

Zuzhang Wei

List of Publications by Year in descending order

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47
papers

878
citations

471371
17
h-index

501076
28
g-index

48
all docs

48
docs citations

48
times ranked

910
citing authors

#	ARTICLE	IF	CITATIONS
1	High prevalence of a novel porcine bocavirus in weanling piglets with respiratory tract symptoms in China. <i>Archives of Virology</i> , 2010, 155, 1313-1317.	0.9	83
2	Arterivirus Minor Envelope Proteins Are a Major Determinant of Viral Tropism in Cell Culture. <i>Journal of Virology</i> , 2012, 86, 3701-3712.	1.5	78
3	Host miR-26a suppresses replication of porcine reproductive and respiratory syndrome virus by upregulating type I interferons. <i>Virus Research</i> , 2015, 195, 86-94.	1.1	71
4	N-Linked Glycosylation of GP5 of Porcine Reproductive and Respiratory Syndrome Virus Is Critically Important for Virus Replication <i>In Vivo</i> . <i>Journal of Virology</i> , 2012, 86, 9941-9951.	1.5	60
5	Emergence and Evolution of Novel Reassortant Influenza A Viruses in Canines in Southern China. <i>MBio</i> , 2018, 9, .	1.8	41
6	Construction of infectious cDNA clones of PRRSV: Separation of coding regions for nonstructural and structural proteins. <i>Science in China Series C: Life Sciences</i> , 2008, 51, 271-279.	1.3	38
7	Porcine reproductive and respiratory syndrome virus ORF5a protein is essential for virus viability. <i>Virus Research</i> , 2013, 171, 178-185.	1.1	31
8	Novel triple-reassortant influenza viruses in pigs, Guangxi, China. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-9.	3.0	31
9	A 5'-proximal Stem-loop Structure of 5' Untranslated Region of Porcine Reproductive and Respiratory Syndrome Virus Genome Is Key for Virus Replication. <i>Virology Journal</i> , 2011, 8, 172.	1.4	26
10	Pathogenic Characteristics of a Porcine Astrovirus Strain Isolated in China. <i>Viruses</i> , 2019, 11, 1156.	1.5	26
11	Influence of N-linked glycosylation of minor proteins of porcine reproductive and respiratory syndrome virus on infectious virus recovery and receptor interaction. <i>Virology</i> , 2012, 429, 1-11.	1.1	25
12	Immunization of pigs with a type 2 modified live PRRSV vaccine prevents the development of a deadly long lasting hyperpyrexia in a challenge study with highly pathogenic PRRSV JX143. <i>Vaccine</i> , 2013, 31, 2062-2066.	1.7	24
13	Genetic analysis of porcine circovirus type 2 (PCV2) strains between 2002 and 2016 reveals PCV2 mutant predominating in porcine population in Guangxi, China. <i>BMC Veterinary Research</i> , 2019, 15, 118.	0.7	21
14	Cis-acting structural element in 5' UTR is essential for infectivity of porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 2012, 163, 108-119.	1.1	20
15	Molecular epidemiology and viremia of porcine astrovirus in pigs from Guangxi province of China. <i>BMC Veterinary Research</i> , 2019, 15, 471.	0.7	20
16	Construction of a reverse genetic system for porcine astrovirus. <i>Archives of Virology</i> , 2018, 163, 1511-1518.	0.9	19
17	Detection and genetic characterization of canine astroviruses in pet dogs in Guangxi, China. <i>Virology Journal</i> , 2017, 14, 156.	1.4	18
18	Development of a differentiable virus via a spontaneous deletion in the nsp2 region associated with cell adaptation of porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 2013, 171, 150-160.	1.1	17

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19	Activation of RNase L in Egyptian Rousette Bat-Derived RoNi/7 Cells Is Dependent Primarily on OAS3 and Independent of MAVS Signaling. <i>MBio</i> , 2019, 10, .	1.8	17
20	Genetic Diversity of Porcine Epidemic Diarrhea Virus With a Naturally Occurring Truncated ORF3 Gene Found in Guangxi, China. <i>Frontiers in Veterinary Science</i> , 2020, 7, 435.	0.9	14
21	Emergence and Phylogenetic Analysis of a Getah Virus Isolated in Southern China. <i>Frontiers in Veterinary Science</i> , 2020, 7, 552517.	0.9	14
22	Characterization of swine-origin H1N1 canine influenza viruses. <i>Emerging Microbes and Infections</i> , 2019, 8, 1017-1026.	3.0	13
23	Generation of a porcine reproductive and respiratory syndrome virus expressing a marker gene inserted between ORF4 and ORF5a. <i>Archives of Virology</i> , 2020, 165, 1803-1813.	0.9	13
24	Comparative Characterization and Pathogenicity of a Novel Porcine Epidemic Diarrhea Virus (PEDV) with a Naturally Occurring Truncated ORF3 Gene Coinfected with PEDVs Possessing an Intact ORF3 Gene in Piglets. <i>Viruses</i> , 2021, 13, 1562.	1.5	13
25	Identification of non-essential regions in nucleocapsid protein of porcine reproductive and respiratory syndrome virus for replication in cell culture. <i>Virus Research</i> , 2011, 158, 62-71.	1.1	12
26	Genetic analysis of porcine productive and respiratory syndrome virus between 2013 and 2014 in Southern parts of China: identification of several novel strains with amino acid deletions or insertions in nsp2. <i>BMC Veterinary Research</i> , 2019, 15, 171.	0.7	11
27	Full Genomic Analysis of New Variants of Porcine Reproductive and Respiratory Syndrome Virus Revealed Multiple Recombination Events Between Different Lineages and Sublineages. <i>Frontiers in Veterinary Science</i> , 2020, 7, 603.	0.9	11
28	Replacement of the heterologous 5' untranslated region allows preservation of the fully functional activities of type 2 porcine reproductive and respiratory syndrome virus. <i>Virology</i> , 2013, 439, 1-12.	1.1	10
29	Emergence and phylogenetic analysis of a novel Seneca Valley virus strain in the Guangxi Province of China. <i>Research in Veterinary Science</i> , 2020, 130, 207-211.	0.9	10
30	Co-circulation and evolution of genogroups I and II of respiratory and enteric feline calicivirus isolates in cats. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2924-2937.	1.3	10
31	Genetic manipulation of a transcription-regulating sequence of porcine reproductive and respiratory syndrome virus reveals key nucleotides determining its activity. <i>Archives of Virology</i> , 2014, 159, 1927-1940.	0.9	8
32	Effect of an 88-amino-acid deletion in nsp2 of porcine reproductive and respiratory syndrome virus on virus replication and cytokine responses in vitro. <i>Archives of Virology</i> , 2018, 163, 1489-1501.	0.9	8
33	Construction and characterization of a full-length infectious clone of Getah virus in vivo. <i>Virologica Sinica</i> , 2022, 37, 348-357.	1.2	8
34	Establishment of a Multiplex RT-PCR Method for the Detection of Five Known Genotypes of Porcine Astroviruses. <i>Frontiers in Veterinary Science</i> , 2021, 8, 684279.	0.9	7
35	Isolation, Identification, and Evaluation of the Pathogenicity of a Porcine Enterovirus G Isolated From China. <i>Frontiers in Veterinary Science</i> , 2021, 8, 712679.	0.9	7
36	Conserved nucleotides in the terminus of the 3' UTR region are important for the replication and infectivity of porcine reproductive and respiratory syndrome virus. <i>Archives of Virology</i> , 2013, 158, 1719-1732.	0.9	6

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37	Cysteine residues of the porcine reproductive and respiratory syndrome virus ORF5a protein are not essential for virus viability. <i>Virus Research</i> , 2015, 197, 17-25.	1.1	5
38	Generation of a Recombinant Porcine Reproductive and Respiratory Syndrome Virus Stably Expressing Two Marker Genes. <i>Frontiers in Veterinary Science</i> , 2020, 7, 548282.	0.9	5
39	Identification of a novel protein in porcine astrovirus that is important for virus replication. <i>Veterinary Microbiology</i> , 2021, 255, 108984.	0.8	5
40	Genetic Characteristics and Pathogenicity of a Novel Porcine Deltacoronavirus Southeast Asia-Like Strain Found in China. <i>Frontiers in Veterinary Science</i> , 2021, 8, 701612.	0.9	5
41	Complete Genome Sequence of Feline Calicivirus Strain GX01-2013 Isolated from Household Cats in Guangxi, Southern China. <i>Genome Announcements</i> , 2016, 4, .	0.8	4
42	Phylogenetic Diversity of Classical Swine Fever Virus (CSFV) Field Isolates from Outbreaks in China Between 2008 and 2011. <i>Asian Journal of Animal and Veterinary Advances</i> , 2013, 8, 449-460.	0.3	4
43	Use of reverse genetics to develop a novel marker porcine reproductive and respiratory syndrome virus. <i>Virus Genes</i> , 2012, 45, 548-555.	0.7	3
44	Identification of novel B-cell epitopes on the capsid protein of type 1 porcine astrovirus, using monoclonal antibodies. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 939-947.	3.6	2
45	Insertion of Exogenous Genes within the ORF1a Coding Region of Porcine Astrovirus. <i>Viruses</i> , 2021, 13, 2119.	1.5	2
46	Detection and Genetic Diversity of a Novel Water Buffalo Astrovirus Species Found in the Guangxi Province of China. <i>Frontiers in Veterinary Science</i> , 2021, 8, 692193.	0.9	1
47	Isolation and Phylogenetic Analysis of a Hunnivirus Strain in Water Buffaloes From China. <i>Frontiers in Veterinary Science</i> , 2022, 9, 851743.	0.9	1