

Jesse J Waggoner

List of Publications by Year in descending order

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74
papers

2,775
citations

201385

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docs citations

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times ranked

5805
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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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. | 2.9 | 249 |
| 2 | Zika Virus: Diagnostics for an Emerging Pandemic Threat. <i>Journal of Clinical Microbiology</i> , 2016, 54, 860-867. | 1.8 | 216 |
| 3 | 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. | 5.1 | 199 |
| 4 | 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. | 3.3 | 158 |
| 5 | 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. | 13.5 | 156 |
| 6 | 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 |
| 7 | Diagnosis of Zika virus infection on a nanotechnology platform. <i>Nature Medicine</i> , 2017, 23, 548-550. | 15.2 | 130 |
| 8 | Triplex Real-Time RT-PCR for Severe Acute Respiratory Syndrome Coronavirus 2. <i>Emerging Infectious Diseases</i> , 2020, 26, 1633-1635. | 2.0 | 104 |
| 9 | 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. | 1.3 | 93 |
| 10 | The Importance and Challenges of Identifying SARS-CoV-2 Reinfections. <i>Journal of Clinical Microbiology</i> , 2021, 59, . | 1.8 | 73 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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, . | 1.8 | 58 |
| 15 | Rare and Emerging Viral Infections in Transplant Recipients. <i>Clinical Infectious Diseases</i> , 2013, 57, 1182-1188. | 2.9 | 49 |
| 16 | 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 |
| 17 | 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 |
| 18 | Molecular diagnostics for human leptospirosis. <i>Current Opinion in Infectious Diseases</i> , 2016, 29, 440-445. | 1.3 | 43 |

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|----|---|-----|-----------|
| 19 | Yellow Fever Virus: Diagnostics for a Persistent Arboviral Threat. <i>Journal of Clinical Microbiology</i> , 2018, 56, . | 1.8 | 39 |
| 20 | Beyond Fever and Pain: Diagnostic Methods for Chikungunya Virus. <i>Journal of Clinical Microbiology</i> , 2019, 57, . | 1.8 | 38 |
| 21 | 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 |
| 22 | Metagenomic Sequencing To Detect Respiratory Viruses in Persons under Investigation for COVID-19. <i>Journal of Clinical Microbiology</i> , 2020, 59, . | 1.8 | 36 |
| 23 | 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 |
| 24 | 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 |
| 25 | Rabies post-exposure prophylaxis started during or after travel: A GeoSentinel analysis. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006951. | 1.3 | 33 |
| 26 | Malaria and Chikungunya Detected Using Molecular Diagnostics Among Febrile Kenyan Children. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofx110. | 0.4 | 32 |
| 27 | Clinical Significance of Low Cytomegalovirus DNA Levels in Human Plasma. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2378-2383. | 1.8 | 30 |
| 28 | 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 |
| 29 | 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 |
| 30 | Single-Amplicon Multiplex Real-Time Reverse Transcription-PCR with Tiled Probes To Detect SARS-CoV-2 <i><i>spike</i></i> Mutations Associated with Variants of Concern. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0144621. | 1.8 | 26 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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. | 2.9 | 17 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | Detection of Emerging Vaccine-Related Polioviruses by Deep Sequencing. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2162-2171. | 1.8 | 14 |
| 39 | Zika virus infection in Nicaraguan households. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006518. | 1.3 | 14 |
| 40 | 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 |
| 41 | Characterization of dengue cases among patients with an acute illness, Central Department, Paraguay. <i>PeerJ</i> , 2019, 7, e7852. | 0.9 | 12 |
| 42 | 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 |
| 43 | Fatal West Nile Virus Encephalitis in a Heart Transplant Recipient. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2749-2752. | 1.8 | 11 |
| 44 | How great is the threat of chikungunya virus?. <i>Expert Review of Anti-Infective Therapy</i> , 2015, 13, 291-293. | 2.0 | 10 |
| 45 | Selective Detection of Dengue Virus Serotypes Using Tandem Toehold-Mediated Displacement Reactions. <i>ACS Infectious Diseases</i> , 2019, 5, 1907-1914. | 1.8 | 10 |
| 46 | 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 |
| 47 | SARS-CoV-2 Variants in Paraguay: Detection and Surveillance with an Economical and Scalable Molecular Protocol. <i>Viruses</i> , 2022, 14, 873. | 1.5 | 10 |
| 48 | 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 |
| 49 | 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 |
| 50 | Detecting Vertical Zika Transmission: Emerging Diagnostic Approaches for an Emerged Flavivirus. <i>ACS Infectious Diseases</i> , 2019, 5, 1055-1069. | 1.8 | 7 |
| 51 | 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. | 1.0 | 7 |
| 52 | Rapid Detection and Characterization of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Omicron Variant in a Returning Traveler. <i>Clinical Infectious Diseases</i> , 2022, 75, e350-e353. | 2.9 | 7 |
| 53 | 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. | 0.6 | 6 |
| 54 | Covid-19 will not "magically disappear": Why access to widespread testing is paramount. <i>American Journal of Hematology</i> , 2021, 96, 174-178. | 2.0 | 5 |

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|----|---|-----|-----------|
| 55 | Retinopathy and Systemic Disease Morbidity in Severe COVID-19. <i>Ocular Immunology and Inflammation</i> , 2021, 29, 743-750. | 1.0 | 5 |
| 56 | 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 |
| 57 | 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> , 2022, 300, 114374. | 1.0 | 5 |
| 58 | Sampling for SARS-CoV-2 Aerosols in Hospital Patient Rooms. <i>Viruses</i> , 2021, 13, 2347. | 1.5 | 5 |
| 59 | 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 |
| 60 | 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. | 0.3 | 4 |
| 61 | Reply to "Inconclusive Reverse Transcription-PCR Assay Comparison for Dengue Virus Detection and Serotyping". <i>Journal of Clinical Microbiology</i> , 2014, 52, 1801-1802. | 1.8 | 3 |
| 62 | 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 |
| 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. | 1.3 | 3 |
| 64 | 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. | 0.6 | 3 |
| 65 | Molecular Testing for <i>Plasmodium falciparum</i> 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 |
| 66 | Sensitive and Prolonged Detection of Dengue Virus RNA in Whole Blood. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 1734-1736. | 0.6 | 2 |
| 67 | 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. | 0.6 | 2 |
| 68 | Unrecognized introductions of SARS-CoV-2 into the US state of Georgia shaped the early epidemic. <i>Virus Evolution</i> , 2022, 8, veac011. | 2.2 | 2 |
| 69 | Outbreak of severe acute respiratory coronavirus virus 2 (SARS-CoV-2) in hospitalized hemodialysis patients: An epidemiologic and genomic investigation. <i>Infection Control and Hospital Epidemiology</i> , 2021, , 1-3. | 1.0 | 2 |
| 70 | Simple and Economical Extraction of Viral RNA and Storage at Ambient Temperature. <i>Microbiology Spectrum</i> , 0, , . | 1.2 | 2 |
| 71 | Sensitive and Stable Molecular Detection of Dengue, Chikungunya, and Zika Viruses from Dried Blood Spots. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, 107, 296-299. | 0.6 | 2 |
| 72 | 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 |

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|----|---|-----|-----------|
| 73 | 2801. Post-Natal Zika Virus Infection and Impact on Neurodevelopment Among a Cohort of Children in Rural Guatemala. Open Forum Infectious Diseases, 2019, 6, S990-S991. | 0.4 | 0 |
| 74 | 846. Postnatally Acquired Zika Virus (ZIKV) Infection in Infants and Young Children in Guatemala: Serologic and Neurodevelopmental (ND) Evaluation. Open Forum Infectious Diseases, 2019, 6, S14-S15. | 0.4 | 0 |