Meei-Li Huang

List of Publications by Year
in descending order

107	6,455	101384	79541
papers	citations	36 h-index	73 g-index

119	119	119	11549
all docs	docs citations	times ranked	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. Journal of Clinical Microbiology, 2020, 58, .	1.8	494
2	A Population-Based Study of Primary Human Herpesvirus 6 Infection. New England Journal of Medicine, 2005, 352, 768-776.	13.9	417
3	Comparative Performance of SARS-CoV-2 Detection Assays Using Seven Different Primer-Probe Sets and One Assay Kit. Journal of Clinical Microbiology, 2020, 58, .	1.8	401
4	Coast-to-Coast Spread of SARS-CoV-2 during the Early Epidemic in the United States. Cell, 2020, 181, 990-996.e5.	13.5	321
5	Clinical Outcomes of Human Herpesvirus 6 Reactivation after Hematopoietic Stem Cell Transplantation. Clinical Infectious Diseases, 2005, 40, 932-940.	2.9	313
6	Comparison of Real-Time PCR Assays with Fluorescent-Antibody Assays for Diagnosis of Respiratory Virus Infections in Children. Journal of Clinical Microbiology, 2006, 44, 2382-2388.	1.8	273
7	In vivo antiviral host transcriptional response to SARS-CoV-2 by viral load, sex, and age. PLoS Biology, 2020, 18, e3000849.	2.6	225
8	Cryptic transmission of SARS-CoV-2 in Washington state. Science, 2020, 370, 571-575.	6.0	217
9	Comparison of Commercially Available and Laboratory-Developed Assays for In Vitro Detection of SARS-CoV-2 in Clinical Laboratories. Journal of Clinical Microbiology, 2020, 58, .	1.8	215
10	Polyomavirus-Negative Merkel Cell Carcinoma: A More Aggressive Subtype Based on Analysis of 282 Cases Using Multimodal Tumor Virus Detection. Journal of Investigative Dermatology, 2017, 137, 819-827.	0.3	203
11	High-Throughput Quantitative Analysis of Hepatitis B Virus DNA in Serum Using the TaqMan Fluorogenic Detection System. Hepatology, 2000, 32, 626-629.	3.6	155
12	Idiopathic pneumonia syndrome after hematopoietic cell transplantation: evidence of occult infectious etiologies. Blood, 2015, 125, 3789-3797.	0.6	137
13	The cumulative burden of double-stranded DNA virus detection after allogeneic HCT is associated with increased mortality. Blood, 2017, 129, 2316-2325.	0.6	126
14	HHV-6 Reactivation and Associated Sequelae after Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 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. PLoS Biology, 2020, 18, e3000896.	2.6	119
16	Identification of Chromosomally Integrated Human Herpesvirus 6 by Droplet Digital PCR. Clinical Chemistry, 2014, 60, 765-772.	1.5	114
17	Clinical Features and Outcomes of 105 Hospitalized Patients With COVID-19 in Seattle, Washington. Clinical Infectious Diseases, 2020, 71, 2167-2173.	2.9	95
18	SARS-CoV-2 ORF6 Disrupts Bidirectional Nucleocytoplasmic Transport through Interactions with Rae1 and Nup98. MBio, 2021, 12, .	1.8	92

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19	Worldwide circulation of HSV-2â€‰Ã—â€‰HSV-1 recombinant strains. Scientific Reports, 2017, 7, 44084.	1.6	81
20	Identification of multiple large deletions in ORF7a resulting in in-frame gene fusions in clinical SARS-CoV-2 isolates. Journal of Clinical Virology, 2020, 129, 104523.	1.6	71
21	Analytical Sensitivity of the Abbott BinaxNOW COVID-19 Ag Card. Journal of Clinical Microbiology, 2021, 59, .	1.8	69
22	Sensitive Method for Detection of Human Herpesviruses 6 and 7 in Saliva Collected in Field Studies. Journal of Clinical Microbiology, 2000, 38, 1981-1983.	1.8	68
23	Validation of SARS-CoV-2 detection across multiple specimen types. Journal of Clinical Virology, 2020, 128, 104438.	1.6	66
24	Outcomes of hematopoietic cell transplantation using donors or recipients with inherited chromosomally integrated HHV-6. Blood, 2017, 130, 1062-1069.	0.6	65
25	Metagenomic Analysis Reveals Clinical SARS-CoV-2 Infection and Bacterial or Viral Superinfection and Colonization. Clinical Chemistry, 2020, 66, 966-972.	1.5	63
26	CRISPR-Cas9 gene editing of hepatitis B virus in chronically infected humanized mice. Molecular Therapy - Methods and Clinical Development, 2021, 20, 258-275.	1.8	62
27	Clinical evaluation of the BioFireÂ® Respiratory Panel 2.1 and detection of SARS-CoV-2. Journal of Clinical Virology, 2020, 129, 104538.	1.6	60
28	Validation and verification of the Abbott RealTime SARS-CoV-2 assay analytical and clinical performance. Journal of Clinical Virology, 2020, 129, 104474.	1.6	58
29	Viral genomes reveal patterns of the SARS-CoV-2 outbreak in Washington State. Science Translational Medicine, 2021, 13, .	5.8	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. JAMA Network Open, 2022, 5, e2142796.	2.8	57
31	Kinetics of Double-Stranded DNA Viremia After Allogeneic Hematopoietic Cell Transplantation. Clinical Infectious Diseases, 2018, 66, 368-375.	2.9	56
32	Hydroxychloroquine with or without azithromycin for treatment of early SARS-CoV-2 infection among high-risk outpatient adults: A randomized clinical trial. EClinicalMedicine, 2021, 33, 100773.	3.2	55
33	Pooling of SARS-CoV-2 samples to increase molecular testing throughput. Journal of Clinical Virology, 2020, 131, 104570.	1.6	51
34	Ultrasensitive Capture of Human Herpes Simplex Virus Genomes Directly from Clinical Samples Reveals Extraordinarily Limited Evolution in Cell Culture. MSphere, 2018, 3, .	1.3	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. Journal of Clinical Microbiology, 2021, 59, e0098921.	1.8	48
36	Gene editing and elimination of latent herpes simplex virus in vivo. Nature Communications, 2020, 11, 4148.	5.8	46

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37	In vitro Inactivation of Latent HSV by Targeted Mutagenesis Using an HSV-specific Homing Endonuclease. Molecular Therapy - Nucleic Acids, 2014, 3, e146.	2.3	45
38	Comparative genomic, transcriptomic, and proteomic reannotation of human herpesvirus 6. BMC Genomics, 2018, 19, 204.	1.2	45
39	A highly multiplexed droplet digital PCR assay to measure the intact HIV-1 proviral reservoir. Cell Reports Medicine, 2021, 2, 100243.	3.3	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. Journal of Clinical Microbiology, 2016, 54, 1223-1227.	1.8	39
41	Variants of Concern Are Overrepresented Among Postvaccination Breakthrough Infections of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in Washington State. Clinical Infectious Diseases, 2022, 74, 1089-1092.	2.9	38
42	Predicting infectivity: comparing four PCRâ€based assays to detect culturable SARSâ€CoVâ€2 in clinical samples. EMBO Molecular Medicine, 2022, 14, e15290.	3.3	38
43	Robust expansion of HIV CAR T cells following antigen boosting in ART-suppressed nonhuman primates. Blood, 2020, 136, 1722-1734.	0.6	37
44	Stability of SARS-CoV-2 in Phosphate-Buffered Saline for Molecular Detection. Journal of Clinical Microbiology, 2020, 58, .	1.8	36
45	Vaxfectin-adjuvanted plasmid DNA vaccine improves protection and immunogenicity in a murine model of genital herpes infection. Journal of General Virology, 2012, 93, 1305-1315.	1.3	35
46	Urethral Microbiota in Men: Association of Haemophilus influenzae and Mycoplasma penetrans With Nongonococcal Urethritis. Clinical Infectious Diseases, 2021, 73, e1684-e1693.	2.9	35
47	Multiplexing primer/probe sets for detection of SARS-CoV-2 by qRT-PCR. Journal of Clinical Virology, 2020, 129, 104499.	1.6	35
48	Measuring infectious SARS-CoV-2 in clinical samples reveals a higher viral titer:RNA ratio for Delta and Epsilon vs. Alpha variants. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	35
49	In vivo disruption of latent HSV by designer endonuclease therapy. JCI Insight, 2016, 1, .	2.3	33
50	Evolutionary History of Endogenous Human Herpesvirus 6 Reflects Human Migration out of Africa. Molecular Biology and Evolution, 2021, 38, 96-107.	3.5	31
51	Specific allelic discrimination of N501Y and other SARSâ€CoVâ€2 mutations by ddPCR detects B.1.1.7 lineage in Washington State. Journal of Medical Virology, 2021, 93, 5931-5941.	2.5	31
52	Development of multiplexed real-time quantitative polymerase chain reaction assay for detecting human adenoviruses. Diagnostic Microbiology and Infectious Disease, 2008, 62, 263-271.	0.8	30
53	Treponema pallidum genome sequencing from six continents reveals variability in vaccine candidate genes and dominance of Nichols clade strains in Madagascar. PLoS Neglected Tropical Diseases, 2021, 15, e0010063.	1.3	30
54	Inherited Chromosomally Integrated Human Herpesvirus 6 Demonstrates Tissue-Specific RNA Expression In Vivo That Correlates with an Increased Antibody Immune Response. Journal of Virology, 2019, 94, .	1.5	27

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55	Reduced human herpesvirus-8 oropharyngeal shedding associated with protease inhibitor-based antiretroviral therapy. Journal of Clinical Virology, 2014, 60, 127-132.	1.6	24
56	Comparison of the Simplexa HSV1 & 2 Direct kit and laboratory-developed real-time PCR assays for herpes simplex virus detection. Journal of Clinical Virology, 2015, 62, 103-105.	1.6	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. Journal of Virology, 2015, 89, 8497-8509.	1.5	22
58	Prevalence of Chromosomally Integrated Human Herpesvirus 6 in Patients with Human Herpesvirus 6â€“Central Nervous System Dysfunction. Biology of Blood and Marrow Transplantation, 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. Journal of Virology, 2018, 92, .	1.5	21
60	Prospective, Real-time Metagenomic Sequencing During Norovirus Outbreak Reveals Discrete Transmission Clusters. Clinical Infectious Diseases, 2019, 69, 941-948.	2.9	21
61	Multiplex CRISPR/Cas9 genome editing in hematopoietic stem cells for fetal hemoglobin reinduction generates chromosomal translocations. Molecular Therapy - Methods and Clinical Development, 2021, 23, 507-523.	1.8	21
62	Efficient identification of inherited chromosomally integrated human herpesvirus 6 using specimen pooling. Journal of Clinical Virology, 2016, 77, 71-76.	1.6	20
63	Estimation of Full-Length TprK Diversity in Treponema pallidum subsp.pallidum. MBio, 2020, 11, .	1.8	19
64	Diagnostic and Prognostic Plasma Biomarkers for Idiopathic Pneumonia Syndrome after Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2018, 24, 678-686.	2.0	18
65	Evidence for persistence of the SHIV reservoir early after MHC haploidentical hematopoietic stem cell transplantation. Nature Communications, 2018, 9, 4438.	5.8	18
66	Comparative genomics and full-length Tprk profiling of Treponema pallidum subsp. pallidum reinfection. PLoS Neglected Tropical Diseases, 2020, 14, e0007921.	1.3	18
67	Frequent Genital HSV-2 Shedding among Women during Labor in Soweto, South Africa. Infectious Diseases in Obstetrics and Gynecology, 2014, 2014, 1-8.	0.4	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. Virology, 2017, 510, 90-98.	1.1	17
69	RNA Sequencing of the In Vivo Human Herpesvirus 6B Transcriptome To Identify Targets for Clinical Assays Distinguishing between Latent and Active Infections. Journal of Virology, 2019, 93, .	1.5	16
70	Performance characteristics of the Abbott Alinity m SARS-CoV-2 assay. Journal of Clinical Virology, 2021, 140, 104869.	1.6	16
71	Tissue-Resident-Memory CD8+ T Cells Bridge Innate Immune Responses in Neighboring Epithelial Cells to Control Human Genital Herpes. Frontiers in Immunology, 2021, 12, 735643.	2.2	15
72	Oral and Vaginal Tenofovir for Genital Herpes Simplex Virus Type 2 Shedding in Immunocompetent Women: A Double-Blind, Randomized, Cross-over Trial. Journal of Infectious Diseases, 2015, 212, 1949-1956.	1.9	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.	1.9	13
74	Cytomegalovirus shedding from breastmilk and mucosal sites in healthy postpartum women: A pilot study. Journal of Medical Virology, 2019, 91, 894-898.	2.5	11
75	Acute Infection and Subsequent Subclinical Reactivation of Herpes Simplex Virus 2 after Vaginal Inoculation of Rhesus Macaques. Journal of Virology, 2019, 93, .	1.5	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.	1.4	11
77	In Vivo Generation of BK and JC Polyomavirus Defective Viral Genomes in Human Urine Samples Associated with Higher Viral Loads. Journal of Virology, 2021, 95, .	1.5	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.	1.5	9
79	Phylogenetic estimates of SARS-CoV-2 introductions into Washington State. The Lancet Regional Health Americas, 2021, 1, 100018.	1.5	8
80	HIV reservoir quantification by five-target multiplex droplet digital PCR. STAR Protocols, 2021, 2, 100885.	0.5	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.	1.6	7
82	Consistent viral DNA quantification after prolonged storage at ambient temperature. Journal of Virological Methods, 2016, 228, 91-94.	1.0	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, .	1.5	7
85	High-resolution profiling of human cytomegalovirus cell-free DNA in human plasma highlights its exceptionally fragmented nature. Scientific Reports, 2020, 10, 3734.	1.6	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.	1.9	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.	1.2	7
88	Herpes Simplex Virus Mistyping due to HSV-1 Ã— HSV-2 Interspecies Recombination in Viral Gene Encoding Glycoprotein B. Viruses, 2020, 12, 860.	1.5	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.	2.9	5
90	HSV-2-Specific Human Female Reproductive Tract Tissue Resident Memory T Cells Recognize Diverse HSV Antigens. Frontiers in Immunology, 2022, 13, 867962.	2.2	5

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91	Trillions and Trillions: Herpes Simplex Virusâ€“1 Hepatitis in an Immunocompetent Adult. Open Forum Infectious Diseases, 2019, 6, ofz465.	0.4	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.	1.9	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.	2.9	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.	0.6	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.	0.2	4
96	Detection and kinetics of subgenomic SARS-CoV-2 RNA viral load in longitudinal diagnostic RNA positive samples. Journal of Infectious Diseases, 2022, , .	1.9	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.	2.3	4
98	Quantitative Oral HPV16 and HPV18 Detection in Persons Attending Dental Clinics. Sexually Transmitted Diseases, 2020, 47, 100-104.	0.8	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.	1.9	3
100	Maternal Epstein-Barr Virus-Specific Antibodies and Risk of Infection in Ugandan Infants. Journal of Infectious Diseases, 2021, 223, 1897-1904.	1.9	3
101	Hostâ€“pathogen dynamics in longitudinal clinical specimens from patients with COVID-19. Scientific Reports, 2022, 12, 5856.	1.6	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.	1.1	2
103	Detection of Multiple Double-Stranded DNA Viruses after Cord Blood Transplantation Is Frequent and Persistent. Blood, 2015, 126, 3104-3104.	0.6	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.	0.4	0
105	Kinetic Features of Double Stranded DNA Virus Detection after Allogeneic Hematopoietic Cell Transplantation. Open Forum Infectious Diseases, 2016, 3, .	0.4	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.	1.5	0
107	An international, interlaboratory ring trial confirms the feasibility of an extraction-less â€œdirectâ€• RT-qPCR method for reliable detection of SARS-CoV-2 RNA in clinical samples. PLoS ONE, 2022, 17, e0261853.	1.1	0