Qiuhong Wang

List of Publications by Citations

69 papers	3,092 citations	28 h-index	55 g-index
77 ext. papers	3,856 ext. citations	5.7 avg, IF	5.61 L-index

#	Paper	IF	Citations
69	Updated classification of norovirus genogroups and genotypes. *Journal of General Virology*, **2019**, 100, 1393-1406	4.9	276
68	Distinct characteristics and complex evolution of PEDV strains, North America, May 2013-February 2014. *Emerging Infectious Diseases*, **2014**, 20, 1620-8	10.2	216
67	Comprehensive review of human sapoviruses. *Clinical Microbiology Reviews*, **2015**, 28, 32-53	34	198
66	SARS-CoV-2 is an appropriate name for the new coronavirus. *Lancet, The*, **2020**, 395, 949-950	40	186
65	Emerging and re-emerging coronaviruses in pigs. *Current Opinion in Virology*, **2019**, 34, 39-49	7.5	153
64	Pathology of US porcine epidemic diarrhea virus strain PC21A in gnotobiotic pigs. *Emerging Infectious Diseases*, **2014**, 20, 662-5	10.2	149
63	Evolution, antigenicity and pathogenicity of global porcine epidemic diarrhea virus strains. *Virus Research*, **2016**, 226, 20-39	6.4	130
62	Isolation and characterization of porcine deltacoronavirus from pigs with diarrhea in the United States. *Journal of Clinical Microbiology*, **2015**, 53, 1537-48	9.7	129
61	Comprehensive comparison of cultivable norovirus surrogates in response to different inactivation and disinfection treatments. *Applied and Environmental Microbiology*, **2014**, 80, 5743-51	4.8	128
60	Cell culture isolation and sequence analysis of genetically diverse US porcine epidemic diarrhea virus strains including a novel strain with a large deletion in the spike gene. *Veterinary Microbiology*, **2014**, 173, 258-69	3.3	125
59	Antigenic relationships among porcine epidemic diarrhea virus and transmissible gastroenteritis virus strains. *Journal of Virology*, **2015**, 89, 3332-42	6.6	80
58	Porcine epidemic diarrhea virus (PEDV): An update on etiology, transmission, pathogenesis, and prevention and control. *Virus Research*, **2020**, 286, 198045	6.4	63
57	Experimental infection of a US spike-insertion deletion porcine epidemic diarrhea virus in conventional nursing piglets and cross-protection to the original US PEDV infection. *Veterinary Research*, **2015**, 46, 134	3.8	60
56	Characterization of a Pathogenic Full-Length cDNA Clone and Transmission Model for Porcine Epidemic Diarrhea Virus Strain PC22A. *MBio*, **2016**, 7, e01451-15	7.8	57
55	Binding of human GII.4 norovirus virus-like particles to carbohydrates of romaine lettuce leaf cell wall materials. *Applied and Environmental Microbiology*, **2012**, 78, 786-94	4.8	57
54	The effects of simvastatin or interferon-□n infectivity of human norovirus using a gnotobiotic pig model for the study of antivirals. *PLoS ONE*, **2012**, 7, e41619	3.7	57
53	Characterization of emerging GII.g/GII.12 noroviruses from a gastroenteritis outbreak in the United States in 2010. *Journal of Clinical Microbiology*, **2011**, 49, 3234-44	9.7	53

52	Discovery and genomic characterization of noroviruses from a gastroenteritis outbreak in domestic cats in the US. *PLoS ONE*, **2012**, 7, e32739	3.7	51
51	Deletion of a 197-Amino-Acid Region in the N-Terminal Domain of Spike Protein Attenuates Porcine Epidemic Diarrhea Virus in Piglets. *Journal of Virology*, **2017**, 91,	6.6	50
50	Genetic Characterization and Classification of Human and Animal Sapoviruses. *PLoS ONE*, **2016**, 11, e0156373	3.7	49
49	Genomic and evolutionary inferences between American and global strains of porcine epidemic diarrhea virus. *Preventive Veterinary Medicine*, **2016**, 123, 175-184	3.1	48
48	Failure of propagation of human norovirus in intestinal epithelial cells with microvilli grown in three-dimensional cultures. *Archives of Virology*, **2014**, 159, 257-66	2.6	47
47	Stability of and attachment to lettuce by a culturable porcine sapovirus surrogate for human caliciviruses. *Applied and Environmental Microbiology*, **2012**, 78, 3932-40	4.8	43
46	Determination of the infectious titer and virulence of an original US porcine epidemic diarrhea virus PC22A strain. *Veterinary Research*, **2015**, 46, 109	3.8	38
45	Molecular detection and genetic characterization of kobuviruses and astroviruses in asymptomatic local pigs in East Africa. *Archives of Virology*, **2014**, 159, 1313-9	2.6	32
44	Effects of disinfection on the molecular detection of porcine epidemic diarrhea virus. *Veterinary Microbiology*, **2015**, 179, 213-8	3.3	31
43	Attenuation of an original US porcine epidemic diarrhea virus strain PC22A via serial cell culture passage. *Veterinary Microbiology*, **2017**, 201, 62-71	3.3	30
42	The involvement of Fas/FasL interaction in porcine circovirus type 2 and porcine reproductive and respiratory syndrome virus co-inoculation-associated lymphocyte apoptosis in vitro. *Veterinary Microbiology*, **2007**, 122, 72-82	3.3	29
41	Attempts to grow human noroviruses, a sapovirus, and a bovine norovirus in vitro. *PLoS ONE*, **2018**, 13, e0178157	3.7	28
40	Immunogenicity of recombinant GP5 protein of porcine reproductive and respiratory syndrome virus expressed in tobacco plant. *Veterinary Immunology and Immunopathology*, **2010**, 135, 234-42	2	28
39	Occurrence of human enteric viruses at freshwater beaches during swimming season and its link to water inflow. *Science of the Total Environment*, **2014**, 472, 757-66	10.2	27
38	Prevalence and molecular characterization of porcine enteric caliciviruses and first detection of porcine kobuviruses in US swine. *Archives of Virology*, **2013**, 158, 1583-8	2.6	27
37	Deletion of both the Tyrosine-Based Endocytosis Signal and the Endoplasmic Reticulum Retrieval Signal in the Cytoplasmic Tail of Spike Protein Attenuates Porcine Epidemic Diarrhea Virus in Pigs. *Journal of Virology*, **2019**, 93,	6.6	27
36	Development of a one-step RT-PCR assay for detection of pancoronaviruses (□□□ and □coronaviruses) using newly designed degenerate primers for porcine and avian □fecal samples. *Journal of Virological Methods*, **2018**, 256, 116-122	2.6	25
35	Pathogenesis of GIII.2 bovine norovirus, CV186-OH/00/US strain in gnotobiotic calves. *Veterinary Microbiology*, **2014**, 168, 202-7	3.3	22

34	Porcine circovirus type 2 (PCV2) infection decreases the efficacy of an attenuated classical swine fever virus (CSFV) vaccine. *Veterinary Research*, **2011**, 42, 115	3.8	22
33	The immunogenicity of DNA constructs co-expressing GP5 and M proteins of porcine reproductive and respiratory syndrome virus conjugated by GPGP linker in pigs. *Veterinary Microbiology*, **2010**, 146, 189-99	3.3	21
32	Antiviral effect of theaflavins against caliciviruses. *Journal of Antibiotics*, **2017**, 70, 443-447	3.7	20
31	Recognition of Histo-Blood Group Antigen-Like Carbohydrates in Lettuce by Human GII.4 Norovirus. *Applied and Environmental Microbiology*, **2016**, 82, 2966-74	4.8	20
30	Engineering a Live Attenuated Porcine Epidemic Diarrhea Virus Vaccine Candidate via Inactivation of the Viral 2Ƶ-Methyltransferase and the Endocytosis Signal of the Spike Protein. *Journal of Virology*, **2019**, 93,	6.6	18
29	New variants of porcine epidemic diarrhea virus with large deletions in the spike protein, identified in the United States, 2016-2017. *Archives of Virology*, **2018**, 163, 2485-2489	2.6	16
28	Emerging Highly Virulent Porcine Epidemic Diarrhea Virus: Molecular Mechanisms of Attenuation and Rational Design of Live Attenuated Vaccines. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	15
27	Feline Calicivirus, Murine Norovirus, Porcine Sapovirus, and Tulane Virus Survival on Postharvest Lettuce. *Applied and Environmental Microbiology*, **2015**, 81, 5085-92	4.8	15
26	Host Factors Affecting Generation of Immunity Against Porcine Epidemic Diarrhea Virus in Pregnant and Lactating Swine and Passive Protection of Neonates. *Pathogens*, **2020**, 9,	4.5	14
25	Pathogenicity and immunogenicity of attenuated porcine epidemic diarrhea virus PC22A strain in conventional weaned pigs. *BMC Veterinary Research*, **2019**, 15, 26	2.7	14
24	GTPase-activating protein-binding protein 1 (G3BP1) plays an antiviral role against porcine epidemic diarrhea virus. *Veterinary Microbiology*, **2019**, 236, 108392	3.3	13
23	Cross protective immune responses in nursing piglets infected with a US spike-insertion deletion porcine epidemic diarrhea virus strain and challenged with an original US PEDV strain. *Veterinary Research*, **2017**, 48, 61	3.8	13
22	Abiotic Stress and Phyllosphere Bacteria Influence the Survival of Human Norovirus and Its Surrogates on Preharvest Leafy Greens. *Applied and Environmental Microbiology*, **2016**, 82, 352-63	4.8	12
21	Naturally Occurring Animal Coronaviruses as Models for Studying Highly Pathogenic Human Coronaviral Disease. *Veterinary Pathology*, **2021**, 58, 438-452	2.8	12
20	Characterization of porcine circovirus type 2 (PCV2) infection in swine lymphocytes using mitogen-stimulated peripheral blood lymphocytes from healthy PCV2-carrier pigs. *Veterinary Immunology and Immunopathology*, **2008**, 124, 355-66	2	11
19	Integrating bacterial and viral water quality assessment to predict swimming-associated illness at a freshwater beach: a cohort study. *PLoS ONE*, **2014**, 9, e112029	3.7	11
18	Reverse transcription-PCR assays for the differentiation of various US porcine epidemic diarrhea virus strains. *Journal of Virological Methods*, **2016**, 234, 137-41	2.6	10
17	The enhanced replication of an S-intact PEDV during coinfection with an S1 NTD-del PEDV in piglets. *Veterinary Microbiology*, **2019**, 228, 202-212	3.3	10

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16	Mechanism of Cell Culture Adaptation of an Enteric Calicivirus, the Porcine Sapovirus Cowden Strain. *Journal of Virology*, **2016**, 90, 1345-58	6.6	9
15	Human sapovirus propagation in human cell lines supplemented with bile acids. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 32078-32085	11.5	8
14	Tissue Distribution and Visualization of Internalized Human Norovirus in Leafy Greens. *Applied and Environmental Microbiology*, **2018**, 84,	4.8	7
13	Deltacoronavirus Evolution and Transmission: Current Scenario and Evolutionary Perspectives. *Frontiers in Veterinary Science*, **2020**, 7, 626785	3.1	7
12	Human Norovirus Histo-Blood Group Antigen (HBGA) Binding Sites Mediate the Virus Specific Interactions with Lettuce Carbohydrates. *Viruses*, **2019**, 11,	6.2	6
11	Bile acids LCA and CDCA inhibited porcine deltacoronavirus replication in vitro. *Veterinary Microbiology*, **2021**, 257, 109097	3.3	6
10	Genomic characterization of a US porcine kobuvirus strain. *Archives of Microbiology*, **2015**, 197, 1033-40	3	5
9	Postharvest Survival of Porcine Sapovirus, a Human Norovirus Surrogate, on Phytopathogen-Infected Leafy Greens. *Journal of Food Protection*, **2015**, 78, 1472-80	2.5	5
8	Chimeric Porcine Deltacoronaviruses with Sparrow Coronavirus Spike Protein or the Receptor-Binding Domain Infect Pigs but Lose Virulence and Intestinal Tropism. *Viruses*, **2021**, 13,	6.2	5
7	Porcine sapoviruses: Pathogenesis, epidemiology, genetic diversity, and diagnosis. *Virus Research*, **2020**, 286, 198025	6.4	3
6	Porcine Deltacoronaviruses: Origin, Evolution, Cross-Species Transmission and Zoonotic Potential.. *Pathogens*, **2022**, 11,	4.5	2
5	Roles of bile acids in enteric virus replication. *Animal Diseases*, **2021**, 1, 2		2
4	Mutations in Porcine Epidemic Diarrhea Virus nsp1 Cause Increased Viral Sensitivity to Host Interferon Responses and Attenuation .. *Journal of Virology*, **2022**, e0046922	6.6	0
3	Characterization of the Cross-Species Transmission Potential for Porcine Deltacoronaviruses Expressing Sparrow Coronavirus Spike Protein in Commercial Poultry. *Viruses*, **2022**, 14, 1225	6.2	0
2	Intracoelomic Teratoma in an Eclectus Parrot () **2021**, 35, 217-226		
1	Parvoviral enteritis and salmonellosis in raccoons with sudden death. *Journal of Veterinary Diagnostic Investigation*, **2021**, 33, 1172-1175	1.5	