

Guiqing Wang

List of Publications by Citations

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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.

46
papers

1,999
citations

21
h-index

44
g-index

47
ext. papers

2,312
ext. citations

6.2
avg, IF

4.38
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 46 | Diagnosis of lyme borreliosis. <i>Clinical Microbiology Reviews</i> , 2005 , 18, 484-509 | 34 | 486 |
| 45 | Molecular typing of <i>Borrelia burgdorferi</i> sensu lato: taxonomic, epidemiological, and clinical implications. <i>Clinical Microbiology Reviews</i> , 1999 , 12, 633-53 | 34 | 333 |
| 44 | Disease severity in a murine model of lyme borreliosis is associated with the genotype of the infecting <i>Borrelia burgdorferi</i> sensu stricto strain. <i>Journal of Infectious Diseases</i> , 2002 , 186, 782-91 | 7 | 123 |
| 43 | Impact of genotypic variation of <i>Borrelia burgdorferi</i> sensu stricto on kinetics of dissemination and severity of disease in C3H/HeJ mice. <i>Infection and Immunity</i> , 2001 , 69, 4303-12 | 3.7 | 107 |
| 42 | Phenotypic and genetic characterization of a novel <i>Borrelia burgdorferi</i> sensu lato isolate from a patient with lyme borreliosis. <i>Journal of Clinical Microbiology</i> , 1999 , 37, 3025-8 | 9.7 | 79 |
| 41 | 531. Practical and Evidence-Based Considerations for Implementation of Bacterial Whole-Genome Sequencing Within Longitudinal Infection Control Practice. <i>Open Forum Infectious Diseases</i> , 2019 , 6, S255 ¹ -S255 ⁷⁸ | | |
| 40 | 1248. Genomic Sequencing and Clinical Data Integration for Next-Generation Infection Prevention. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S379-S380 | 1 | 78 |
| 39 | Quantitative detection of <i>Borrelia burgdorferi</i> in 2-millimeter skin samples of erythema migrans lesions: correlation of results with clinical and laboratory findings. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 1249-53 | 9.7 | 74 |
| 38 | Real-time PCR for simultaneous detection and quantification of <i>Borrelia burgdorferi</i> in field-collected <i>Ixodes scapularis</i> ticks from the Northeastern United States. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 4561-5 | 4.8 | 50 |
| 37 | Impaired host defense to infection and Toll-like receptor 2-independent killing of <i>Borrelia burgdorferi</i> clinical isolates in TLR2-deficient C3H/HeJ mice. <i>FEMS Microbiology Letters</i> , 2004 , 231, 219-25 ⁹ | 2.9 | 50 |
| 36 | Enterovirus D68 Subclade B3 Strain Circulating and Causing an Outbreak in the United States in 2016. <i>Scientific Reports</i> , 2017 , 7, 1242 | 4.9 | 44 |
| 35 | Whole-Genome Sequence Analysis Reveals the Enterovirus D68 Isolates during the United States 2014 Outbreak Mainly Belong to a Novel Clade. <i>Scientific Reports</i> , 2015 , 5, 15223 | 4.9 | 38 |
| 34 | Variations in Barbour-Stoenner-Kelly culture medium modulate infectivity and pathogenicity of <i>Borrelia burgdorferi</i> clinical isolates. <i>Infection and Immunity</i> , 2004 , 72, 6702-6 | 3.7 | 37 |
| 33 | Emergence and Evolution of Multidrug-Resistant <i>Klebsiella pneumoniae</i> with both and Integrated in the Chromosome. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61, | 5.9 | 35 |
| 32 | CTX-M β actamase-producing <i>Klebsiella pneumoniae</i> in suburban New York City, New York, USA. <i>Emerging Infectious Diseases</i> , 2013 , 19, 1803-10 | 10.2 | 35 |
| 31 | Utilization of a real-time PCR assay for diagnosis of <i>Babesia microti</i> infection in clinical practice. <i>Ticks and Tick-borne Diseases</i> , 2015 , 6, 376-82 | 3.6 | 34 |
| 30 | Molecular Typing of <i>Borrelia burgdorferi</i> . <i>Current Protocols in Microbiology</i> , 2014 , 34, 12C.5.1-31 | 7.1 | 31 |

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| 29 | Comparison of a quantitative PCR assay with peripheral blood smear examination for detection and quantitation of Babesia microti infection in humans. <i>Diagnostic Microbiology and Infectious Disease</i> , 2015 , 82, 109-13 | 2.9 | 29 |
| 28 | Insights into Borrelia miyamotoi infection from an untreated case demonstrating relapsing fever, monocytosis and a positive C6 Lyme serology. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016 , 86, 93-6 | 2.9 | 27 |
| 27 | Analysis of a VMP-like sequence (vls) locus in Borrelia garinii and Vls homologues among four Borrelia burgdorferi sensu lato species. <i>FEMS Microbiology Letters</i> , 2001 , 199, 39-45 | 2.9 | 23 |
| 26 | Evaluation of a Real-Time Reverse Transcription-PCR Assay for Detection of Enterovirus D68 in Clinical Samples from an Outbreak in New York State in 2014. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 1915-20 | 9.7 | 22 |
| 25 | Co-infections in Persons with Early Lyme Disease, New York, USA. <i>Emerging Infectious Diseases</i> , 2019 , 25, 748-752 | 10.2 | 19 |
| 24 | Pattern of proinflammatory cytokine induction in RAW264.7 mouse macrophages is identical for virulent and attenuated Borrelia burgdorferi. <i>Journal of Immunology</i> , 2008 , 180, 8306-15 | 5.3 | 19 |
| 23 | Congenital Babesiosis After Maternal Infection With Borrelia burgdorferi and Babesia microti. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2018 , 7, e1-e5 | 4.8 | 18 |
| 22 | Neutropenia in Congenital and Adult Babesiosis. <i>American Journal of Clinical Pathology</i> , 2015 , 144, 94-6 | 1.9 | 15 |
| 21 | Evolution and mutations predisposing to daptomycin resistance in vancomycin-resistant Enterococcus faecium ST736 strains. <i>PLoS ONE</i> , 2018 , 13, e0209785 | 3.7 | 15 |
| 20 | Complete Genome Sequence of a Colistin-Resistant Strain Harboring on an IncHI2 Plasmid in the United States. <i>Genome Announcements</i> , 2017 , 5, | | 14 |
| 19 | Identification of a novel clone, ST736, among Enterococcus faecium clinical isolates and its association with daptomycin nonsusceptibility. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 4848-54 | 5.9 | 13 |
| 18 | The Lyme Disease Biobank: Characterization of 550 Patient and Control Samples from the East Coast and Upper Midwest of the United States. <i>Journal of Clinical Microbiology</i> , 2020 , 58, | 9.7 | 10 |
| 17 | Direct detection methods for Lyme Borrelia, including the use of quantitative assays. <i>Vector-Borne and Zoonotic Diseases</i> , 2002 , 2, 223-31 | 2.4 | 10 |
| 16 | Complete Genome Sequences of Nine Enterovirus D68 Strains from Patients of the Lower Hudson Valley, New York, 2016. <i>Genome Announcements</i> , 2016 , 4, | | 8 |
| 15 | Failure of topical antibiotics to prevent disseminated Borrelia burgdorferi infection following a tick bite in C3H/HeJ mice. <i>Journal of Infectious Diseases</i> , 2012 , 205, 991-4 | 7 | 7 |
| 14 | Biennial Upsurge and Molecular Epidemiology of Enterovirus D68 Infection in New York, USA, 2014 to 2018. <i>Journal of Clinical Microbiology</i> , 2020 , 58, | 9.7 | 6 |
| 13 | Assessing next-generation sequencing and 4 bioinformatics tools for detection of Enterovirus D68 and other respiratory viruses in clinical samples. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016 , 85, 26-9 | 2.9 | 6 |
| 12 | Optimizing a Metatranscriptomic Next-Generation Sequencing Protocol for Bronchoalveolar Lavage Diagnostics. <i>Journal of Molecular Diagnostics</i> , 2019 , 21, 251-261 | 5.1 | 6 |

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| 11 | Borrelia burgdorferi and Other Borrelia Species 2015 , 1867-1909 | | 4 |
| 10 | Use of a Perianal Swab Compared With a Stool Sample to Detect Symptomatic Clostridium difficile Infection. <i>Infection Control and Hospital Epidemiology</i> , 2017 , 38, 658-662 | 2 | 3 |
| 9 | Complete Genome Sequences of Four Toxigenic Clinical Isolates from Patients of the Lower Hudson Valley, New York, USA. <i>Genome Announcements</i> , 2018 , 6, | | 3 |
| 8 | Identification of spp. from Cardiac Tissue by 16S rRNA PCR in a Patient with Culture-Negative Device-Associated Endocarditis: A Case Report and Review of the Literature. <i>Case Reports in Infectious Diseases</i> , 2016 , 2016, 8935052 | 0.9 | 3 |
| 7 | Integrated Genome-Wide Analysis of an Isogenic Pair of Clinical Isolates with Differential Antimicrobial Resistance to Ceftolozane/Tazobactam, Ceftazidime/Avibactam, and Piperacillin/Tazobactam. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 2 |
| 6 | Borrelia 2015 , 1-21 | | 2 |
| 5 | Comparison of the Severity of Respiratory Disease in Children Testing Positive for Enterovirus D68 and Human Rhinovirus. <i>Journal of Pediatrics</i> , 2018 , 197, 147-153.e1 | 3.6 | 1 |
| 4 | Optimizing a Whole-Genome Sequencing Data Processing Pipeline for Precision Surveillance of Health Care-Associated Infections. <i>Microorganisms</i> , 2019 , 7, | 4.9 | 1 |
| 3 | The Role of Culture and Nucleic Acid Amplification in Diagnosis of Lyme Borreliosis 2011 , 159-183 | | 1 |
| 2 | A Novel, High-Sensitivity, Quantitative Hepatitis C Virus Assay. <i>American Journal of Clinical Pathology</i> , 2015 , 144, A223-A223 | 1.9 | |
| 1 | Precision Infection Prevention (PIP) as a New Standard of Practice Within Longitudinal Infection Prevention and Surveillance. <i>Infection Control and Hospital Epidemiology</i> , 2020 , 41, s449-s450 | 2 | |