-Range Fungal Polymerase Chain Reaction With DNA Sequencing in Patients With Suspected Mycoses Does Not Add Value and Is Not Cost-Effective. <i>Archives of Pathology and Laboratory Medicine</i> , 2019, 143, 634-638.	2.5	20
34	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
35	Detection of Herpes Simplex Virus and Varicella-Zoster Virus by Traditional and Multiplex Molecular Methods. <i>American Journal of Clinical Pathology</i> , 2019, 151, 122-126.	0.7	11
36	Impact of Interventions to Change CBC and Differential Ordering Patterns in the Emergency Department. <i>American Journal of Clinical Pathology</i> , 2019, 151, 194-197.	0.7	7

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37	The Impact of an Electronic Expensive Test Notification. American Journal of Clinical Pathology, 2018, 149, 530-535.	0.7	8
38	Histoplasma Urinary Antigen Testing Obviates the Need for Coincident Serum Antigen Testing. American Journal of Clinical Pathology, 2018, 149, 362-368.	0.7	19
39	Practical Guidance for Clinical Microbiology Laboratories: Laboratory Diagnosis of Parasites from the Gastrointestinal Tract. Clinical Microbiology Reviews, 2018, 31, .	13.6	121
40	Unsatisfactory exfoliative anal cytology samples, 15-year experience with histologic, cytologic, and molecular follow-up. Diagnostic Cytopathology, 2018, 46, 117-121.	1.0	13
41	1731. Disseminated Metacestode Infection Due to an Unknown Versteria Species. Open Forum Infectious Diseases, 2018, 5, S57-S58.	0.9	1
42	2010. Volatile Organic Compounds Patterns in Breath, Plasma, and Stool in Patients with Clostridium difficile Infection: A Cross-Sectional Proof of Concept Study. Open Forum Infectious Diseases, 2018, 5, S585-S585.	0.9	0
43	2292. Comparison of Molecular Assays for the Diagnosis of Pertussis. Open Forum Infectious Diseases, 2018, 5, S679-S679.	0.9	0
44	1810. Therapeutic Drug Monitoring of Azole Antifungals at an Academic Medical Center: Opportunities and Lessons Learned. Open Forum Infectious Diseases, 2018, 5, S513-S514.	0.9	0
45	First documented case of Sarcina in esophageal brushing cytology. Diagnostic Cytopathology, 2018, 46, 886-887.	1.0	7
46	Validation of Metagenomic Next-Generation Sequencing Tests for Universal Pathogen Detection. Archives of Pathology and Laboratory Medicine, 2017, 141, 776-786.	2.5	404
47	HIV and mycobacteria. Seminars in Diagnostic Pathology, 2017, 34, 332-339.	1.5	18
48	The cytopathology of Actinomyces, Nocardia, and their mimickers. Diagnostic Cytopathology, 2017, 45, 1105-1115.	1.0	44
49	Preanalytic process linked to spuriously elevated HIV viral loads: improvement on an FDA-approved process. Diagnostic Microbiology and Infectious Disease, 2017, 89, 44-46.	1.8	3
50	Diagnostic utility of urine cytology in early detection of polyomavirus in transplant patients. Journal of the American Society of Cytopathology, 2017, 6, 28-32.	0.5	2
51	Pneumocystis PCR: It Is Time to Make PCR the Test of Choice. Open Forum Infectious Diseases, 2017, 4, ofx193.	0.9	26
52	Laboratory Diagnosis and Susceptibility Testing for Mycobacterium tuberculosis. , 2017, , 45-58.		1
53	Transforming Laboratory Utilization Review into Laboratory Stewardship: Guidelines by the PLUGS National Committee for Laboratory Stewardship. journal of applied laboratory medicine, The, 2017, 2, 259-268.	1.3	30
54	The combined rapid detection and species-level identification of yeasts in simulated blood culture using a colorimetric sensor array. PLoS ONE, 2017, 12, e0173130.	2.5	12

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55	Varicella Zoster Virus and Large Vessel Vasculitis, the Absence of an Association. <i>Pathogens and Immunity</i> , 2017, 2, 228.	3.1	25
56	Clinical Utility of Fecal Lactoferrin in Determining Infectious Etiology of Diarrhea. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
57	Impact of Antimicrobial Stewardship and Rapid Microarray Testing on Patients With Gram-Negative Bacteremia. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
58	Does Pneumatic Tube System Transport Contribute to Hemolysis in ED Blood Samples?. <i>Western Journal of Emergency Medicine</i> , 2016, 17, 557-560.	1.1	15
59	Secondary syphilis in HIV positive individuals: correlation with histopathologic findings, CD4 counts, and quantity of treponemes in microscopic sections. <i>Journal of Cutaneous Pathology</i> , 2016, 43, 847-851.	1.3	11
60	Cerebral Paragonimiasis Presenting with Sudden Death. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 1424-1427.	1.4	11
61	Laboratory Diagnosis and Susceptibility Testing for <i>Mycobacterium tuberculosis</i> . <i>Microbiology Spectrum</i> , 2016, 4, .	3.0	18
62	<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
63	Experience With Rapid Microarray-Based Diagnostic Technology and Antimicrobial Stewardship for Patients With Gram-Positive Bacteremia. <i>Infection Control and Hospital Epidemiology</i> , 2016, 37, 1361-1366.	1.8	34
64	Cross-reactivity of Anti-Treponema Immunohistochemistry With Non-Treponema Spirochetes: A Simple Call for Caution. <i>Archives of Pathology and Laboratory Medicine</i> , 2016, 140, 1021-1022.	2.5	10
65	Prospective Clinical Study of Precision Oncology in Solid Tumors. <i>Journal of the National Cancer Institute</i> , 2016, 108, .	6.3	70
66	Improving Molecular Genetic Test Utilization through Order Restriction, Test Review, and Guidance. <i>Journal of Molecular Diagnostics</i> , 2015, 17, 225-229.	2.8	46
67	Reducing Duplicate Testing. <i>American Journal of Clinical Pathology</i> , 2015, 143, 623-626.	0.7	61
68	Cytokeratin 20-negative Merkel cell carcinoma is infrequently associated with the Merkel cell polyomavirus. <i>Modern Pathology</i> , 2015, 28, 498-504.	5.5	46
69	Acid-fast Smear and Histopathology Results Provide Guidance for the Appropriate Use of Broad-Range Polymerase Chain Reaction and Sequencing for Mycobacteria. <i>Archives of Pathology and Laboratory Medicine</i> , 2015, 139, 1020-1023.	2.5	16
70	Utility of PCR, Culture, and Antigen Detection Methods for Diagnosis of Legionellosis. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3474-3477.	3.9	26
71	1408Evaluation of Legionella Diagnostic Testing by Urinary Antigen, Culture, and PCR. <i>Open Forum Infectious Diseases</i> , 2014, 1, S370-S371.	0.9	0
72	Medically Important Fungi: A Guide to Identification – 5th Edition. <i>Laboratory Medicine</i> , 2014, 45, e68-e69.	1.2	7

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73	Multicenter validation of the VITEK MS v2.0 MALDI-TOF mass spectrometry system for the identification of fastidious gram-negative bacteria. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 78, 129-131.	1.8	39
74	Duplicate Laboratory Test Reduction Using a Clinical Decision Support Tool. <i>American Journal of Clinical Pathology</i> , 2014, 141, 718-723.	0.7	64
75	Diagnosis of BK Viral Nephropathy in the Renal Allograft Biopsy. <i>Journal of Molecular Diagnostics</i> , 2012, 14, 494-500.	2.8	14
76	Unplugged: the code of life. <i>Medical Laboratory Observer</i> , 2011, 43, 40, 42.	0.1	0
77	Molecular Diagnostics for Invasive Fungal Infections. <i>Journal of Molecular Diagnostics</i> , 2010, 12, 17-19.	2.8	7
78	Decrease in <i>Staphylococcus aureus</i> Colonization and Hospital-Acquired Infection in a Medical Intensive Care Unit after Institution of an Active Surveillance and Decolonization Program. <i>Infection Control and Hospital Epidemiology</i> , 2010, 31, 779-783.	1.8	3
79	Improved Detection of Biofilm-formative Bacteria by Vortexing and Sonication: A Pilot Study. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 1360-1364.	1.5	101
80	North American Paragonimiasis (Caused by <i>Paragonimus kellicotti</i>) in the Context of Global Paragonimiasis. <i>Clinical Microbiology Reviews</i> , 2009, 22, 415-446.	13.6	132
81	Limiting false-positive polymerase chain reaction results: detection of DNA and mRNA to differentiate viable from dead bacteria. <i>Diagnostic Microbiology and Infectious Disease</i> , 2009, 64, 445-447.	1.8	25
82	Solitary <i>Nocardia farcinica</i> brain abscess in an immunocompetent adult mimicking metastatic brain tumor: rapid diagnosis by pyrosequencing and successful treatment. <i>World Neurosurgery</i> , 2009, 72, 74-79.	1.3	35
83	Molecular Identification of Bacteria from Aseptically Loose Implants. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 1716-1725.	1.5	79
84	A Single-Tube Screen for <i>Salmonella</i> and <i>Shigella</i> . <i>American Journal of Clinical Pathology</i> , 2008, 130, 284-289.	0.7	2
85	Molecular Diagnostics for the Detection and Characterization of Microbial Pathogens. <i>Clinical Infectious Diseases</i> , 2007, 45, S99-S111.	5.8	98
86	Evaluation of Molecular Diagnostic Assays for Fungal Infections. <i>Journal of Molecular Diagnostics</i> , 2006, 8, 297-298.	2.8	5
87	JC Virus Chromogenic In Situ Hybridization in Brain Biopsies From Patients With and Without PML. <i>Diagnostic Molecular Pathology</i> , 2006, 15, 70-73.	2.1	11
88	The comparison of pyrosequencing molecular Gram stain, culture, and conventional Gram stain for diagnosing orthopaedic infections. <i>Journal of Orthopaedic Research</i> , 2006, 24, 1641-1649.	2.3	40
89	A Molecular Gram Stain Using Broad Range PCR and Pyrosequencing Technology. <i>Diagnostic Molecular Pathology</i> , 2005, 14, 83-89.	2.1	39
90	Broad-Range (Pan) <i>Salmonella</i> and <i>Salmonella</i> Serotype Typhi-Specific Real-Time PCR Assays. <i>American Journal of Clinical Pathology</i> , 2005, 123, 339-345.	0.7	26

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91	Comparison of Five Methods for Extraction of <i>Legionella pneumophila</i> from Respiratory Specimens. <i>Journal of Clinical Microbiology</i> , 2004, 42, 5913-5916.	3.9	40
92	Correlation between Viral Loads of Cytomegalovirus in Blood and Bronchoalveolar Lavage Specimens from Lung Transplant Recipients Determined by Histology and Immunohistochemistry. <i>Journal of Clinical Microbiology</i> , 2004, 42, 2168-2172.	3.9	93
93	Emerging fungal diseases: the importance of the host. <i>Clinics in Laboratory Medicine</i> , 2004, 24, 691-719.	1.4	31
94	Detection of Polyoma Virus in Brain Tissue of Patients With Progressive Multifocal Leukoencephalopathy by Real-Time PCR and Pyrosequencing. <i>Diagnostic Molecular Pathology</i> , 2004, 13, 15-21.	2.1	26
95	Rotaviral and bacterial gastroenteritis in children during winter: an evaluation of physician ordering patterns. <i>Journal of Clinical Virology</i> , 2003, 28, 44-50.	3.1	8
96	Detection and Differentiation of <i>Mycobacterium tuberculosis</i> and Nontuberculous Mycobacterial Isolates by Real-Time PCR. <i>Journal of Clinical Microbiology</i> , 2003, 41, 5121-5126.	3.9	104
97	Cavitary Mass Lesion and Recurrent Pneumothoraces Due to <i>Paragonimus kellicotti</i> Infection. <i>American Journal of Surgical Pathology</i> , 2003, 27, 1157-1160.	3.7	37
98	Identification of <i>Histoplasma capsulatum</i> from Culture Extracts by Real-Time PCR. <i>Journal of Clinical Microbiology</i> , 2003, 41, 1295-1298.	3.9	64
99	Outsourcing Microbiology and Offsite Laboratories. <i>Archives of Pathology and Laboratory Medicine</i> , 2003, 127, 623-624.	2.5	15
100	Rapid Identification of <i>Staphylococcus aureus</i> and the <i>mecA</i> Gene from BacT/ALERT Blood Culture Bottles by Using the LightCycler System. <i>Journal of Clinical Microbiology</i> , 2002, 40, 2659-2661.	3.9	109
101	Rapid Identification of <i>Staphylococcus aureus</i> Directly from Blood Cultures by Fluorescence In Situ Hybridization with Peptide Nucleic Acid Probes. <i>Journal of Clinical Microbiology</i> , 2002, 40, 247-251.	3.9	166
102	In situ hybridization for the detection of infectious agents. <i>Clinical Microbiology Newsletter</i> , 2002, 24, 121-125.	0.7	7
103	GASTROINTESTINAL INFECTIONS. <i>Infectious Disease Clinics of North America</i> , 2001, 15, 1073-1108.	5.1	27
104	Persistence of <i>Plasmodium falciparum</i> in the Placenta After Apparently Effective Quinidine/Clindamycin Therapy. <i>Journal of Perinatology</i> , 2001, 21, 128-130.	2.0	12
105	Infectious Disease Pathology. <i>Clinical Infectious Diseases</i> , 2001, 32, 1589-1601.	5.8	75
106	Histologic Features of Zygomycosis. <i>Archives of Pathology and Laboratory Medicine</i> , 2001, 125, 375-378.	2.5	190
107	North American Paragonimiasis. <i>Acta Cytologica</i> , 2000, 44, 75-80.	1.3	40
108	Antimicrobial susceptibility of <i>Abiotrophia adiacens</i> and <i>Abiotrophia defectiva</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2000, 38, 189-191.	1.8	88

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109	Evaluation of the Alexon-Trend ProSpecT <i>Campylobacter</i> Microplate Assay. <i>Journal of Clinical Microbiology</i> , 2000, 38, 3853-3855.	3.9	27
110	Ciliocytophthoria in Clinical Virology. <i>Archives of Pathology and Laboratory Medicine</i> , 2000, 124, 1220-1223.	2.5	20
111	Use of Polymerase Chain Reaction for Citrate Synthase Gene to Diagnose <i>Bartonella quintana</i> Endocarditis. <i>American Journal of Clinical Pathology</i> , 1999, 112, 36-40.	0.7	20
112	Histologic Parameters Predictive of Mycobacterial Infection. <i>American Journal of Clinical Pathology</i> , 1998, 109, 331-334.	0.7	32
113	Molecular diagnostics of infectious diseases. <i>Clinical Chemistry</i> , 1997, 43, 2021-2038.	3.2	251
114	Small intestinal histoplasmosis: successful treatment with itraconazole in an immunocompetent host. <i>Gastrointestinal Endoscopy</i> , 1996, 43, 518-521.	1.0	13