

Qihong Wang

List of Publications by Year in descending order

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72
papers

4,547
citations

147801

31
h-index

106344

65
g-index

77
all docs

77
docs citations

77
times ranked

3963
citing authors

#	ARTICLE	IF	CITATIONS
1	Updated classification of norovirus genogroups and genotypes. <i>Journal of General Virology</i> , 2019, 100, 1393-1406.	2.9	535
2	Emerging and re-emerging coronaviruses in pigs. <i>Current Opinion in Virology</i> , 2019, 34, 39-49.	5.4	276
3	Comprehensive Review of Human Sapoviruses. <i>Clinical Microbiology Reviews</i> , 2015, 28, 32-53.	13.6	271
4	Distinct Characteristics and Complex Evolution of PEDV Strains, North America, May 2013–February 2014. <i>Emerging Infectious Diseases</i> , 2014, 20, 1620-8.	4.3	268
5	SARS-CoV-2 is an appropriate name for the new coronavirus. <i>Lancet, The</i> , 2020, 395, 949-950.	13.7	264
6	Porcine epidemic diarrhea virus (PEDV): An update on etiology, transmission, pathogenesis, and prevention and control. <i>Virus Research</i> , 2020, 286, 198045.	2.2	200
7	Evolution, antigenicity and pathogenicity of global porcine epidemic diarrhea virus strains. <i>Virus Research</i> , 2016, 226, 20-39.	2.2	193
8	Pathology of US Porcine Epidemic Diarrhea Virus Strain PC21A in Gnotobiotic Pigs. <i>Emerging Infectious Diseases</i> , 2014, 20, 668-671.	4.3	177
9	Isolation and Characterization of Porcine Deltacoronavirus from Pigs with Diarrhea in the United States. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1537-1548.	3.9	165
10	Comprehensive Comparison of Cultivable Norovirus Surrogates in Response to Different Inactivation and Disinfection Treatments. <i>Applied and Environmental Microbiology</i> , 2014, 80, 5743-5751.	3.1	164
11	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. <i>Veterinary Microbiology</i> , 2014, 173, 258-269.	1.9	150
12	Antigenic Relationships among Porcine Epidemic Diarrhea Virus and Transmissible Gastroenteritis Virus Strains. <i>Journal of Virology</i> , 2015, 89, 3332-3342.	3.4	96
13	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. <i>Veterinary Research</i> , 2015, 46, 134.	3.0	76
14	Characterization of a Pathogenic Full-Length cDNA Clone and Transmission Model for Porcine Epidemic Diarrhea Virus Strain PC22A. <i>MBio</i> , 2016, 7, e01451-15.	4.1	75
15	Genetic Characterization and Classification of Human and Animal Sapoviruses. <i>PLoS ONE</i> , 2016, 11, e0156373.	2.5	71
16	Deletion of a 197-Amino-Acid Region in the N-Terminal Domain of Spike Protein Attenuates Porcine Epidemic Diarrhea Virus in Piglets. <i>Journal of Virology</i> , 2017, 91, .	3.4	68
17	The Effects of Simvastatin or Interferon- β on Infectivity of Human Norovirus Using a Gnotobiotic Pig Model for the Study of Antivirals. <i>PLoS ONE</i> , 2012, 7, e41619.	2.5	65
18	Binding of Human GII.4 Norovirus Virus-Like Particles to Carbohydrates of Romaine Lettuce Leaf Cell Wall Materials. <i>Applied and Environmental Microbiology</i> , 2012, 78, 786-794.	3.1	62

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19	Genomic and evolutionary inferences between American and global strains of porcine epidemic diarrhea virus. <i>Preventive Veterinary Medicine</i> , 2016, 123, 175-184.	1.9	60
20	Characterization of Emerging GII.g/GII.12 Noroviruses from a Gastroenteritis Outbreak in the United States in 2010. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3234-3244.	3.9	56
21	Discovery and Genomic Characterization of Noroviruses from a Gastroenteritis Outbreak in Domestic Cats in the US. <i>PLoS ONE</i> , 2012, 7, e32739.	2.5	56
22	Failure of propagation of human norovirus in intestinal epithelial cells with microvilli grown in three-dimensional cultures. <i>Archives of Virology</i> , 2014, 159, 257-266.	2.1	54
23	Determination of the infectious titer and virulence of an original US porcine epidemic diarrhea virus PC22A strain. <i>Veterinary Research</i> , 2015, 46, 109.	3.0	49
24	Stability of and Attachment to Lettuce by a Culturable Porcine Sapovirus Surrogate for Human Caliciviruses. <i>Applied and Environmental Microbiology</i> , 2012, 78, 3932-3940.	3.1	45
25	Attenuation of an original US porcine epidemic diarrhea virus strain PC22A via serial cell culture passage. <i>Veterinary Microbiology</i> , 2017, 201, 62-71.	1.9	44
26	Development of a one-step RT-PCR assay for detection of pancoronaviruses ($\hat{1}$, $\hat{2}$, $\hat{3}$, and $\hat{4}$ -coronaviruses) using newly designed degenerate primers for porcine and avian fecal samples. <i>Journal of Virological Methods</i> , 2018, 256, 116-122.	2.1	41
27	Attempts to grow human noroviruses, a sapovirus, and a bovine norovirus in vitro. <i>PLoS ONE</i> , 2018, 13, e0178157.	2.5	41
28	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. <i>Journal of Virology</i> , 2019, 93, .	3.4	40
29	Molecular detection and genetic characterization of kobuviruses and astroviruses in asymptomatic local pigs in East Africa. <i>Archives of Virology</i> , 2014, 159, 1313-1319.	2.1	37
30	Effects of disinfection on the molecular detection of porcine epidemic diarrhea virus. <i>Veterinary Microbiology</i> , 2015, 179, 213-218.	1.9	35
31	Engineering a Live Attenuated Porcine Epidemic Diarrhea Virus Vaccine Candidate via Inactivation of the Viral 2'-5'-Methyltransferase and the Endocytosis Signal of the Spike Protein. <i>Journal of Virology</i> , 2019, 93, .	3.4	35
32	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. <i>Veterinary Microbiology</i> , 2007, 122, 72-82.	1.9	33
33	Emerging Highly Virulent Porcine Epidemic Diarrhea Virus: Molecular Mechanisms of Attenuation and Rational Design of Live Attenuated Vaccines. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5478.	4.1	33
34	Porcine circovirus type 2 (PCV2) infection decreases the efficacy of an attenuated classical swine fever virus (CSFV) vaccine. <i>Veterinary Research</i> , 2011, 42, 115.	3.0	32
35	Immunogenicity of recombinant GP5 protein of porcine reproductive and respiratory syndrome virus expressed in tobacco plant. <i>Veterinary Immunology and Immunopathology</i> , 2010, 135, 234-242.	1.2	31
36	Prevalence and molecular characterization of porcine enteric caliciviruses and first detection of porcine kobuviruses in US swine. <i>Archives of Virology</i> , 2013, 158, 1583-1588.	2.1	31

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37	Occurrence of human enteric viruses at freshwater beaches during swimming season and its link to water inflow. <i>Science of the Total Environment</i> , 2014, 472, 757-766.	8.0	30
38	Recognition of Histo-Blood Group Antigen-Like Carbohydrates in Lettuce by Human GII.4 Norovirus. <i>Applied and Environmental Microbiology</i> , 2016, 82, 2966-2974.	3.1	30
39	Pathogenicity and immunogenicity of attenuated porcine epidemic diarrhea virus PC22A strain in conventional weaned pigs. <i>BMC Veterinary Research</i> , 2019, 15, 26.	1.9	30
40	Naturally Occurring Animal Coronaviruses as Models for Studying Highly Pathogenic Human Coronaviral Disease. <i>Veterinary Pathology</i> , 2021, 58, 438-452.	1.7	30
41	The immunogenicity of DNA constructs co-expressing GP5 and M proteins of porcine reproductive and respiratory syndrome virus conjugated by GPGP linker in pigs. <i>Veterinary Microbiology</i> , 2010, 146, 189-199.	1.9	29
42	Host Factors Affecting Generation of Immunity Against Porcine Epidemic Diarrhea Virus in Pregnant and Lactating Swine and Passive Protection of Neonates. <i>Pathogens</i> , 2020, 9, 130.	2.8	28
43	Pathogenesis of GIII.2 bovine norovirus, CV186-OH/00/US strain in gnotobiotic calves. <i>Veterinary Microbiology</i> , 2014, 168, 202-207.	1.9	27
44	Antiviral effect of theaflavins against caliciviruses. <i>Journal of Antibiotics</i> , 2017, 70, 443-447.	2.0	25
45	GTPase-activating protein-binding protein 1 (G3BP1) plays an antiviral role against porcine epidemic diarrhea virus. <i>Veterinary Microbiology</i> , 2019, 236, 108392.	1.9	24
46	Porcine Deltacoronaviruses: Origin, Evolution, Cross-Species Transmission and Zoonotic Potential. <i>Pathogens</i> , 2022, 11, 79.	2.8	23
47	Feline Calicivirus, Murine Norovirus, Porcine Sapovirus, and Tulane Virus Survival on Postharvest Lettuce. <i>Applied and Environmental Microbiology</i> , 2015, 81, 5085-5092.	3.1	22
48	Human sapovirus propagation in human cell lines supplemented with bile acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32078-32085.	7.1	22
49	New variants of porcine epidemic diarrhea virus with large deletions in the spike protein, identified in the United States, 2016-2017. <i>Archives of Virology</i> , 2018, 163, 2485-2489.	2.1	21
50	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. <i>Veterinary Research</i> , 2017, 48, 61.	3.0	20
51	Deltacoronavirus Evolution and Transmission: Current Scenario and Evolutionary Perspectives. <i>Frontiers in Veterinary Science</i> , 2020, 7, 626785.	2.2	19
52	Bile acids LCA and CDCA inhibited porcine deltacoronavirus replication in vitro. <i>Veterinary Microbiology</i> , 2021, 257, 109097.	1.9	19
53	Abiotic Stress and Phyllosphere Bacteria Influence the Survival of Human Norovirus and Its Surrogates on Preharvest Leafy Greens. <i>Applied and Environmental Microbiology</i> , 2016, 82, 352-363.	3.1	17
54	The enhanced replication of an S-intact PEDV during coinfection with an S1 NTD-del PEDV in piglets. <i>Veterinary Microbiology</i> , 2019, 228, 202-212.	1.9	17

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55	SARS-CoV-2, SARS-CoV, and MERS-CoV encode circular RNAs of spliceosome-independent origin. <i>Journal of Medical Virology</i> , 2022, 94, 3203-3222.	5.0	17
56	Porcine sapoviruses: Pathogenesis, epidemiology, genetic diversity, and diagnosis. <i>Virus Research</i> , 2020, 286, 198025.	2.2	15
57	Mechanism of Cell Culture Adaptation of an Enteric Calicivirus, the Porcine Sapovirus Cowden Strain. <i>Journal of Virology</i> , 2016, 90, 1345-1358.	3.4	14
58	Characterization of porcine circovirus type 2 (PCV2) infection in swine lymphocytes using mitogen-stimulated peripheral blood lymphocytes from healthy PCV2-carrier pigs. <i>Veterinary Immunology and Immunopathology</i> , 2008, 124, 355-366.	1.2	13
59	Reverse transcription-PCR assays for the differentiation of various US porcine epidemic diarrhea virus strains. <i>Journal of Virological Methods</i> , 2016, 234, 137-141.	2.1	12
60	Tissue Distribution and Visualization of Internalized Human Norovirus in Leafy Greens. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	12
61	Human Norovirus Histo-Blood Group Antigen (HBGA) Binding Sites Mediate the Virus Specific Interactions with Lettuce Carbohydrates. <i>Viruses</i> , 2019, 11, 833.	3.3	12
62	Integrating Bacterial and Viral Water Quality Assessment to Predict Swimming-Associated Illness at a Freshwater Beach: A Cohort Study. <i>PLoS ONE</i> , 2014, 9, e112029.	2.5	12
63	Prevention and Control of Porcine Epidemic Diarrhea: The Development of Recombination-Resistant Live Attenuated Vaccines. <i>Viruses</i> , 2022, 14, 1317.	3.3	12
64	Chimeric Porcine Deltacoronaviruses with Sparrow Coronavirus Spike Protein or the Receptor-Binding Domain Infect Pigs but Lose Virulence and Intestinal Tropism. <i>Viruses</i> , 2021, 13, 122.	3.3	10
65	Postharvest Survival of Porcine Sapovirus, a Human Norovirus Surrogate, on Phytopathogen-Infected Leafy Greens. <i>Journal of Food Protection</i> , 2015, 78, 1472-1480.	1.7	8
66	Roles of bile acids in enteric virus replication. <i>Animal Diseases</i> , 2021, 1, 2.	1.4	8
67	Mutations in Porcine Epidemic Diarrhea Virus nsp1 Cause Increased Viral Sensitivity to Host Interferon Responses and Attenuation <i>In Vivo</i> . <i>Journal of Virology</i> , 2022, 96, e0046922.	3.4	8
68	Genomic characterization of a US porcine kobuvirus strain. <i>Archives of Microbiology</i> , 2015, 197, 1033-1040.	2.2	7
69	Bovine rhinitis B virus is highly prevalent in acute bovine respiratory disease and causes upper respiratory tract infection in calves. <i>Journal of General Virology</i> , 2022, 103, .	2.9	5
70	Characterization of the Cross-Species Transmission Potential for Porcine Deltacoronaviruses Expressing Sparrow Coronavirus Spike Protein in Commercial Poultry. <i>Viruses</i> , 2022, 14, 1225.	3.3	2
71	Intracoelomic Teratoma in an Eclectus Parrot (<i>Eclectus roratus</i>). , 2021, 35, 217-226.		0
72	Parvoviral enteritis and salmonellosis in raccoons with sudden death. <i>Journal of Veterinary Diagnostic Investigation</i> , 2021, 33, 104063872110387.	1.1	0