

Meei-Li Huang

List of Publications by Year in descending order

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107
papers

6,455
citations

101543
36
h-index

79698
73
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119
all docs

119
docs citations

119
times ranked

11549
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutralizing Antibodies Correlate with Protection from SARS-CoV-2 in Humans during a Fishery Vessel Outbreak with a High Attack Rate. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	494
2	A Population-Based Study of Primary Human Herpesvirus 6 Infection. <i>New England Journal of Medicine</i> , 2005, 352, 768-776.	27.0	417
3	Comparative Performance of SARS-CoV-2 Detection Assays Using Seven Different Primer-Probe Sets and One Assay Kit. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	401
4	Coast-to-Coast Spread of SARS-CoV-2 during the Early Epidemic in the United States. <i>Cell</i> , 2020, 181, 990-996.e5.	28.9	321
5	Clinical Outcomes of Human Herpesvirus 6 Reactivation after Hematopoietic Stem Cell Transplantation. <i>Clinical Infectious Diseases</i> , 2005, 40, 932-940.	5.8	313
6	Comparison of Real-Time PCR Assays with Fluorescent-Antibody Assays for Diagnosis of Respiratory Virus Infections in Children. <i>Journal of Clinical Microbiology</i> , 2006, 44, 2382-2388.	3.9	273
7	In vivo antiviral host transcriptional response to SARS-CoV-2 by viral load, sex, and age. <i>PLoS Biology</i> , 2020, 18, e3000849.	5.6	225
8	Cryptic transmission of SARS-CoV-2 in Washington state. <i>Science</i> , 2020, 370, 571-575.	12.6	217
9	Comparison of Commercially Available and Laboratory-Developed Assays for <i>In Vitro</i> Detection of SARS-CoV-2 in Clinical Laboratories. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	215
10	Polyomavirus-Negative Merkel Cell Carcinoma: A More Aggressive Subtype Based on Analysis of 282 Cases Using Multimodal Tumor Virus Detection. <i>Journal of Investigative Dermatology</i> , 2017, 137, 819-827.	0.7	203
11	High-Throughput Quantitative Analysis of Hepatitis B Virus DNA in Serum Using the TaqMan Fluorogenic Detection System. <i>Hepatology</i> , 2000, 32, 626-629.	7.3	155
12	Idiopathic pneumonia syndrome after hematopoietic cell transplantation: evidence of occult infectious etiologies. <i>Blood</i> , 2015, 125, 3789-3797.	1.4	137
13	The cumulative burden of double-stranded DNA virus detection after allogeneic HCT is associated with increased mortality. <i>Blood</i> , 2017, 129, 2316-2325.	1.4	126
14	HHV-6 Reactivation and Associated Sequelae after Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2012, 18, 1700-1708.	2.0	121
15	Direct RT-qPCR detection of SARS-CoV-2 RNA from patient nasopharyngeal swabs without an RNA extraction step. <i>PLoS Biology</i> , 2020, 18, e3000896.	5.6	119
16	Identification of Chromosomally Integrated Human Herpesvirus 6 by Droplet Digital PCR. <i>Clinical Chemistry</i> , 2014, 60, 765-772.	3.2	114
17	Clinical Features and Outcomes of 105 Hospitalized Patients With COVID-19 in Seattle, Washington. <i>Clinical Infectious Diseases</i> , 2020, 71, 2167-2173.	5.8	95
18	SARS-CoV-2 ORF6 Disrupts Bidirectional Nucleocytoplasmic Transport through Interactions with Rae1 and Nup98. <i>MBio</i> , 2021, 12, .	4.1	92

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19	Worldwide circulation of HSV-2—HSV-1 recombinant strains. <i>Scientific Reports</i> , 2017, 7, 44084.	3.3	81
20	Identification of multiple large deletions in ORF7a resulting in in-frame gene fusions in clinical SARS-CoV-2 isolates. <i>Journal of Clinical Virology</i> , 2020, 129, 104523.	3.1	71
21	Analytical Sensitivity of the Abbott BinaxNOW COVID-19 Ag Card. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	3.9	69
22	Sensitive Method for Detection of Human Herpesviruses 6 and 7 in Saliva Collected in Field Studies. <i>Journal of Clinical Microbiology</i> , 2000, 38, 1981-1983.	3.9	68
23	Validation of SARS-CoV-2 detection across multiple specimen types. <i>Journal of Clinical Virology</i> , 2020, 128, 104438.	3.1	66
24	Outcomes of hematopoietic cell transplantation using donors or recipients with inherited chromosomally integrated HHV-6. <i>Blood</i> , 2017, 130, 1062-1069.	1.4	65
25	Metagenomic Analysis Reveals Clinical SARS-CoV-2 Infection and Bacterial or Viral Superinfection and Colonization. <i>Clinical Chemistry</i> , 2020, 66, 966-972.	3.2	63
26	CRISPR-Cas9 gene editing of hepatitis B virus in chronically infected humanized mice. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 20, 258-275.	4.1	62
27	Clinical evaluation of the BioFire® Respiratory Panel 2.1 and detection of SARS-CoV-2. <i>Journal of Clinical Virology</i> , 2020, 129, 104538.	3.1	60
28	Validation and verification of the Abbott RealTime SARS-CoV-2 assay analytical and clinical performance. <i>Journal of Clinical Virology</i> , 2020, 129, 104474.	3.1	58
29	Viral genomes reveal patterns of the SARS-CoV-2 outbreak in Washington State. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	58
30	Trajectory of Viral RNA Load Among Persons With Incident SARS-CoV-2 G614 Infection (Wuhan Strain) in Association With COVID-19 Symptom Onset and Severity. <i>JAMA Network Open</i> , 2022, 5, e2142796.	5.9	57
31	Kinetics of Double-Stranded DNA Viremia After Allogeneic Hematopoietic Cell Transplantation. <i>Clinical Infectious Diseases</i> , 2018, 66, 368-375.	5.8	56
32	Hydroxychloroquine with or without azithromycin for treatment of early SARS-CoV-2 infection among high-risk outpatient adults: A randomized clinical trial. <i>EClinicalMedicine</i> , 2021, 33, 100773.	7.1	55
33	Pooling of SARS-CoV-2 samples to increase molecular testing throughput. <i>Journal of Clinical Virology</i> , 2020, 131, 104570.	3.1	51
34	Ultrasensitive Capture of Human Herpes Simplex Virus Genomes Directly from Clinical Samples Reveals Extraordinarily Limited Evolution in Cell Culture. <i>MSphere</i> , 2018, 3, .	2.9	49
35	Anti-SARS-CoV-2 Antibody Levels Measured by the AdviseDx SARS-CoV-2 Assay Are Concordant with Previously Available Serologic Assays but Are Not Fully Predictive of Sterilizing Immunity. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0098921.	3.9	48
36	Gene editing and elimination of latent herpes simplex virus in vivo. <i>Nature Communications</i> , 2020, 11, 4148.	12.8	46

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37	In vitro Inactivation of Latent HSV by Targeted Mutagenesis Using an HSV-specific Homing Endonuclease. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e146.	5.1	45
38	Comparative genomic, transcriptomic, and proteomic reannotation of human herpesvirus 6. <i>BMC Genomics</i> , 2018, 19, 204.	2.8	45
39	A highly multiplexed droplet digital PCR assay to measure the intact HIV-1 proviral reservoir. <i>Cell Reports Medicine</i> , 2021, 2, 100243.	6.5	44
40	Detection of Human Herpesvirus 6B (HHV-6B) Reactivation in Hematopoietic Cell Transplant Recipients with Inherited Chromosomally Integrated HHV-6A by Droplet Digital PCR. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1223-1227.	3.9	39
41	Variants of Concern Are Overrepresented Among Postvaccination Breakthrough Infections of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in Washington State. <i>Clinical Infectious Diseases</i> , 2022, 74, 1089-1092.	5.8	38
42	Predicting infectivity: comparing four PCR-based assays to detect culturable SARS-CoV-2 in clinical samples. <i>EMBO Molecular Medicine</i> , 2022, 14, e15290.	6.9	38
43	Robust expansion of HIV CAR T cells following antigen boosting in ART-suppressed nonhuman primates. <i>Blood</i> , 2020, 136, 1722-1734.	1.4	37
44	Stability of SARS-CoV-2 in Phosphate-Buffered Saline for Molecular Detection. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	36
45	Vaxfectin-adjuvanted plasmid DNA vaccine improves protection and immunogenicity in a murine model of genital herpes infection. <i>Journal of General Virology</i> , 2012, 93, 1305-1315.	2.9	35
46	Urethral Microbiota in Men: Association of <i>Haemophilus influenzae</i> and <i>Mycoplasma penetrans</i> With Nongonococcal Urethritis. <i>Clinical Infectious Diseases</i> , 2021, 73, e1684-e1693.	5.8	35
47	Multiplexing primer/probe sets for detection of SARS-CoV-2 by qRT-PCR. <i>Journal of Clinical Virology</i> , 2020, 129, 104499.	3.1	35
48	Measuring infectious SARS-CoV-2 in clinical samples reveals a higher viral titer:RNA ratio for Delta and Epsilon vs. Alpha variants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	35
49	In vivo disruption of latent HSV by designer endonuclease therapy. <i>JCI Insight</i> , 2016, 1, .	5.0	33
50	Evolutionary History of Endogenous Human Herpesvirus 6 Reflects Human Migration out of Africa. <i>Molecular Biology and Evolution</i> , 2021, 38, 96-107.	8.9	31
51	Specific allelic discrimination of N501Y and other SARS-CoV-2 mutations by ddPCR detects B.1.1.7 lineage in Washington State. <i>Journal of Medical Virology</i> , 2021, 93, 5931-5941.	5.0	31
52	Development of multiplexed real-time quantitative polymerase chain reaction assay for detecting human adenoviruses. <i>Diagnostic Microbiology and Infectious Disease</i> , 2008, 62, 263-271.	1.8	30
53	<i>Treponema pallidum</i> genome sequencing from six continents reveals variability in vaccine candidate genes and dominance of Nichols clade strains in Madagascar. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0010063.	3.0	30
54	Inherited Chromosomally Integrated Human Herpesvirus 6 Demonstrates Tissue-Specific RNA Expression <i>In Vivo</i> That Correlates with an Increased Antibody Immune Response. <i>Journal of Virology</i> , 2019, 94, .	3.4	27

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55	Reduced human herpesvirus-8 oropharyngeal shedding associated with protease inhibitor-based antiretroviral therapy. <i>Journal of Clinical Virology</i> , 2014, 60, 127-132.	3.1	24
56	Comparison of the Simplexa HSV1 & 2 Direct kit and laboratory-developed real-time PCR assays for herpes simplex virus detection. <i>Journal of Clinical Virology</i> , 2015, 62, 103-105.	3.1	23
57	A Dual-Modality Herpes Simplex Virus 2 Vaccine for Preventing Genital Herpes by Using Glycoprotein C and D Subunit Antigens To Induce Potent Antibody Responses and Adenovirus Vectors Containing Capsid and Tegument Proteins as T Cell Immunogens. <i>Journal of Virology</i> , 2015, 89, 8497-8509.	3.4	22
58	Prevalence of Chromosomally Integrated Human Herpesvirus 6 in Patients with Human Herpesvirus 6–Central Nervous System Dysfunction. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 371-373.	2.0	22
59	Copy Number Heterogeneity, Large Origin Tandem Repeats, and Interspecies Recombination in Human Herpesvirus 6A (HHV-6A) and HHV-6B Reference Strains. <i>Journal of Virology</i> , 2018, 92, .	3.4	21
60	Prospective, Real-time Metagenomic Sequencing During Norovirus Outbreak Reveals Discrete Transmission Clusters. <i>Clinical Infectious Diseases</i> , 2019, 69, 941-948.	5.8	21
61	Multiplex CRISPR/Cas9 genome editing in hematopoietic stem cells for fetal hemoglobin reinduction generates chromosomal translocations. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 23, 507-523.	4.1	21
62	Efficient identification of inherited chromosomally integrated human herpesvirus 6 using specimen pooling. <i>Journal of Clinical Virology</i> , 2016, 77, 71-76.	3.1	20
63	Estimation of Full-Length TprK Diversity in <i>Treponema pallidum</i> subsp. <i>pallidum</i> . <i>MBio</i> , 2020, 11, .	4.1	19
64	Diagnostic and Prognostic Plasma Biomarkers for Idiopathic Pneumonia Syndrome after Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 678-686.	2.0	18
65	Evidence for persistence of the SHIV reservoir early after MHC haploidentical hematopoietic stem cell transplantation. <i>Nature Communications</i> , 2018, 9, 4438.	12.8	18
66	Comparative genomics and full-length Tprk profiling of <i>Treponema pallidum</i> subsp. <i>pallidum</i> reinfection. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007921.	3.0	18
67	Frequent Genital HSV-2 Shedding among Women during Labor in Soweto, South Africa. <i>Infectious Diseases in Obstetrics and Gynecology</i> , 2014, 2014, 1-8.	1.5	17
68	Highly conserved intragenic HSV-2 sequences: Results from next-generation sequencing of HSV-2 UL and US regions from genital swabs collected from 3 continents. <i>Virology</i> , 2017, 510, 90-98.	2.4	17
69	RNA Sequencing of the <i>In Vivo</i> Human Herpesvirus 6B Transcriptome To Identify Targets for Clinical Assays Distinguishing between Latent and Active Infections. <i>Journal of Virology</i> , 2019, 93, .	3.4	16
70	Performance characteristics of the Abbott Alinity m SARS-CoV-2 assay. <i>Journal of Clinical Virology</i> , 2021, 140, 104869.	3.1	16
71	Tissue-Resident-Memory CD8+ T Cells Bridge Innate Immune Responses in Neighboring Epithelial Cells to Control Human Genital Herpes. <i>Frontiers in Immunology</i> , 2021, 12, 735643.	4.8	15
72	Oral and Vaginal Tenofovir for Genital Herpes Simplex Virus Type 2 Shedding in Immunocompetent Women: A Double-Blind, Randomized, Cross-over Trial. <i>Journal of Infectious Diseases</i> , 2015, 212, 1949-1956.	4.0	13

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73	Viral Genetics Modulate Orolabial Herpes Simplex Virus Type 1 Shedding in Humans. Journal of Infectious Diseases, 2019, 219, 1058-1066.	4.0	13
74	Cytomegalovirus shedding from breastmilk and mucosal sites in healthy postpartum women: A pilot study. Journal of Medical Virology, 2019, 91, 894-898.	5.0	11
75	Acute Infection and Subsequent Subclinical Reactivation of Herpes Simplex Virus 2 after Vaginal Inoculation of Rhesus Macaques. Journal of Virology, 2019, 93, .	3.4	11
76	Gene Transfer in Adeno-Associated Virus Seropositive Rhesus Macaques Following Rapamycin Treatment and Subcutaneous Delivery of AAV6, but Not Retargeted AAV6 Vectors. Human Gene Therapy, 2021, 32, 96-112.	2.7	11
77	<i>In Vivo</i> Generation of BK and JC Polyomavirus Defective Viral Genomes in Human Urine Samples Associated with Higher Viral Loads. Journal of Virology, 2021, 95, .	3.4	9
78	Examining the dynamics of Epstein-Barr virus shedding in the tonsils and the impact of HIV-1 coinfection on daily saliva viral loads. PLoS Computational Biology, 2021, 17, e1009072.	3.2	9
79	Phylogenetic estimates of SARS-CoV-2 introductions into Washington State. The Lancet Regional Health Americas, 2021, 1, 100018.	2.6	8
80	HIV reservoir quantification by five-target multiplex droplet digital PCR. STAR Protocols, 2021, 2, 100885.	1.2	8
81	A patient self-collection method for longitudinal monitoring of respiratory virus infection in solid organ transplant recipients. Journal of Clinical Virology, 2015, 62, 98-102.	3.1	7
82	Consistent viral DNA quantification after prolonged storage at ambient temperature. Journal of Virological Methods, 2016, 228, 91-94.	2.1	7
83	Inflammatory Cytokine Profile in Individuals with Inherited Chromosomally Integrated Human Herpesvirus 6. Biology of Blood and Marrow Transplantation, 2020, 26, 254-261.	2.0	7
84	Subclinical Genital Herpes Shedding in HIV/Herpes Simplex Virus 2-Coinfected Women during Antiretroviral Therapy Is Associated with an Increase in HIV Tissue Reservoirs and Potentially Promotes HIV Evolution. Journal of Virology, 2020, 95, .	3.4	7
85	High-resolution profiling of human cytomegalovirus cell-free DNA in human plasma highlights its exceptionally fragmented nature. Scientific Reports, 2020, 10, 3734.	3.3	7
86	Association Between Cytomegalovirus and Epstein-Barr Virus Viremia And Human Immunodeficiency Virus DNA Levels in the Reservoir of Kenyan Infants Receiving Antiretroviral Therapy. Journal of Infectious Diseases, 2021, 223, 1923-1927.	4.0	7
87	Clinical Performance Characteristics of the Swift Normalase Amplicon Panel for Sensitive Recovery of Severe Acute Respiratory Syndrome Coronavirus 2 Genomes. Journal of Molecular Diagnostics, 2022, 24, 963-976.	2.8	7
88	Herpes Simplex Virus Mistyping due to HSV-1 Å— HSV-2 Interspecies Recombination in Viral Gene Encoding Glycoprotein B. Viruses, 2020, 12, 860.	3.3	5
89	Cytomegalovirus Viremia and Clinical Outcomes in Kenyan Children Diagnosed With Human Immunodeficiency Virus (HIV) in Hospital. Clinical Infectious Diseases, 2022, 74, 1237-1246.	5.8	5
90	HSV-2-Specific Human Female Reproductive Tract Tissue Resident Memory T Cells Recognize Diverse HSV Antigens. Frontiers in Immunology, 2022, 13, 867962.	4.8	5

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91	Trillions and Trillions: Herpes Simplex Virus-1 Hepatitis in an Immunocompetent Adult. Open Forum Infectious Diseases, 2019, 6, ofz465.	0.9	4
92	Donor-Derived CD4+ T Cells and Human Herpesvirus 6B Detection After Allogeneic Hematopoietic Cell Transplantation. Journal of Infectious Diseases, 2021, 223, 709-713.	4.0	4
93	Retrospective Detection of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in Symptomatic Patients Prior to Widespread Diagnostic Testing in Southern California. Clinical Infectious Diseases, 2022, 74, 271-277.	5.8	4
94	Association of Inherited Chromosomally Integrated Human Herpesvirus 6 with Neurologic Symptoms and Management after Allogeneic Hematopoietic Cell Transplantation. Transplantation and Cellular Therapy, 2021, 27, 795.e1-795.e8.	1.2	4
95	Detection of parvovirus B19 and human herpesvirus 6 in pediatric dilated cardiomyopathy: Impact after heart transplantation. Annals of Pediatric Cardiology, 2020, 13, 301.	0.5	4
96	Detection and kinetics of subgenomic SARS-CoV-2 RNA viral load in longitudinal diagnostic RNA positive samples. Journal of Infectious Diseases, 2022, , .	4.0	4
97	Case Study: Impact of Diurnal Variations and Stormwater Dilution on SARS-CoV-2 RNA Signal Intensity at Neighborhood Scale Wastewater Pumping Stations. ACS ES&T Water, 2022, 2, 1964-1975.	4.6	4
98	Quantitative Oral HPV16 and HPV18 Detection in Persons Attending Dental Clinics. Sexually Transmitted Diseases, 2020, 47, 100-104.	1.7	3
99	Cytomegalovirus Humoral Response Against Epithelial Cell Entry-Mediated Infection in the Primary Infection Setting After Hematopoietic Cell Transplantation. Journal of Infectious Diseases, 2020, 221, 1470-1479.	4.0	3
100	Maternal Epstein-Barr Virus-Specific Antibodies and Risk of Infection in Ugandan Infants. Journal of Infectious Diseases, 2021, 223, 1897-1904.	4.0	3
101	Host-pathogen dynamics in longitudinal clinical specimens from patients with COVID-19. Scientific Reports, 2022, 12, 5856.	3.3	3
102	Underutilization of norovirus testing in hematopoietic cell transplant recipients at a large cancer center. American Journal of Infection Control, 2018, 46, 100-102.	2.3	2
103	Detection of Multiple Double-Stranded DNA Viruses after Cord Blood Transplantation Is Frequent and Persistent. Blood, 2015, 126, 3104-3104.	1.4	1
104	1225Co-Reactivation of Human Herpesvirus 6 (HHV-6) and Cytomegalovirus (CMV) is Associated with Worse Clinical Outcome in Critically Ill Immunocompetent Adults. Open Forum Infectious Diseases, 2014, 1, S43-S43.	0.9	0
105	Kinetic Features of Double Stranded DNA Virus Detection after Allogeneic Hematopoietic Cell Transplantation. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
106	A Gut Reaction to SIV and SHIV Infection: Lower Dysregulation of Mucosal T Cells during Acute Infection Is Associated with Greater Viral Suppression during cART. Viruses, 2021, 13, 1609.	3.3	0
107	An international, interlaboratory ring trial confirms the feasibility of an extraction-less -direct- RT-qPCR method for reliable detection of SARS-CoV-2 RNA in clinical samples. PLoS ONE, 2022, 17, e0261853.	2.5	0