

Benjamin A Pinsky

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1797486/publications.pdf>

Version: 2024-02-01

233
papers

11,563
citations

38660

50
h-index

42291

92
g-index

271
all docs

271
docs citations

271
times ranked

19335
citing authors

#	ARTICLE	IF	CITATIONS
1	Rates of Co-infection Between SARS-CoV-2 and Other Respiratory Pathogens. JAMA - Journal of the American Medical Association, 2020, 323, 2085.	3.8	610
2	Norovirus. Clinical Microbiology Reviews, 2015, 28, 134-164.	5.7	437
3	Defining the features and duration of antibody responses to SARS-CoV-2 infection associated with disease severity and outcome. Science Immunology, 2020, 5, .	5.6	404
4	Infection and Vaccine-Induced Neutralizing-Antibody Responses to the SARS-CoV-2 B.1.617 Variants. New England Journal of Medicine, 2021, 385, 664-666.	13.9	297
5	Sample Pooling as a Strategy to Detect Community Transmission of SARS-CoV-2. JAMA - Journal of the American Medical Association, 2020, 323, 1967.	3.8	293
6	Report from the American Society for Microbiology COVID-19 International Summit, 23 March 2020: Value of Diagnostic Testing for SARS-CoV-2/COVID-19. MBio, 2020, 11, .	1.8	288
7	IgG antibodies to dengue enhanced for Fc γ RIIIA binding determine disease severity. Science, 2017, 355, 395-398.	6.0	286
8	The Ipl1-Aurora protein kinase activates the spindle checkpoint by creating unattached kinetochores. Nature Cell Biology, 2006, 8, 78-83.	4.6	272
9	The spindle checkpoint: tension versus attachment. Trends in Cell Biology, 2005, 15, 486-493.	3.6	257
10	Viremia and Clinical Presentation in Nicaraguan Patients Infected With Zika Virus, Chikungunya Virus, and Dengue Virus. Clinical Infectious Diseases, 2016, 63, 1584-1590.	2.9	249
11	Immune imprinting, breadth of variant recognition, and germinal center response in human SARS-CoV-2 infection and vaccination. Cell, 2022, 185, 1025-1040.e14.	13.5	243
12	Proinflammatory IgG Fc structures in patients with severe COVID-19. Nature Immunology, 2021, 22, 67-73.	7.0	239
13	Electric field-driven microfluidics for rapid CRISPR-based diagnostics and its application to detection of SARS-CoV-2. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29518-29525.	3.3	222
14	Human B Cell Clonal Expansion and Convergent Antibody Responses to SARS-CoV-2. Cell Host and Microbe, 2020, 28, 516-525.e5.	5.1	219
15	Zika Virus: Diagnostics for an Emerging Pandemic Threat. Journal of Clinical Microbiology, 2016, 54, 860-867.	1.8	216
16	Gastrointestinal symptoms and fecal shedding of SARS-CoV-2 RNA suggest prolonged gastrointestinal infection. Med, 2022, 3, 371-387.e9.	2.2	165
17	Clinical Impact of Metagenomic Next-Generation Sequencing of Plasma Cell-Free DNA for the Diagnosis of Infectious Diseases: A Multicenter Retrospective Cohort Study. Clinical Infectious Diseases, 2021, 72, 239-245.	2.9	158
18	Next-Generation Sequencing for Infectious Disease Diagnosis and Management. Journal of Molecular Diagnostics, 2015, 17, 623-634.	1.2	151

#	ARTICLE	IF	CITATIONS
19	An International Collaboration to Harmonize the Quantitative Plasma Epstein-Barr Virus DNA Assay for Future Biomarker-Guided Trials in Nasopharyngeal Carcinoma. <i>Clinical Cancer Research</i> , 2013, 19, 2208-2215.	3.2	149
20	Single-Reaction Multiplex Reverse Transcription PCR for Detection of Zika, Chikungunya, and Dengue Viruses. <i>Emerging Infectious Diseases</i> , 2016, 22, 1295-1297.	2.0	142
21	Protein Phosphatase 1 Regulates Exit from the Spindle Checkpoint in Budding Yeast. <i>Current Biology</i> , 2009, 19, 1182-1187.	1.8	138
22	Diagnosis of Zika virus infection on a nanotechnology platform. <i>Nature Medicine</i> , 2017, 23, 548-550.	15.2	130
23	Increased viral variants in children and young adults with impaired humoral immunity and persistent SARS-CoV-2 infection: A consecutive case series. <i>EBioMedicine</i> , 2021, 67, 103355.	2.7	128
24	Virus-inclusive single-cell RNA sequencing reveals the molecular signature of progression to severe dengue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12363-E12369.	3.3	124
25	An International Multicenter Performance Analysis of Cytomegalovirus Load Tests. <i>Clinical Infectious Diseases</i> , 2013, 56, 367-373.	2.9	119
26	Interferon- β Release Assay for Accurate Detection of Severe Acute Respiratory Syndrome Coronavirus 2 T-Cell Response. <i>Clinical Infectious Diseases</i> , 2021, 73, e3130-e3132.	2.9	114
27	A Comparison of CMV Detection in Gastrointestinal Mucosal Biopsies Using Immunohistochemistry and PCR Performed on Formalin-fixed, Paraffin-embedded Tissue. <i>American Journal of Surgical Pathology</i> , 2013, 37, 995-1000.	2.1	108
28	Peginterferon Lambda-1a for treatment of outpatients with uncomplicated COVID-19: a randomized placebo-controlled trial. <i>Nature Communications</i> , 2021, 12, 1967.	5.8	107
29	Triplex Real-Time RT-PCR for Severe Acute Respiratory Syndrome Coronavirus 2. <i>Emerging Infectious Diseases</i> , 2020, 26, 1633-1635.	2.0	104
30	Glc7/Protein Phosphatase 1 Regulatory Subunits Can Oppose the Ipl1/Aurora Protein Kinase by Redistributing Glc7. <i>Molecular and Cellular Biology</i> , 2006, 26, 2648-2660.	1.1	102
31	Quantitation of Human Papillomavirus DNA in Plasma of Oropharyngeal Carcinoma Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, e351-e358.	0.4	101
32	Homotypic Dengue Virus Reinfections in Nicaraguan Children. <i>Journal of Infectious Diseases</i> , 2016, 214, 986-993.	1.9	100
33	An Mtw1 Complex Promotes Kinetochore Biorientation that Is Monitored by the Ipl1/Aurora Protein Kinase. <i>Developmental Cell</i> , 2003, 5, 735-745.	3.1	94
34	Single-Reaction, Multiplex, Real-Time RT-PCR for the Detection, Quantitation, and Serotyping of Dengue Viruses. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e21116.	1.3	93
35	High Frequency of SARS-CoV-2 RNAemia and Association With Severe Disease. <i>Clinical Infectious Diseases</i> , 2021, 72, e291-e295.	2.9	93
36	Global epidemiology of non-influenza RNA respiratory viruses: data gaps and a growing need for surveillance. <i>Lancet Infectious Diseases</i> , The, 2017, 17, e320-e326.	4.6	92

#	ARTICLE	IF	CITATIONS
37	Detection of Cytomegalovirus Drug Resistance Mutations by Next-Generation Sequencing. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3700-3710.	1.8	91
38	Current State of PCR-Based Epstein-Barr Virus DNA Testing for Nasopharyngeal Cancer. <i>Journal of the National Cancer Institute</i> , 2017, 109, .	3.0	85
39	Effect of Oral Azithromycin vs Placebo on COVID-19 Symptoms in Outpatients With SARS-CoV-2 Infection. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 490.	3.8	85
40	Multiplex SARS-CoV-2 Genotyping Reverse Transcriptase PCR for Population-Level Variant Screening and Epidemiologic Surveillance. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0085921.	1.8	82
41	Occurrence and Timing of Subsequent Severe Acute Respiratory Syndrome Coronavirus 2 Reverse-transcription Polymerase Chain Reaction Positivity Among Initially Negative Patients. <i>Clinical Infectious Diseases</i> , 2021, 72, 323-326.	2.9	78
42	Zika Virus and Chikungunya Virus Coinfections: A Series of Three Cases from a Single Center in Ecuador. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 894-896.	0.6	72
43	Zika Virus, Chikungunya Virus, and Dengue Virus in Cerebrospinal Fluid from Adults with Neurological Manifestations, Guayaquil, Ecuador. <i>Frontiers in Microbiology</i> , 2017, 8, 42.	1.5	71
44	Progress in Quantitative Viral Load Testing: Variability and Impact of the WHO Quantitative International Standards. <i>Journal of Clinical Microbiology</i> , 2017, 55, 423-430.	1.8	70
45	Improved Detection of Emerging Drug-Resistant Mutant Cytomegalovirus Subpopulations by Deep Sequencing. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4697-4702.	1.4	63
46	Multiplex Real-Time PCR Assay for Rapid Identification of <i>Mycobacterium tuberculosis</i> Complex Members to the Species Level. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2241-2246.	1.8	62
47	Comparison of an <i>In Vitro</i> Diagnostic Next-Generation Sequencing Assay with Sanger Sequencing for HIV-1 Genotypic Resistance Testing. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	62
48	Comparison of the Accula SARS-CoV-2 Test with a Laboratory-Developed Assay for Detection of SARS-CoV-2 RNA in Clinical Nasopharyngeal Specimens. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	62
49	Persistent detection of SARS-CoV-2 RNA in patients and healthcare workers with COVID-19. <i>Journal of Clinical Virology</i> , 2020, 129, 104477.	1.6	61
50	Direct comparison of antibody responses to four SARS-CoV-2 vaccines in Mongolia. <i>Cell Host and Microbe</i> , 2021, 29, 1738-1743.e4.	5.1	61
51	A 20-Gene Set Predictive of Progression to Severe Dengue. <i>Cell Reports</i> , 2019, 26, 1104-1111.e4.	2.9	60
52	Multiplexed identification, quantification and genotyping of infectious agents using a semiconductor biochip. <i>Nature Biotechnology</i> , 2018, 36, 738-745.	9.4	59
53	Comparison of the FDA-Approved CDC DENV-1-4 Real-Time Reverse Transcription-PCR with a Laboratory-Developed Assay for Dengue Virus Detection and Serotyping. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3418-3420.	1.8	58
54	Metagenomic DNA Sequencing for the Diagnosis of Intraocular Infections. <i>Ophthalmology</i> , 2017, 124, 1247-1248.	2.5	54

#	ARTICLE	IF	CITATIONS
55	Assessment of Sensitivity and Specificity of Patient-Collected Lower Nasal Specimens for Severe Acute Respiratory Syndrome Coronavirus 2 Testing. <i>JAMA Network Open</i> , 2020, 3, e2012005.	2.8	54
56	Poor Immunogenicity, Not Vaccine Strain Egg Adaptation, May Explain the Low H3N2 Influenza Vaccine Effectiveness in 2012â€“2013. <i>Clinical Infectious Diseases</i> , 2018, 67, 327-333.	2.9	53
57	Real-Time PCR Testing for <i>mecA</i> Reduces Vancomycin Usage and Length of Hospitalization for Patients Infected with Methicillin-Sensitive Staphylococci. <i>Journal of Clinical Microbiology</i> , 2010, 48, 785-790.	1.8	51
58	Asthma phenotypes, associated comorbidities, and long-term symptoms in COVID-19. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 173-185.	2.7	49
59	Clinical evaluation of a single-reaction real-time RT-PCR for pan-dengue and chikungunya virus detection. <i>Journal of Clinical Virology</i> , 2016, 78, 57-61.	1.6	48
60	Post-Vaccination Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infections and Incidence of the Presumptive B.1.427/B.1.429 Variant Among Healthcare Personnel at a Northern California Academic Medical Center. <i>Clinical Infectious Diseases</i> , 2022, 74, 821-828.	2.9	47
61	Trends in the Molecular Epidemiology and Genetic Mechanisms of Transmitted Human Immunodeficiency Virus Type 1 Drug Resistance in a Large US Clinic Population. <i>Clinical Infectious Diseases</i> , 2019, 68, 213-221.	2.9	46
62	Comparison of the Panther Fusion and a laboratory-developed test targeting the envelope gene for detection of SARS-CoV-2. <i>Journal of Clinical Virology</i> , 2020, 127, 104383.	1.6	46
63	A predictive tool for identification of SARS-CoV-2 PCR-negative emergency department patients using routine test results. <i>Journal of Clinical Virology</i> , 2020, 129, 104502.	1.6	45
64	Analytical Performance Characteristics of the Cepheid GeneXpert Ebola Assay for the Detection of Ebola Virus. <i>PLoS ONE</i> , 2015, 10, e0142216.	1.1	45
65	Development of an Internally Controlled Real-Time Reverse Transcriptase PCR Assay for Pan-Dengue Virus Detection and Comparison of Four Molecular Dengue Virus Detection Assays. <i>Journal of Clinical Microbiology</i> , 2013, 51, 2172-2181.	1.8	44
66	Molecular diagnostics for human leptospirosis. <i>Current Opinion in Infectious Diseases</i> , 2016, 29, 440-445.	1.3	43
67	Delayed Diagnosis of Tuberculous Meningitis Misdiagnosed as Herpes Simplex Virus-1 Encephalitis With the FilmArray Syndromic Polymerase Chain Reaction Panel. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofw245.	0.4	43
68	SARS-CoV-2 Neutralization Resistance Mutations in Patient with HIV/AIDS, California, USA. <i>Emerging Infectious Diseases</i> , 2021, 27, 2720-2723.	2.0	43
69	Preferential Lower Respiratory Tract Infection in Swine-Origin 2009 A(H1N1) Influenza. <i>Clinical Infectious Diseases</i> , 2010, 50, 391-394.	2.9	41
70	Immunogenicity and tolerability of COVID-19 messenger RNA vaccines in primary immunodeficiency patients with functional B-cell defects. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 907-911.e3.	1.5	41
71	Yellow Fever Virus: Diagnostics for a Persistent Arboviral Threat. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	39
72	A SARS-CoV-2 Variant with L452R and E484Q Neutralization Resistance Mutations. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0074121.	1.8	38

#	ARTICLE	IF	CITATIONS
73	Comparison of a laboratory-developed test targeting the envelope gene with three nucleic acid amplification tests for detection of SARS-CoV-2. <i>Journal of Clinical Virology</i> , 2020, 129, 104427.	1.6	38
74	Cytomegalovirus load at treatment initiation is predictive of time to resolution of viremia and duration of therapy in hematopoietic cell transplant recipients. <i>Journal of Clinical Virology</i> , 2015, 69, 179-183.	1.6	37
75	Long-term Shedding of Influenza A Virus in Stool of Immunocompromised Child. <i>Emerging Infectious Diseases</i> , 2010, 16, 1165-1167.	2.0	36
76	Commutability of the Epstein-Barr Virus WHO International Standard across Two Quantitative PCR Methods. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3802-3804.	1.8	36
77	SARS-CoV-2 Nucleocapsid Plasma Antigen for Diagnosis and Monitoring of COVID-19. <i>Clinical Chemistry</i> , 2021, 68, 204-213.	1.5	36
78	Comparison of Xpert Flu rapid nucleic acid testing with rapid antigen testing for the diagnosis of influenza A and B. <i>Journal of Virological Methods</i> , 2012, 186, 137-140.	1.0	35
79	Zika and Chikungunya virus detection in naturally infected <i>Aedes aegypti</i> in Ecuador. <i>Acta Tropica</i> , 2018, 177, 74-80.	0.9	35
80	Hair Sheep Blood, Citrated or Defibrinated, Fulfills All Requirements of Blood Agar for Diagnostic Microbiology Laboratory Tests. <i>PLoS ONE</i> , 2009, 4, e6141.	1.1	35
81	Cost-Effective Respiratory Virus Testing. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	34
82	Sensitive Real-Time PCR Detection of Pathogenic <i>Leptospira</i> spp. and a Comparison of Nucleic Acid Amplification Methods for the Diagnosis of Leptospirosis. <i>PLoS ONE</i> , 2014, 9, e112356.	1.1	34
83	Investigation of Preanalytical Variables Impacting Pathogen Cell-Free DNA in Blood and Urine. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	33
84	Malaria and Chikungunya Detected Using Molecular Diagnostics Among Febrile Kenyan Children. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofx110.	0.4	32
85	Five-minute point-of-care testing for SARS-CoV-2: Not there yet. <i>Journal of Clinical Virology</i> , 2020, 128, 104410.	1.6	32
86	Strand-Specific Reverse Transcription PCR for Detection of Replicating SARS-CoV-2. <i>Emerging Infectious Diseases</i> , 2021, 27, 632-635.	2.0	32
87	Standardized preservation, extraction and quantification techniques for detection of fecal SARS-CoV-2 RNA. <i>Nature Communications</i> , 2021, 12, 5753.	5.8	32
88	Clinical Significance of Low Cytomegalovirus DNA Levels in Human Plasma. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2378-2383.	1.8	30
89	Stability of Zika virus in urine: Specimen processing considerations and implications for the detection of RNA targets in urine. <i>Journal of Virological Methods</i> , 2017, 248, 66-70.	1.0	30
90	A non-optical multiplexed PCR diagnostic platform for serotype-specific detection of dengue virus. <i>Sensors and Actuators B: Chemical</i> , 2020, 310, 127854.	4.0	30

#	ARTICLE	IF	CITATIONS
91	Antibody-Dependent Enhancement of Severe Disease Is Mediated by Serum Viral Load in Pediatric Dengue Virus Infections. <i>Journal of Infectious Diseases</i> , 2020, 221, 1846-1854.	1.9	29
92	Multiplex Nucleic Acid Amplification Test for Diagnosis of Dengue Fever, Malaria, and Leptospirosis. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2011-2018.	1.8	28
93	Molecular and Culture-Based Bronchoalveolar Lavage Fluid Testing for the Diagnosis of Cytomegalovirus Pneumonitis. <i>Open Forum Infectious Diseases</i> , 2015, 3, ofv212.	0.4	28
94	Prevalence of Drug-Resistant Minority Variants in Untreated HIV-1-Infected Individuals With and Those Without Transmitted Drug Resistance Detected by Sanger Sequencing. <i>Journal of Infectious Diseases</i> , 2017, 216, 387-391.	1.9	28
95	Unbiased Pathogen Detection and Host Gene Profiling for Conjunctivitis. <i>Ophthalmology</i> , 2019, 126, 1090-1094.	2.5	28
96	High Dengue Burden and Circulation of 4 Virus Serotypes among Children with Undifferentiated Fever, Kenya, 2014-2017. <i>Emerging Infectious Diseases</i> , 2020, 26, 2638-2650.	2.0	28
97	CMV antigenemia and quantitative viral load assessments in hematopoietic stem cell transplant recipients. <i>Journal of Clinical Virology</i> , 2013, 56, 108-112.	1.6	27
98	Utilization, Yield, and Accuracy of the FilmArray Meningitis/Encephalitis Panel with Diagnostic Stewardship and Testing Algorithm. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	26
99	Cost-Effectiveness of Nasopharyngeal Carcinoma Screening With Epstein-Barr Virus Polymerase Chain Reaction or Serology in High-Incidence Populations Worldwide. <i>Journal of the National Cancer Institute</i> , 2021, 113, 852-862.	3.0	26
100	Evidence of transovarial transmission of Chikungunya and Dengue viruses in field-caught mosquitoes in Kenya. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008362.	1.3	25
101	SARS-CoV-2 infection and COVID-19 severity in individuals with prior seasonal coronavirus infection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 100, 115338.	0.8	25
102	Risk prediction for severe disease and better diagnostic accuracy in early dengue infection; the Colombo dengue study. <i>BMC Infectious Diseases</i> , 2019, 19, 680.	1.3	24
103	Metagenomic Next-Generation Sequencing for Identification and Quantitation of Transplant-Related DNA Viruses. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	24
104	The Truth about SARS-CoV-2 Cycle Threshold Values Is Rarely Pure and Never Simple. <i>Clinical Chemistry</i> , 2021, 68, 16-18.	1.5	24
105	Current and future molecular diagnostics for ocular infectious diseases. <i>Current Opinion in Ophthalmology</i> , 2016, 27, 561-567.	1.3	23
106	Calibration of BK Virus Nucleic Acid Amplification Testing to the 1st WHO International Standard for BK Virus. <i>Journal of Clinical Microbiology</i> , 2017, 55, 923-930.	1.8	23
107	p16 Is Superior to ProEx C in Identifying High-grade Squamous Intraepithelial Lesions (HSIL) of the Anal Canal. <i>American Journal of Surgical Pathology</i> , 2013, 37, 659-668.	2.1	22
108	SARS-CoV-2 Brain Regional Detection, Histopathology, Gene Expression, and Immunomodulatory Changes in Decedents with COVID-19. <i>Journal of Neuropathology and Experimental Neurology</i> , 2022, 81, 666-695.	0.9	22

#	ARTICLE	IF	CITATIONS
109	SARS-CoV-2 RNAemia in a Healthy Blood Donor 40 Days After Respiratory Illness Resolution. <i>Annals of Internal Medicine</i> , 2020, 173, 853-854.	2.0	20
110	Reverse-Transcriptase PCR Detection of <i>Leptospira</i> : Absence of Agreement with Single-Specimen Microscopic Agglutination Testing. <i>PLoS ONE</i> , 2015, 10, e0132988.	1.1	20
111	Broad-spectrum CRISPR-mediated inhibition of SARS-CoV-2 variants and endemic coronaviruses in vitro. <i>Nature Communications</i> , 2022, 13, 2766.	5.8	20
112	Comparison of Real-Time PCR and Conventional Biochemical Methods for Identification of <i>Staphylococcus lugdunensis</i> . <i>Journal of Clinical Microbiology</i> , 2009, 47, 3472-3477.	1.8	19
113	Encephalitis Caused by Chikungunya Virus in a Traveler from the Kingdom of Tonga. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3459-3461.	1.8	19
114	Limited Variation in BK Virus T-Cell Epitopes Revealed by Next-Generation Sequencing. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3226-3233.	1.8	19
115	High incidence of Zika virus infection detected in plasma and cervical cytology specimens from pregnant women in Guayaquil, Ecuador. <i>American Journal of Reproductive Immunology</i> , 2017, 77, e12630.	1.2	19
116	Real-time RT-PCR for Mayaro virus detection in plasma and urine. <i>Journal of Clinical Virology</i> , 2018, 98, 1-4.	1.6	19
117	Diagnosis of Congenital CMV Using PCR Performed on Formalin-fixed, Paraffin-embedded Placental Tissue. <i>American Journal of Surgical Pathology</i> , 2013, 37, 1413-1420.	2.1	18
118	Profiling SARS-CoV-2 mutation fingerprints that range from the viral pangenome to individual infection quasispecies. <i>Genome Medicine</i> , 2021, 13, 62.	3.6	18
119	An 8-gene machine learning model improves clinical prediction of severe dengue progression. <i>Genome Medicine</i> , 2022, 14, 33.	3.6	18
120	Anti-nucleocapsid antibody levels and pulmonary comorbid conditions are linked to post-COVID-19 syndrome. <i>JCI Insight</i> , 2022, 7, .	2.3	18
121	Prospective Evaluation of the Vela Diagnostics Next-Generation Sequencing Platform for HIV-1 Genotypic Resistance Testing. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 961-970.	1.2	17
122	Numb-associated kinases are required for SARS-CoV-2 infection and are cellular targets for antiviral strategies. <i>Antiviral Research</i> , 2022, 204, 105367.	1.9	17
123	Evaluation of the Aptima HIV-1 Quant Dx Assay Using Plasma and Dried Blood Spots. <i>Journal of Clinical Microbiology</i> , 2016, 54, 2597-2601.	1.8	16
124	hrHPV prevalence and type distribution in rural Zimbabwe: A community-based self-collection study using near-point-of-care GeneXpert HPV testing. <i>International Journal of Infectious Diseases</i> , 2019, 82, 21-29.	1.5	16
125	Nasopharyngeal metabolomics and machine learning approach for the diagnosis of influenza. <i>EBioMedicine</i> , 2021, 71, 103546.	2.7	16
126	Severe Hepatitis Associated with an Echovirus 18 Infection in an Immune-Compromised Adult. <i>Journal of Clinical Microbiology</i> , 2013, 51, 684-687.	1.8	15

#	ARTICLE	IF	CITATIONS
127	The Human Virome: Implications for Clinical Practice in Transplantation Medicine. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2884-2893.	1.8	15
128	Characterization of Dengue Virus Infections Among Febrile Children Clinically Diagnosed With a Non-Dengue Illness, Managua, Nicaragua. <i>Journal of Infectious Diseases</i> , 2017, 215, 1816-1823.	1.9	15
129	High human herpesvirus 6 viral load in pediatric allogeneic hematopoietic stem cell transplant patients is associated with detection in end organs and high mortality. <i>Pediatric Transplantation</i> , 2018, 22, e13084.	0.5	15
130	Severe acute respiratory coronavirus virus 2 (SARS-CoV-2) seroprevalence in healthcare personnel in northern California early in the coronavirus disease 2019 (COVID-19) pandemic. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 1053-1059.	1.0	15
131	Evaluation of a Rapid and Accessible Reverse Transcription-Quantitative PCR Approach for SARS-CoV-2 Variant of Concern Identification. <i>Journal of Clinical Microbiology</i> , 2022, 60, e0017822.	1.8	15
132	Bartholin's abscess caused by hypermucoviscous <i>Klebsiella pneumoniae</i> . <i>Journal of Medical Microbiology</i> , 2009, 58, 671-673.	0.7	14
133	Ultrasensitive Detection of Drug-Resistant Pandemic 2009 (H1N1) Influenza A Virus by Rare-Variant-Sensitive High-Resolution Melting-Curve Analysis. <i>Journal of Clinical Microbiology</i> , 2011, 49, 2602-2609.	1.8	14
134	Detection of Emerging Vaccine-Related Polioviruses by Deep Sequencing. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2162-2171.	1.8	14
135	Community-based self-collected human papillomavirus screening in rural Zimbabwe. <i>BMC Public Health</i> , 2019, 19, 603.	1.2	14
136	Comparison of a Point-of-Care Assay and a High-Complexity Assay for Detection of SARS-CoV-2 RNA. <i>Journal of Applied Laboratory Medicine</i> , 2020, 5, 1307-1312.	0.6	14
137	Measure what matters: Counts of hospitalized patients are a better metric for health system capacity planning for a reopening. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1026-1131.	2.2	14
138	Comprehensive pathogen detection for ocular infections. <i>Journal of Clinical Virology</i> , 2021, 136, 104759.	1.6	14
139	Ultra-sensitive Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antigen Detection for the Diagnosis of Coronavirus Disease 2019 (COVID-19) in Upper Respiratory Samples. <i>Clinical Infectious Diseases</i> , 2021, 73, 2326-2328.	2.9	14
140	Long-Term Accuracy of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Interferon- β Release Assay and Its Application in Household Investigation. <i>Clinical Infectious Diseases</i> , 2022, 75, e314-e321.	2.9	14
141	SARS-CoV-2 RNA and N Antigen Quantification via Wastewater at the Campus Level, Building Cluster Level, and Individual-Building Level. <i>ACS ES&T Water</i> , 2022, 2, 2025-2033.	2.3	14
142	Molecular profiling of clear cell adenocarcinoma of the urinary tract. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019, 475, 727-734.	1.4	13
143	Association of Premature Immune Aging and Cytomegalovirus After Solid Organ Transplant. <i>Frontiers in Immunology</i> , 2021, 12, 661551.	2.2	13
144	Internally Controlled, Multiplex Real-Time Reverse Transcription PCR for Dengue Virus and Yellow Fever Virus Detection. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 1833-1836.	0.6	13

#	ARTICLE	IF	CITATIONS
145	Accuracy of Rapid Antigen vs Reverse Transcriptase-Polymerase Chain Reaction Testing for SARS-CoV-2 Infection in College Athletes During Prevalence of the Omicron Variant. <i>JAMA Network Open</i> , 2022, 5, e2217234.	2.8	13
146	Impact of Pretransplant Donor BK Viruria in Kidney Transplant Recipients. <i>Journal of Infectious Diseases</i> , 2019, 220, 370-376.	1.9	12
147	Dual-target, real-time PCR for the diagnosis of intraocular <i>Toxoplasma gondii</i> infections. <i>British Journal of Ophthalmology</i> , 2019, 103, 569-572.	2.1	12
148	Is Merkel Cell Carcinoma of Lymph Node Actually Metastatic Cutaneous Merkel Cell Carcinoma?. <i>American Journal of Clinical Pathology</i> , 2020, 154, 369-380.	0.4	12
149	Characterization of dengue cases among patients with an acute illness, Central Department, Paraguay. <i>PeerJ</i> , 2019, 7, e7852.	0.9	12
150	Cellular and humoral immune response to SARS-CoV-2 vaccination and booster dose in immunosuppressed patients: An observational cohort study. <i>Journal of Clinical Virology</i> , 2022, 153, 105217.	1.6	12
151	Laboratory-Developed L1 Sequencing and Type-Specific, Real-Time Polymerase Chain Reaction for the Detection and Typing of Human Papillomaviruses in Formalin-Fixed, Paraffin-Embedded Tissues. <i>Archives of Pathology and Laboratory Medicine</i> , 2013, 137, 50-54.	1.2	11
152	Molecular Detection of <i>Leptospira</i> in Two Returned Travelers: Higher Bacterial Load in Cerebrospinal Fluid Versus Serum or Plasma. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 238-240.	0.6	11
153	Fatal West Nile Virus Encephalitis in a Heart Transplant Recipient. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2749-2752.	1.8	11
154	Pericardial Effusion Following Hematopoietic Cell Transplantation in Children and Young Adults Is Associated with Increased Risk of Mortality. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 1165-1169.	2.0	11
155	Performance of Nucleic Acid Amplification Tests for Detection of Severe Acute Respiratory Syndrome Coronavirus 2 in Prospectively Pooled Specimens. <i>Emerging Infectious Diseases</i> , 2021, 27, 92-103.	2.0	11
156	The Effect of Povidone-Iodine Nasal Spray on Nasopharyngeal SARS-CoV-2 Viral Load: A Randomized Control Trial. <i>Laryngoscope</i> , 2022, 132, 2089-2095.	1.1	11
157	Top-SUMO Wrestles Centromeric Cohesion. <i>Developmental Cell</i> , 2002, 3, 4-6.	3.1	10
158	How great is the threat of chikungunya virus?. <i>Expert Review of Anti-Infective Therapy</i> , 2015, 13, 291-293.	2.0	10
159	Retrospective Screening for SARS-CoV-2 RNA in California, USA, Late 2019. <i>Emerging Infectious Diseases</i> , 2020, 26, 2487-2488.	2.0	10
160	Mechanisms of Fano-resonant biosensing: Mechanical loading of plasmonic oscillators. <i>Optics Communications</i> , 2020, 469, 125780.	1.0	10
161	Comparison of automated nucleic acid extraction methods for the detection of cytomegalovirus DNA in fluids and tissues. <i>PeerJ</i> , 2014, 2, e334.	0.9	10
162	Development and evaluation of an RT-qPCR for the identification of the SARS-CoV-2 Omicron variant. <i>Journal of Clinical Virology</i> , 2022, 148, 105101.	1.6	10

#	ARTICLE	IF	CITATIONS
163	Immunogenicity of a third COVID-19 messenger RNA vaccine dose in primary immunodeficiency disorder patients with functional B-cell defects. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2022, , .	2.0	10
164	A Synonymous Change in the Influenza A Virus Neuraminidase Gene Interferes with PCR-Based Subtyping and Oseltamivir Resistance Mutation Detection. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3101-3102.	1.8	9
165	Clinical characteristics and outcomes of pediatric patients with CMV DNA detection in bronchoalveolar lavage fluid. <i>Pediatric Pulmonology</i> , 2017, 52, 112-118.	1.0	9
166	Real-time RT-PCR for the detection and quantitation of Oropouche virus. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 96, 114894.	0.8	9
167	Knowledge, attitudes, and practices of cervical Cancer screening among HIV-positive and HIV-negative women participating in human papillomavirus screening in rural Zimbabwe. <i>BMC Women's Health</i> , 2020, 20, 153.	0.8	9
168	Navigating the Covid-19 Pandemic by Caring for Our Health Care Workforce as They Care for Our Patients. <i>NEJM Catalyst</i> , 2021, 2, .	0.4	9
169	Case-Control Study of Individuals with Discrepant Nucleocapsid and Spike Protein SARS-CoV-2 IgG Results. <i>Clinical Chemistry</i> , 2021, 67, 977-986.	1.5	9
170	Evaluation of SARS-CoV-2 total antibody detection via a lateral flow nanoparticle fluorescence immunoassay. <i>Journal of Clinical Virology</i> , 2021, 139, 104818.	1.6	9
171	A comprehensive analysis of RHOA mutation positive and negative angioimmunoblastic T-cell lymphomas by targeted deep sequencing, expression profiling and single cell digital image analysis. <i>International Journal of Molecular Medicine</i> , 2020, 46, 1466-1476.	1.8	9
172	SARS-CoV-2 Neutralizing Monoclonal Antibodies for the Treatment of COVID-19 in Kidney Transplant Recipients. <i>Kidney360</i> , 2022, 3, 10.34067/KID.0005732021.	0.9	9
173	BK Polyomavirus Subtype III in a Pediatric Renal Transplant Patient with Nephropathy. <i>Journal of Clinical Microbiology</i> , 2013, 51, 4255-4258.	1.8	8
174	Multiplex Solid-Phase Melt Curve Analysis for the Point-of-Care Detection of HIV-1 Drug Resistance. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 580-592.	1.2	8
175	Native kidney cytomegalovirus nephritis and cytomegalovirus prostatitis in a kidney transplant recipient. <i>Transplant Infectious Disease</i> , 2019, 21, e12998.	0.7	8
176	Virological Failure and Acquired Genotypic Resistance Associated With Contemporary Antiretroviral Treatment Regimens. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa316.	0.4	8
177	Large-Scale Testing of Asymptomatic Healthcare Personnel for Severe Acute Respiratory Syndrome Coronavirus 2. <i>Emerging Infectious Diseases</i> , 2021, 27, 250-254.	2.0	8
178	Case-control study evaluating risk factors for SARS-CoV-2 outbreak amongst healthcare personnel at a tertiary care center. <i>American Journal of Infection Control</i> , 2021, 49, 1457-1463.	1.1	8
179	Q148N, a Novel Integrase Inhibitor Resistance Mutation Associated with Low-Level Reduction in Elvitegravir Susceptibility. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 702-704.	0.5	7
180	Comparison of Transcription-Mediated Amplification and Real-Time PCR Assays for Hepatitis B Virus DNA Quantitation in Serum. <i>journal of applied laboratory medicine, The</i> , 2019, 4, 383-390.	0.6	7

#	ARTICLE	IF	CITATIONS
181	Evaluating for Human Herpesvirus 6 in the Liver Explants of Children With Liver Failure of Unknown Etiology. <i>Journal of Infectious Diseases</i> , 2019, 220, 361-369.	1.9	7
182	Comprehensive investigation of sources of misclassification errors in routine HIV testing in Zimbabwe. <i>Journal of the International AIDS Society</i> , 2021, 24, e25700.	1.2	7
183	SARS-CoV-2 IgG Seropositivity and Acute Asymptomatic Infection Rate among Firefighter First Responders in an Early Outbreak County in California. <i>Prehospital Emergency Care</i> , 2021, , 1-10.	1.0	7
184	Mutations in JAK/STAT and NOTCH1 Genes Are Enriched in Post-Transplant Lymphoproliferative Disorders. <i>Frontiers in Oncology</i> , 2021, 11, 790481.	1.3	7
185	Whole-Genome Analysis of Cervical Human Papillomavirus Type 35 from rural Zimbabwean Women. <i>Scientific Reports</i> , 2020, 10, 7001.	1.6	6
186	Development of a Real-Time Reverse Transcription Polymerase Chain Reaction for Oâ€™nyong-nyong Virus and Evaluation with Clinical and Mosquito Specimens from Kenya. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 121-124.	0.6	6
187	Evaluation of the Aptima HCV Quant Dx Assay Using Serum and Dried Blood Spots. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	5
188	Carving Out a Niche for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Plasma RNA Testing. <i>Clinical Infectious Diseases</i> , 2020, 73, e803-e804.	2.9	5
189	Implementation of a Multiplex rRT-PCR for Zika, Chikungunya, and Dengue Viruses: Improving Arboviral Detection in an Endemic Region. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 625-628.	0.6	5
190	Feasibility of Specimen Self-collection in Young Children Undergoing SARS-CoV-2 Surveillance for In-Person Learning. <i>JAMA Network Open</i> , 2022, 5, e2148988.	2.8	5
191	Harmonization of SARS-CoV-2 Reverse Transcription Quantitative PCR Tests to the First WHO International Standard for SARS-CoV-2 RNA. <i>Journal of Clinical Virology</i> , 2022, , 105242.	1.6	5
192	Transplant Virus Detection Using Multiplex Targeted Sequencing. <i>journal of applied laboratory medicine, The</i> , 2018, 2, 757-769.	0.6	4
193	Deep sequencing prompts the modification of a real-time RT-PCR for the serotype-specific detection of polioviruses. <i>Journal of Virological Methods</i> , 2019, 264, 38-43.	1.0	4
194	Cutaneous cytomegalovirus â€“ A case of disseminated cytomegalovirus presenting with extensive ulcerative skin lesions in a renal transplant recipient. <i>Transplant Infectious Disease</i> , 2021, 23, e13582.	0.7	4
195	Vaccine-Associated Measles Encephalitis in Immunocompromised Child, California, USA. <i>Emerging Infectious Diseases</i> , 2022, 28, 906-908.	2.0	4
196	The Persistence of Influenza Infection. <i>Emerging Infectious Diseases</i> , 2010, 16, 1817-1819.	2.0	3
197	Reply to â€œInconclusive Reverse Transcription-PCR Assay Comparison for Dengue Virus Detection and Serotypingâ€. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1801-1802.	1.8	3
198	Human Papilloma Virus is not Prevalent in Nevus Sebaceus. <i>Pediatric Dermatology</i> , 2014, 31, 326-330.	0.5	3

#	ARTICLE	IF	CITATIONS
199	FOXP3-positive T-cell lymphomas in non-HTLV1 carriers include ALK-negative anaplastic large cell lymphoma: expanding the spectrum of T-cell lymphomas with regulatory phenotype. <i>Human Pathology</i> , 2018, 80, 138-144.	1.1	3
200	No Evidence of Oâ€™nyong-nyong Viremia among Children with Febrile Illness in Kenya (2015â€™2018). <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 1435-1437.	0.6	3
201	Comparison of Anti-Dengue and Anti-Zika IgG on a Plasmonic Gold Platform with Neutralization Testing. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 1729-1733.	0.6	3
202	Use of Outpatient-Derived COVID-19 Convalescent Plasma in COVID-19 Patients Before Seroconversion. <i>Frontiers in Immunology</i> , 2021, 12, 739037.	2.2	3
203	Molecular diagnosis of Zika virus infections. <i>Reviews in Medical Microbiology</i> , 2018, 29, 8-16.	0.4	3
204	Performance evaluation and optimized reporting workflow for HIV diagnostic screening and confirmatory tests in a low prevalence setting. <i>Journal of Clinical Virology</i> , 2021, 145, 105020.	1.6	3
205	Detailed characterization of hospitalized patients infected with the Omicron variant of SARSâ€™CoVâ€™2. <i>Journal of Internal Medicine</i> , 2022, 292, 385-387.	2.7	3
206	Evaluation of Serial Urine Viral Cultures for the Diagnosis of Cytomegalovirus Infection in Neonates and Infants. <i>Pediatric and Developmental Pathology</i> , 2014, 17, 176-180.	0.5	2
207	Molecular Testing for Plasmodium falciparum by Use of Serum or Plasma and Comparison with Microscopy and Rapid Diagnostic Testing in Febrile Nigerian Patients. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3596-3600.	1.8	2
208	Reply to Muller and Chaudhury. <i>Clinical Infectious Diseases</i> , 2020, 71, 2775-2776.	2.9	2
209	Novel utilization of <scp>strandâ€™specific</scp> reverse transcription polymerase chain reaction in perioperative clinical decision making for <scp>SARSâ€™CoV</scp> â€™2 polymerase chain reaction positive patients. <i>Paediatric Anaesthesia</i> , 2022, , .	0.6	2
210	Characterizing the Severity of SARS-CoV-2 Variants at a Single Pediatric Center. <i>Frontiers in Medicine</i> , 2022, 9, .	1.2	2
211	Profound plasmacytosis in a patient with dengue. <i>International Journal of Hematology</i> , 2013, 98, 518-519.	0.7	1
212	Improved serotype-specific dengue virus detection in Trinidad and Tobago using a multiplex, real-time RT-PCR. <i>Diagnostic Microbiology and Infectious Disease</i> , 2015, 81, 105-106.	0.8	1
213	Quantitative Molecular Methods. , 2016, , 145-166.		1
214	Arboviruses. , 0, , 493-514.		1
215	Microbiologic Diagnosis of Lung Infection. , 2016, , 278-298.e7.		1
216	The Brief Case: Confirmed Positive HIV-1 Serologic Screening but Undetectable RNA Virus Load in a Pregnant Woman. <i>Journal of Clinical Microbiology</i> , 2017, 55, 3316-3320.	1.8	1

#	ARTICLE	IF	CITATIONS
217	A Case Report of Pediatric Clear Cell Carcinoma of the Urinary Bladder Associated With Polyomavirus. <i>AJSP Review and Reports</i> , 2018, , 1.	0.0	1
218	Persistence of Human Immunodeficiency Virus-1 Drug Resistance Mutations in Proviral Deoxyribonucleic Acid After Virologic Failure of Efavirenz-Containing Antiretroviral Regimens. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz034.	0.4	1
219	Evaluation of a measles virus multiplex, triple-target real-time RT-PCR in three specimen matrices at a U.S. academic medical center. <i>Journal of Clinical Virology</i> , 2021, 136, 104757.	1.6	1
220	Combined SARS-CoV-2 nucleic acid amplification testing and respiratory virus panel RT-PCR on the Hologic Panther Fusion system. <i>Journal of Clinical Virology</i> , 2021, 138, 104792.	1.6	1
221	Nucleic Acid Extraction in Diagnostic Virology. , 0, , 117-128.		0
222	Epstein-Barr Virus. , 0, , 387-398.		0
223	Closing the Brief Case: Confirmed Positive HIV-1 Serological Screening but Undetectable RNA Virus Load in a Pregnant Woman. <i>Journal of Clinical Microbiology</i> , 2017, 55, 3566-3567.	1.8	0
224	Multiplex Detection of DNA Viruses in Transplant Recipients. <i>Open Forum Infectious Diseases</i> , 2017, 4, S724-S724.	0.4	0
225	2565. A Novel Prognostic Gene Set for the Prediction of Severe Dengue. <i>Open Forum Infectious Diseases</i> , 2018, 5, S72-S72.	0.4	0
226	Human papillomavirus cytopathic effect in the urine of a 76-year-old man. <i>Diagnostic Cytopathology</i> , 2020, 48, 489-490.	0.5	0
227	Plasma as an alternative COVID-19 diagnostic specimen in a hospitalized patient negative for SARS-CoV-2 by nasopharyngeal swab. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 100, 115365.	0.8	0
228	Diagnosis of Dengue in a returning traveler from Pakistan suspected of COVID-19, California, USA. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 101, 115517.	0.8	0
229	Influenza A (H1N1). , 2011, , 293-298.		0
230	Genomic Applications in the Clinical Management of Infectious Diseases. , 2019, , 583-594.		0
231	Deep Sequencing of Viral Cell-Free DNA for Noninvasive Detection of Immunosuppression-Related Lymphoid Malignancies. <i>Blood</i> , 2019, 134, 885-885.	0.6	0
232	Interepidemic Respiratory Syncytial Virus during the COVID-19 Pandemic. <i>Microbiology Spectrum</i> , 2022, , e0094722.	1.2	0
233	A spurious positive result on the Abbott Architect 4th generation HIV Ag/Ab combo assay in a low-risk patient. <i>Clinica Chimica Acta</i> , 2022, 531, 386-388.	0.5	0