

Meei-Li Huang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111
papers

4,326
citations

32
h-index

64
g-index

119
ext. papers

5,621
ext. citations

9
avg, IF

5.84
L-index

#	Paper	IF	Citations
111	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,	11.5	6
110	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, e2142798	10.4	2
109	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.. <i>PLoS ONE</i> , 2022 , 17, e0261853	2.7	1853
108	HSV-2-Specific Human Female Reproductive Tract Tissue Resident Memory T Cells Recognize Diverse HSV Antigens.. <i>Frontiers in Immunology</i> , 2022 , 13, 867962	8.4	0
107	Host-pathogen dynamics in longitudinal clinical specimens from patients with COVID-19.. <i>Scientific Reports</i> , 2022 , 12, 5856	4.9	1
106	Treponema pallidum 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	4.8	2
105	Predicting Infectivity: Comparing Four PCR-based Assays to Detect Culturable SARS-CoV-2 in Clinical Samples. <i>EMBO Molecular Medicine</i> , 2021 , e15290	12	8
104	HIV reservoir quantification by five-target multiplex droplet digital PCR. <i>STAR Protocols</i> , 2021 , 2, 1008851.4	5.4	2
103	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	6.4	2
102	Urethral Microbiota in Men: Association of Haemophilus influenzae and Mycoplasma penetrans With Nongonococcal Urethritis. <i>Clinical Infectious Diseases</i> , 2021 , 73, e1684-e1693	11.6	8
101	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	11.3	28
100	SARS-CoV-2 ORF6 Disrupts Bidirectional Nucleocytoplasmic Transport through Interactions with Rae1 and Nup98. <i>MBio</i> , 2021 , 12,	7.8	26
99	A highly multiplexed droplet digital PCR assay to measure the intact HIV-1 proviral reservoir. <i>Cell Reports Medicine</i> , 2021 , 2, 100243	18	10
98	Retrospective Detection of SARS-CoV-2 in Symptomatic Patients prior to Widespread Diagnostic Testing in Southern California. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	3
97	Generation of BK and JC Polyomavirus Defective Viral Genomes in Human Urine Samples Associated with Higher Viral Loads. <i>Journal of Virology</i> , 2021 , 95,	6.6	2
96	Viral genomes reveal patterns of the SARS-CoV-2 outbreak in Washington State. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	18
95	Variants of concern are overrepresented among post-vaccination breakthrough infections of SARS-CoV-2 in Washington State. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	23

94	Examining the dynamics of Epstein-Barr virus shedding in the tonsils and the impact of HIV-1 coinfection on daily saliva viral loads. <i>PLoS Computational Biology</i> , 2021 , 17, e1009072	5	1
93	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	19.7	16
92	Performance characteristics of the Abbott Alinity m SARS-CoV-2 assay. <i>Journal of Clinical Virology</i> , 2021 , 140, 104869	14.5	4
91	Donor-Derived CD4+ T Cells and Human Herpesvirus 6B Detection After Allogeneic Hematopoietic Cell Transplantation. <i>Journal of Infectious Diseases</i> , 2021 , 223, 709-713	7	1
90	Gene Transfer in Adeno-Associated Virus Seropositive Rhesus Macaques Following Rapamycin Treatment and Subcutaneous Delivery of AAV6, but Not Retargeted AAV6 Vectors. <i>Human Gene Therapy</i> , 2021 , 32, 96-112	4.8	4
89	Association Between Cytomegalovirus and Epstein-Barr Virus Viremia And Human Immunodeficiency Virus DNA Levels in the Reservoir of Kenyan Infants Receiving Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2021 , 223, 1923-1927	7	3
88	Maternal Epstein-Barr Virus-Specific Antibodies and Risk of Infection in Ugandan Infants. <i>Journal of Infectious Diseases</i> , 2021 , 223, 1897-1904	7	1
87	Evolutionary History of Endogenous Human Herpesvirus 6 Reflects Human Migration out of Africa. <i>Molecular Biology and Evolution</i> , 2021 , 38, 96-107	8.3	10
86	Analytical Sensitivity of the Abbott BinaxNOW COVID-19 Ag Card. <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	40
85	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	6.4	24
84	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	9.7	17
83	Association of Inherited Chromosomally Integrated Human Herpesvirus 6 with Neurologic Symptoms and Management after Allogeneic Hematopoietic Cell Transplantation. <i>Transplantation and Cellular Therapy</i> , 2021 , 27, 795.e1-795.e8		1
82	Phylogenetic estimates of SARS-CoV-2 introductions into Washington State.. <i>The Lancet Regional Health Americas</i> , 2021 , 1, 100018		1
81	Quantitative measurement of infectious virus in SARS-CoV-2 Alpha, Delta and Epsilon variants reveals higher infectivity (viral titer:RNA ratio) in clinical samples containing the Delta and Epsilon variants 2021 ,		15
80	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	8.4	1
79	Stability of SARS-CoV-2 in Phosphate-Buffered Saline for Molecular Detection. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	20
78	Metagenomic Analysis Reveals Clinical SARS-CoV-2 Infection and Bacterial or Viral Superinfection and Colonization. <i>Clinical Chemistry</i> , 2020 , 66, 966-972	5.5	41
77	Coast-to-Coast Spread of SARS-CoV-2 during the Early Epidemic in the United States. <i>Cell</i> , 2020 , 181, 990-996.e5	56.2	235

76	Validation of SARS-CoV-2 detection across multiple specimen types. <i>Journal of Clinical Virology</i> , 2020 , 128, 104438	14.5	51
75	Validation and verification of the Abbott RealTime SARS-CoV-2 assay analytical and clinical performance. <i>Journal of Clinical Virology</i> , 2020 , 129, 104474	14.5	39
74	Multiplexing primer/probe sets for detection of SARS-CoV-2 by qRT-PCR. <i>Journal of Clinical Virology</i> , 2020 , 129, 104499	14.5	21
73	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	14.5	39
72	Robust expansion of HIV CAR T cells following antigen boosting in ART-suppressed nonhuman primates. <i>Blood</i> , 2020 , 136, 1722-1734	2.2	15
71	High-resolution profiling of human cytomegalovirus cell-free DNA in human plasma highlights its exceptionally fragmented nature. <i>Scientific Reports</i> , 2020 , 10, 3734	4.9	1
70	Comparison of Commercially Available and Laboratory-Developed Assays for Detection of SARS-CoV-2 in Clinical Laboratories. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	166
69	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,	9.7	314
68	Detection of parvovirus B19 and human herpesvirus 6 in pediatric dilated cardiomyopathy: Impact after heart transplantation. <i>Annals of Pediatric Cardiology</i> , 2020 , 13, 301-308	0.8	3
67	Clinical Features and Outcomes of 105 Hospitalized Patients With COVID-19 in Seattle, Washington. <i>Clinical Infectious Diseases</i> , 2020 , 71, 2167-2173	11.6	77
66	DIRECT RT-qPCR DETECTION OF SARS-CoV-2 RNA FROM PATIENT NASOPHARYNGEAL SWABS WITHOUT AN RNA EXTRACTION STEP 2020 ,		49
65	Neutralizing antibodies correlate with protection from SARS-CoV-2 in humans during a fishery vessel outbreak with high attack rate 2020 ,		26
64	Viral genomes reveal patterns of the SARS-CoV-2 outbreak in Washington State 2020 ,		7
63	Inflammatory Cytokine Profile in Individuals with Inherited Chromosomally Integrated Human Herpesvirus 6. <i>Biology of Blood and Marrow Transplantation</i> , 2020 , 26, 254-261	4.7	4
62	Quantitative Oral HPV16 and HPV18 Detection in Persons Attending Dental Clinics. <i>Sexually Transmitted Diseases</i> , 2020 , 47, 100-104	2.4	1
61	Cytomegalovirus Humoral Response Against Epithelial Cell Entry-Mediated Infection in the Primary Infection Setting After Hematopoietic Cell Transplantation. <i>Journal of Infectious Diseases</i> , 2020 , 221, 1470-1479	7	1
60	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	9.7	77
59	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. <i>Journal of Virology</i> , 2020 , 95,	6.6	1

58	Pooling of SARS-CoV-2 samples to increase molecular testing throughput. <i>Journal of Clinical Virology</i> , 2020 , 131, 104570	14.5	40
57	Clinical evaluation of the BioFire [®] Respiratory Panel 2.1 and detection of SARS-CoV-2. <i>Journal of Clinical Virology</i> , 2020 , 129, 104538	14.5	35
56	Estimation of Full-Length TprK Diversity in <i>Treponema pallidum</i> subsp.. <i>MBio</i> , 2020 , 11,	7.8	3
55	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,	9.7	320
54	Herpes Simplex Virus Mistyping due to HSV-1 [HSV-2 Interspecies Recombination in Viral Gene Encoding Glycoprotein B. <i>Viruses</i> , 2020 , 12,	6.2	2
53	In vivo antiviral host transcriptional response to SARS-CoV-2 by viral load, sex, and age. <i>PLoS Biology</i> , 2020 , 18, e3000849	9.7	129
52	Cryptic transmission of SARS-CoV-2 in Washington state. <i>Science</i> , 2020 , 370, 571-575	33.3	135
51	Gene editing and elimination of latent herpes simplex virus in vivo. <i>Nature Communications</i> , 2020 , 11, 4148	17.4	21
50	Comparative genomics and full-length Tprk profiling of <i>Treponema pallidum</i> subsp. pallidum reinfection. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0007921	4.8	6
49	Cytomegalovirus shedding from breastmilk and mucosal sites in healthy postpartum women: A pilot study. <i>Journal of Medical Virology</i> , 2019 , 91, 894-898	19.7	6
48	Inherited Chromosomally Integrated Human Herpesvirus 6 Demonstrates Tissue-Specific RNA Expression That Correlates with an Increased Antibody Immune Response. <i>Journal of Virology</i> , 2019 , 94,	6.6	16
47	Trillions and Trillions: Herpes Simplex Virus-1 Hepatitis in an Immunocompetent Adult. <i>Open Forum Infectious Diseases</i> , 2019 , 6, ofz465	1	3
46	Prospective, Real-time Metagenomic Sequencing During Norovirus Outbreak Reveals Discrete Transmission Clusters. <i>Clinical Infectious Diseases</i> , 2019 , 69, 941-948	11.6	11
45	RNA Sequencing of the Human Herpesvirus 6B Transcriptome To Identify Targets for Clinical Assays Distinguishing between Latent and Active Infections. <i>Journal of Virology</i> , 2019 , 93,	6.6	11
44	Acute Infection and Subsequent Subclinical Reactivation of Herpes Simplex Virus 2 after Vaginal Inoculation of Rhesus Macaques. <i>Journal of Virology</i> , 2019 , 93,	6.6	6
43	Viral Genetics Modulate Orolabial Herpes Simplex Virus Type 1 Shedding in Humans. <i>Journal of Infectious Diseases</i> , 2019 , 219, 1058-1066	7	11
42	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,	6.6	15
41	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	4.7	12

40	Kinetics of Double-Stranded DNA Viremia After Allogeneic Hematopoietic Cell Transplantation. <i>Clinical Infectious Diseases</i> , 2018 , 66, 368-375	11.6	39
39	Ultrasensitive Capture of Human Herpes Simplex Virus Genomes Directly from Clinical Samples Reveals Extraordinarily Limited Evolution in Cell Culture. <i>MSphere</i> , 2018 , 3,	5	28
38	Comparative genomic, transcriptomic, and proteomic reannotation of human herpesvirus 6. <i>BMC Genomics</i> , 2018 , 19, 204	4.5	32
37	Underutilization of norovirus testing in hematopoietic cell transplant recipients at a large cancer center. <i>American Journal of Infection Control</i> , 2018 , 46, 100-102	3.8	2
36	Evidence for persistence of the SHIV reservoir early after MHC haploidentical hematopoietic stem cell transplantation. <i>Nature Communications</i> , 2018 , 9, 4438	17.4	8
35	The cumulative burden of double-stranded DNA virus detection after allogeneic HCT is associated with increased mortality. <i>Blood</i> , 2017 , 129, 2316-2325	2.2	93
34	Worldwide circulation of HSV-2 [HSV-1 recombinant strains. <i>Scientific Reports</i> , 2017 , 7, 44084	4.9	49
33	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	4.3	136
32	Outcomes of hematopoietic cell transplantation using donors or recipients with inherited chromosomally integrated HHV-6. <i>Blood</i> , 2017 , 130, 1062-1069	2.2	51
31	Highly conserved intragenic HSV-2 sequences: Results from next-generation sequencing of HSV-2 U and U regions from genital swabs collected from 3 continents. <i>Virology</i> , 2017 , 510, 90-98	3.6	11
30	Consistent viral DNA quantification after prolonged storage at ambient temperature. <i>Journal of Virological Methods</i> , 2016 , 228, 91-4	2.6	5
29	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, 1223-7	9.7	32
28	Efficient identification of inherited chromosomally integrated human herpesvirus 6 using specimen pooling. <i>Journal of Clinical Virology</i> , 2016 , 77, 71-6	14.5	16
27	In vivo disruption of latent HSV by designer endonuclease therapy. <i>JCI Insight</i> , 2016 , 1,	9.9	23
26	A patient self-collection method for longitudinal monitoring of respiratory virus infection in solid organ transplant recipients. <i>Journal of Clinical Virology</i> , 2015 , 62, 98-102	14.5	7
25	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, 103-5	14.5	18
24	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, 8497-509	6.6	17
23	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, 371-3	4.7	20

22	Idiopathic pneumonia syndrome after hematopoietic cell transplantation: evidence of occult infectious etiologies. <i>Blood</i> , 2015 , 125, 3789-97	2.2	101
21	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, 1949-56	7	12
20	Detection of Multiple Double-Stranded DNA Viruses after Cord Blood Transplantation Is Frequent and Persistent. <i>Blood</i> , 2015 , 126, 3104-3104	2.2	1
19	Frequent genital HSV-2 shedding among women during labor in Soweto, South Africa. <i>Infectious Diseases in Obstetrics and Gynecology</i> , 2014 , 2014, 258291	2.4	15
18	1225Co-Reactivation of Human Herpesvirus 6 (HHV-6) and Cytomegalovirus (CMV) is Associated with Worse Clinical Outcome in Critically Ill Immunocompetent Adults. <i>Open Forum Infectious Diseases</i> , 2014 , 1, S43-S43	1	
17	In vitro Inactivation of Latent HSV by Targeted Mutagenesis Using an HSV-specific Homing Endonuclease. <i>Molecular Therapy - Nucleic Acids</i> , 2014 , 3, e146	10.7	37
16	Reduced human herpesvirus-8 oropharyngeal shedding associated with protease inhibitor-based antiretroviral therapy. <i>Journal of Clinical Virology</i> , 2014 , 60, 127-32	14.5	22
15	Identification of chromosomally integrated human herpesvirus 6 by droplet digital PCR. <i>Clinical Chemistry</i> , 2014 , 60, 765-72	5.5	94
14	HHV-6 reactivation and associated sequelae after hematopoietic cell transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2012 , 18, 1700-8	4.7	95
13	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	4.9	31
12	Development of multiplexed real-time quantitative polymerase chain reaction assay for detecting human adenoviruses. <i>Diagnostic Microbiology and Infectious Disease</i> , 2008 , 62, 263-71	2.9	26
11	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, 2382-8	9.7	240
10	Clinical outcomes of human herpesvirus 6 reactivation after hematopoietic stem cell transplantation. <i>Clinical Infectious Diseases</i> , 2005 , 40, 932-40	11.6	269
9	A population-based study of primary human herpesvirus 6 infection. <i>New England Journal of Medicine</i> , 2005 , 352, 768-76	59.2	341
8	High-throughput quantitative analysis of hepatitis B virus DNA in serum using the TaqMan fluorogenic detection system. <i>Hepatology</i> , 2000 , 32, 626-9	11.2	142
7	Sensitive method for detection of human herpesviruses 6 and 7 in saliva collected in field studies. <i>Journal of Clinical Microbiology</i> , 2000 , 38, 1981-3	9.7	57
6	Rapid and Accurate Identification of SARS-CoV-2 Omicron Variants Using Droplet Digital PCR (RT-ddPCR)		2
5	Host Variation in Interferon, MHC Class I, Glycosylation, and Viral Transcription Genes Predict HIV Persistence		1

4	Clinical performance characteristics of the Swift Normalase Amplicon Panel for sensitive recovery of SARS-CoV-2 genomes	1
3	Host-pathogen dynamics in longitudinal clinical specimens from patients with COVID-19	1
2	Anti-SARS-CoV-2 antibody levels are concordant across multiple platforms but are not fully predictive of sterilizing immunity	1
1	Case Study: Impact of Diurnal Variations and Stormwater Dilution on SARS-CoV-2 RNA Signal Intensity at Neighborhood Scale Wastewater Pumping Stations. <i>ACS ES&T Water</i> ,	0