Guiqing Wang

List of Publications by Year in Descending Order

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	Biennial Upsurge and Molecular Epidemiology of Enterovirus D68 Infection in New York, USA, 2014 to 2018. *Journal of Clinical Microbiology*, **2020**, 58,	9.7	6
45	The Lyme Disease Biobank: Characterization of 550 Patient and Control Samples from the East Coast and Upper Midwest of the United States. *Journal of Clinical Microbiology*, **2020**, 58,	9.7	10
44	Integrated Genome-Wide Analysis of an Isogenic Pair of Clinical Isolates with Differential Antimicrobial Resistance to Ceftolozane/Tazobactam, Ceftazidime/Avibactam, and Piperacillin/Tazobactam. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
43	Precision Infection Prevention (PIP) as a New Standard of Practice Within Longitudinal Infection Prevention and Surveillance. *Infection Control and Hospital Epidemiology*, **2020**, 41, s449-s450	2	
42	Co-infections in Persons with Early Lyme Disease, New York, USA. *Emerging Infectious Diseases*, **2019**, 25, 748-752	10.2	19
41	Optimizing a Whole-Genome Sequencing Data Processing Pipeline for Precision Surveillance of Health Care-Associated Infections. *Microorganisms*, **2019**, 7,	4.9	1
40	531. Practical and Evidence-Based Considerations for Implementation of Bacterial Whole-Genome Sequencing Within Longitudinal Infection Control Practice. *Open Forum Infectious Diseases*, **2019**, 6, S255-S255	1	78
39	Optimizing a Metatranscriptomic Next-Generation Sequencing Protocol for Bronchoalveolar Lavage Diagnostics. *Journal of Molecular Diagnostics*, **2019**, 21, 251-261	5.1	6
38	Congenital Babesiosis After Maternal Infection With Borrelia burgdorferi and Babesia microti. *Journal of the Pediatric Infectious Diseases Society*, **2018**, 7, e1-e5	4.8	18
37	Comparison of the Severity of Respiratory Disease in Children Testing Positive for Enterovirus D68 and Human Rhinovirus. *Journal of Pediatrics*, **2018**, 197, 147-153.e1	3.6	1
36	Complete Genome Sequences of Four Toxigenic Clinical Isolates from Patients of the Lower Hudson Valley, New York, USA. *Genome Announcements*, **2018**, 6,		3
35	1248. Genomic Sequencing and Clinical Data Integration for Next-Generation Infection Prevention. *Open Forum Infectious Diseases*, **2018**, 5, S379-S380	1	78
34	Evolution and mutations predisposing to daptomycin resistance in vancomycin-resistant Enterococcus faecium ST736 strains. *PLoS ONE*, **2018**, 13, e0209785	3.7	15
33	Enterovirus D68 Subclade B3 Strain Circulating and Causing an Outbreak in the United States in 2016. *Scientific Reports*, **2017**, 7, 1242	4.9	44
32	Emergence and Evolution of Multidrug-Resistant Klebsiella pneumoniae with both and Integrated in the Chromosome. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	35
31	Use of a Perianal Swab Compared With a Stool Sample to Detect Symptomatic Clostridium difficile Infection. *Infection Control and Hospital Epidemiology*, **2017**, 38, 658-662	2	3
30	Complete Genome Sequence of a Colistin-Resistant Strain Harboring on an IncHI2 Plasmid in the United States. *Genome Announcements*, **2017**, 5,		14

29	Insights into Borrelia miyamotoi infection from an untreated case demonstrating relapsing fever, monocytosis and a positive C6 Lyme serology. *Diagnostic Microbiology and Infectious Disease*, **2016**, 86, 93-6	2.9	27
28	Assessing next-generation sequencing and 4 bioinformatics tools for detection of Enterovirus D68 and other respiratory viruses in clinical samples. *Diagnostic Microbiology and Infectious Disease*, **2016**, 85, 26-9	2.9	6
27	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. *Case Reports in Infectious Diseases*, **2016**, 2016, 8935052	0.9	3
26	Complete Genome Sequences of Nine Enterovirus D68 Strains from Patients of the Lower Hudson Valley, New York, 2016. *Genome Announcements*, **2016**, 4,		8
25	Neutropenia in Congenital and Adult Babesiosis. *American Journal of Clinical Pathology*, **2015**, 144, 94-6	1.9	15
24	Comparison of a quantitative PCR assay with peripheral blood smear examination for detection and quantitation of Babesia microti infection in humans. *Diagnostic Microbiology and Infectious Disease*, **2015**, 82, 109-13	2.9	29
23	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. *Journal of Clinical Microbiology*, **2015**, 53, 1915-20	9.7	22
22	Borrelia burgdorferi and Other Borrelia Species **2015**, 1867-1909		4
21	Borrelia **2015**, 1-21		2
20	Whole-Genome Sequence Analysis Reveals the Enterovirus D68 Isolates during the United States 2014 Outbreak Mainly Belong to a Novel Clade. *Scientific Reports*, **2015**, 5, 15223	4.9	38
19	Utilization of a real-time PCR assay for diagnosis of Babesia microti infection in clinical practice. *Ticks and Tick-borne Diseases*, **2015**, 6, 376-82	3.6	34
18	A Novel, High-Sensitivity, Quantitative Hepatitis C Virus Assay. *American Journal of Clinical Pathology*, **2015**, 144, A223-A223	1.9	
17	Molecular Typing of Borrelia burgdorferi. *Current Protocols in Microbiology*, **2014**, 34, 12C.5.1-31	7.1	31
16	Identification of a novel clone, ST736, among Enterococcus faecium clinical isolates and its association with daptomycin nonsusceptibility. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 4848-54	5.9	13
15	CTX-M β-lactamase-producing Klebsiella pneumoniae in suburban New York City, New York, USA. *Emerging Infectious Diseases*, **2013**, 19, 1803-10	10.2	35
14	Failure of topical antibiotics to prevent disseminated Borrelia burgdorferi infection following a tick bite in C3H/HeJ mice. *Journal of Infectious Diseases*, **2012**, 205, 991-4	7	7
13	The Role of Culture and Nucleic Acid Amplification in Diagnosis of Lyme Borreliosis **2011**, 159-183		1
12	Pattern of proinflammatory cytokine induction in RAW264.7 mouse macrophages is identical for virulent and attenuated Borrelia burgdorferi. *Journal of Immunology*, **2008**, 180, 8306-15	5.3	19

11	Diagnosis of lyme borreliosis. *Clinical Microbiology Reviews*, **2005**, 18, 484-509	34	486
10	Variations in Barbour-Stoenner-Kelly culture medium modulate infectivity and pathogenicity of Borrelia burgdorferi clinical isolates. *Infection and Immunity*, **2004**, 72, 6702-6	3.7	37
9	Impaired host defense to infection and Toll-like receptor 2-independent killing of Borrelia burgdorferi clinical isolates in TLR2-deficient C3H/HeJ mice. *FEMS Microbiology Letters*, **2004**, 231, 219-25	2.9	50
8	Real-time PCR for simultaneous detection and quantification of Borrelia burgdorferi in field-collected Ixodes scapularis ticks from the Northeastern United States. *Applied and Environmental Microbiology*, **2003**, 69, 4561-5	4.8	50
7	Quantitative detection of Borrelia burgdorferi in 2-millimeter skin samples of erythema migrans lesions: correlation of results with clinical and laboratory findings. *Journal of Clinical Microbiology*, **2002**, 40, 1249-53	9.7	74
6	Disease severity in a murine model of lyme borreliosis is associated with the genotype of the infecting Borrelia burgdorferi sensu stricto strain. *Journal of Infectious Diseases*, **2002**, 186, 782-91	7	123
5	Direct detection methods for Lyme Borrelia, including the use of quantitative assays. *Vector-Borne and Zoonotic Diseases*, **2002**, 2, 223-31	2.4	10
4	Analysis of a VMP-like sequence (vls) locus in Borrelia garinii and Vls homologues among four Borrelia burgdorferi sensu lato species. *FEMS Microbiology Letters*, **2001**, 199, 39-45	2.9	23
3	Impact of genotypic variation of Borrelia burgdorferi sensu stricto on kinetics of dissemination and severity of disease in C3H/HeJ mice. *Infection and Immunity*, **2001**, 69, 4303-12	3.7	107
2	Molecular typing of Borrelia burgdorferi sensu lato: taxonomic, epidemiological, and clinical implications. *Clinical Microbiology Reviews*, **1999**, 12, 633-53	34	333
1	Phenotypic and genetic characterization of a novel Borrelia burgdorferi sensu lato isolate from a patient with lyme borreliosis. *Journal of Clinical Microbiology*, **1999**, 37, 3025-8	9.7	79