

Jesse J Waggoner

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.

71
papers

1,973
citations

24
h-index

43
g-index

80
ext. papers

2,596
ext. citations

7.7
avg, IF

5.23
L-index

#	Paper	IF	Citations
71	mRNA-1273 and BNT162b2 mRNA vaccines have reduced neutralizing activity against the SARS-CoV-2 omicron variant.. <i>Cell Reports Medicine</i> , 2022 , 3, 100529	18	27
70	Rapid detection and characterization of SARS-CoV-2 omicron variant in a returning traveler.. <i>Clinical Infectious Diseases</i> , 2022 ,	11.6	1
69	Unrecognized introductions of SARS-CoV-2 into the US state of Georgia shaped the early epidemic.. <i>Virus Evolution</i> , 2022 , 8, veac011	3.7	0
68	SARS-CoV-2 Variants in Paraguay: Detection and Surveillance with an Economical and Scalable Molecular Protocol. <i>Viruses</i> , 2022 , 14, 873	6.2	0
67	Surveillance of SARS-CoV-2 variants of concern by identification of single nucleotide polymorphisms in the spike protein by a multiplex real-time PCR. <i>Journal of Virological Methods</i> , 2021 , 300, 114374	2.6	2
66	The Importance and Challenges of Identifying SARS-CoV-2 Reinfections. <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	41
65	Infection- and vaccine-induced antibody binding and neutralization of the B.1.351 SARS-CoV-2 variant. <i>Cell Host and Microbe</i> , 2021 , 29, 516-521.e3	23.4	120
64	Retinopathy and Systemic Disease Morbidity in Severe COVID-19. <i>Ocular Immunology and Inflammation</i> , 2021 , 29, 743-750	2.8	1
63	Validation of High-Sensitivity Severe Acute Respiratory Syndrome Coronavirus 2 Testing for Stool-Toward the New Normal for Fecal Microbiota Transplantation. <i>Clinical and Translational Gastroenterology</i> , 2021 , 12, e00363	4.2	1
62	Baricitinib treatment resolves lower-airway macrophage inflammation and neutrophil recruitment in SARS-CoV-2-infected rhesus macaques. <i>Cell</i> , 2021 , 184, 460-475.e21	56.2	84
61	Covid-19 will not "magically disappear": Why access to widespread testing is paramount. <i>American Journal of Hematology</i> , 2021 , 96, 174-178	7.1	3
60	Bioaerosol Sampling for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in a Referral Center with Critically Ill Coronavirus Disease 2019 (COVID-19) Patients March-May 2020. <i>Clinical Infectious Diseases</i> , 2021 , 73, e1790-e1794	11.6	5
59	Reduced binding and neutralization of infection- and vaccine-induced antibodies to the B.1.351 (South African) SARS-CoV-2 variant 2021 ,		23
58	Infection and mRNA-1273 vaccine antibodies neutralize SARS-CoV-2 UK variant 2021 ,		26
57	Single-Amplicon Multiplex Real-Time Reverse Transcription-PCR with Tiled Probes To Detect SARS-CoV-2 Mutations Associated with Variants of Concern. <i>Journal of Clinical Microbiology</i> , 2021 , 59, e0144621	9.7	8
56	Alternative RNA extraction-free techniques for the real-time RT-PCR detection of SARS-CoV-2 in nasopharyngeal swab and sputum samples. <i>Journal of Virological Methods</i> , 2021 , 298, 114302	2.6	1
55	Outbreak of SARS-CoV-2 in hospitalized hemodialysis patients: an epidemiologic and genomic investigation. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 1-14	2	

54	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	7	18
53	Triplex Real-Time RT-PCR for Severe Acute Respiratory Syndrome Coronavirus 2. <i>Emerging Infectious Diseases</i> , 2020 , 26, 1633-1635	10.2	76
52	Dengue Virus and Yellow Fever Virus Detection Using Reverse Transcription-Insulated Isothermal PCR and Comparison with Real-Time RT-PCR. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 103, 157-159	3.2	2
51	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	3.2	1
50	High Rates of New Delhi Metallo-β-Lactamase Carbapenemase Genes in Multi-Drug Resistant Gram-Negative Bacteria in Nicaragua. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020 , 102, 384-387	3.2	1
49	Baricitinib treatment resolves lower airway inflammation and neutrophil recruitment in SARS-CoV-2-infected rhesus macaques 2020 ,		3
48	Real-time RT-PCR for the detection and quantitation of Oropouche virus. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020 , 96, 114894	2.9	1
47	Metagenomic Sequencing To Detect Respiratory Viruses in Persons under Investigation for COVID-19. <i>Journal of Clinical Microbiology</i> , 2020 , 59,	9.7	15
46	Selective Detection of Dengue Virus Serotypes Using Tandem Toehold-Mediated Displacement Reactions. <i>ACS Infectious Diseases</i> , 2019 , 5, 1907-1914	5.5	3
45	Beyond Fever and Pain: Diagnostic Methods for Chikungunya Virus. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	16
44	Detecting Vertical Zika Transmission: Emerging Diagnostic Approaches for an Emerged Flavivirus. <i>ACS Infectious Diseases</i> , 2019 , 5, 1055-1069	5.5	5
43	Evaluation of Patients for Zika Virus Infection in a Travel Clinic in the Southeast United States, 2016. <i>Southern Medical Journal</i> , 2019 , 112, 45-51	0.6	4
42	Characterization of dengue cases among patients with an acute illness, Central Department, Paraguay. <i>PeerJ</i> , 2019 , 7, e7852	3.1	3
41	2801. Post-Natal Zika Virus Infection and Impact on Neurodevelopment Among a Cohort of Children in Rural Guatemala. <i>Open Forum Infectious Diseases</i> , 2019 , 6, S990-S991	1	78
40	846. Postnatally Acquired Zika Virus (ZIKV) Infection in Infants and Young Children in Guatemala: Serologic and Neurodevelopmental (ND) Evaluation. <i>Open Forum Infectious Diseases</i> , 2019 , 6, S14-S15	1	78
39	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	2.6	4
38	Comparison of Four Serological Methods and Two Reverse Transcription-PCR Assays for Diagnosis and Surveillance of Zika Virus Infection. <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	50
37	Real-time RT-PCR for Mayaro virus detection in plasma and urine. <i>Journal of Clinical Virology</i> , 2018 , 98, 1-4	14.5	12

36	Zika and Chikungunya virus detection in naturally infected <i>Aedes aegypti</i> in Ecuador. <i>Acta Tropica</i> , 2018 , 177, 74-80	3.2	20
35	Yellow Fever Virus: Diagnostics for a Persistent Arboviral Threat. <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	20
34	Zika virus infection in Nicaraguan households. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006518	4.8	10
33	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	3.2	12
32	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	1.8	8
31	Rabies post-exposure prophylaxis started during or after travel: A GeoSentinel analysis. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006951	4.8	18
30	Clinical characteristics and outcomes of pediatric patients with CMV DNA detection in bronchoalveolar lavage fluid. <i>Pediatric Pulmonology</i> , 2017 , 52, 112-118	3.5	7
29	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 ^{3.8}	3.8	18
28	Diagnosis of Zika virus infection on a nanotechnology platform. <i>Nature Medicine</i> , 2017 , 23, 548-550	50.5	92
27	Detection of Emerging Vaccine-Related Polioviruses by Deep Sequencing. <i>Journal of Clinical Microbiology</i> , 2017 , 55, 2162-2171	9.7	14
26	Malaria and Chikungunya Detected Using Molecular Diagnostics Among Febrile Kenyan Children. <i>Open Forum Infectious Diseases</i> , 2017 , 4, ofx110	1	24
25	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	7	9
24	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	5.7	50
23	Development of a Real-Time Reverse Transcription Polymerase Chain Reaction for O'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	3.2	4
22	Viremia and Clinical Presentation in Nicaraguan Patients Infected With Zika Virus, Chikungunya Virus, and Dengue Virus. <i>Clinical Infectious Diseases</i> , 2016 , 63, 1584-1590	11.6	179
21	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	3.2	58
20	Zika Virus: Diagnostics for an Emerging Pandemic Threat. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 860-7.7	7.7	175
19	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	14.5	36

18	Single-Reaction Multiplex Reverse Transcription PCR for Detection of Zika, Chikungunya, and Dengue Viruses. <i>Emerging Infectious Diseases</i> , 2016 , 22, 1295-7	10.2	109
17	Molecular diagnostics for human leptospirosis. <i>Current Opinion in Infectious Diseases</i> , 2016 , 29, 440-5	5.4	25
16	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, 179-83	14.5	30
15	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, 3596-600	9.7	2
14	Molecular Detection of Leptospira 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, 238-40	3.2	9
13	Fatal West Nile Virus Encephalitis in a Heart Transplant Recipient. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 2749-52	9.7	9
12	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, 105-6	2.9	1
11	Reverse-Transcriptase PCR Detection of Leptospira: Absence of Agreement with Single-Specimen Microscopic Agglutination Testing. <i>PLoS ONE</i> , 2015 , 10, e0132988	3.7	15
10	Encephalitis caused by Chikungunya virus in a traveler from the Kingdom of Tonga. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 3459-61	9.7	16
9	Reply to "Inconclusive reverse transcription-PCR assay comparison for dengue virus detection and serotyping". <i>Journal of Clinical Microbiology</i> , 2014 , 52, 1801-2	9.7	3
8	Multiplex nucleic acid amplification test for diagnosis of dengue fever, malaria, and leptospirosis. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 2011-8	9.7	26
7	Sensitive real-time PCR detection of pathogenic Leptospira spp. and a comparison of nucleic acid amplification methods for the diagnosis of leptospirosis. <i>PLoS ONE</i> , 2014 , 9, e112356	3.7	24
6	Comparison of automated nucleic acid extraction methods for the detection of cytomegalovirus DNA in fluids and tissues. <i>PeerJ</i> , 2014 , 2, e334	3.1	8
5	Rare and emerging viral infections in transplant recipients. <i>Clinical Infectious Diseases</i> , 2013 , 57, 1182-8	11.6	43
4	Single-reaction, multiplex, real-time rt-PCR for the detection, quantitation, and serotyping of dengue viruses. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2116	4.8	66
3	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, 2172-81	9.7	39
2	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, 3418-20	9.7	42
1	Clinical significance of low cytomegalovirus DNA levels in human plasma. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 2378-83	9.7	28

