

Pei Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

2,130
citations

331259

21
h-index

276539

41
g-index

104
all docs

104
docs citations

104
times ranked

2741
citing authors

#	ARTICLE	IF	CITATIONS
1	Genesis, Evolution and Prevalence of H5N6 Avian Influenza Viruses in China. <i>Cell Host and Microbe</i> , 2016, 20, 810-821.	5.1	257
2	Epidemiology, Evolution, and Recent Outbreaks of Avian Influenza Virus in China. <i>Journal of Virology</i> , 2015, 89, 8671-8676.	1.5	212
3	Avian-origin H3N2 canine influenza A viruses in Southern China. <i>Infection, Genetics and Evolution</i> , 2010, 10, 1286-1288.	1.0	150
4	Lumpy skin disease outbreaks in China, since 3 August 2019. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 216-219.	1.3	89
5	The genetic evolution of canine parvovirus – A new perspective. <i>PLoS ONE</i> , 2017, 12, e0175035.	1.1	88
6	MERS in South Korea and China: a potential outbreak threat?. <i>Lancet, The</i> , 2015, 385, 2349-2350.	6.3	78
7	Galactosylated PLGA nanoparticles for the oral delivery of resveratrol: enhanced bioavailability and in vitro anti-inflammatory activity. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 4133-4144.	3.3	78
8	First Evidence of H10N8 Avian Influenza Virus Infections among Feral Dogs in Live Poultry Markets in Guangdong Province, China. <i>Clinical Infectious Diseases</i> , 2014, 59, 748-750.	2.9	52
9	Virological and Epidemiological Evidence of Avian Influenza Virus Infections Among Feral Dogs in Live Poultry Markets, China: A Threat to Human Health?. <i>Clinical Infectious Diseases</i> , 2014, 58, 1644-1646.	2.9	48
10	Immunogenicity of a cell culture-derived inactivated vaccine against a common virulent isolate of grass carp reovirus. <i>Fish and Shellfish Immunology</i> , 2016, 54, 473-480.	1.6	46
11	Newly emerged porcine enteric alphacoronavirus in southern China: Identification, origin and evolutionary history analysis. <i>Infection, Genetics and Evolution</i> , 2018, 62, 179-187.	1.0	42
12	Mutation tryptophan to leucine at position 222 of haemagglutinin could facilitate H3N2 influenza A virus infection in dogs. <i>Journal of General Virology</i> , 2013, 94, 2599-2608.	1.3	38
13	Identification and genetic characterization of a novel parvovirus associated with serum hepatitis in horses in China. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-7.	3.0	33
14	Hepatitis E Virus Serosurvey among Pet Dogs and Cats in Several Developed Cities in China. <i>PLoS ONE</i> , 2014, 9, e98068.	1.1	32
15	Yellow fever virus: Increasing imported cases in China. <i>Journal of Infection</i> , 2016, 73, 377-380.	1.7	32
16	Emergence of Getah Virus Infection in Horse With Fever in China, 2018. <i>Frontiers in Microbiology</i> , 2019, 10, 1416.	1.5	31
17	Codon usage bias of H3N8 equine influenza virus – An evolutionary perspective. <i>Journal of Infection</i> , 2020, 80, 671-693.	1.7	30
18	First Description of Hepacivirus and Pegivirus Infection in Domestic Horses in China: A Study in Guangdong Province, Heilongjiang Province and Hong Kong District. <i>PLoS ONE</i> , 2016, 11, e0155662.	1.1	27

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19	Selenium deficiency induced apoptosis via mitochondrial pathway caused by Oxidative Stress in porcine gastric tissues. <i>Research in Veterinary Science</i> , 2022, 144, 142-148.	0.9	27
20	Multiplex PCR methods for detection of several viruses associated with canine respiratory and enteric diseases. <i>PLoS ONE</i> , 2019, 14, e0213295.	1.1	25
21	Epidemiological and evolutionary characteristics of the PRRSV in Southern China from 2010 to 2013. <i>Microbial Pathogenesis</i> , 2014, 75, 7-15.	1.3	24
22	Evidence for Subclinical Influenza A(H1N1)pdm09 Virus Infection among Dogs in Guangdong Province, China. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1762-1765.	1.8	23
23	Comparative analysis of microRNAs from the lungs and trachea of dogs (<i>Canis familiaris</i>) infected with canine influenza virus. <i>Infection, Genetics and Evolution</i> , 2014, 21, 367-374.	1.0	21
24	First report and genetic characterization of feline kobuvirus in diarrhoeic cats in China. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1357-1363.	1.3	21
25	Equine Parvovirus-Hepatitis in China: Characterization of Its Genetic Diversity and Evidence for Natural Recombination Events Between the Chinese and American Strains. <i>Frontiers in Veterinary Science</i> , 2020, 7, 121.	0.9	21
26	Establishment of the Tree Shrew as an Alcohol-Induced Fatty Liver Model for the Study of Alcoholic Liver Diseases. <i>PLoS ONE</i> , 2015, 10, e0128253.	1.1	21
27	Inhibition of porcine reproductive and respiratory syndrome virus by specific siRNA targeting Nsp9 gene. <i>Infection, Genetics and Evolution</i> , 2014, 28, 64-70.	1.0	20
28	Global and quantitative proteomic analysis of dogs infected by avian-like H3N2 canine influenza virus. <i>Frontiers in Microbiology</i> , 2015, 6, 228.	1.5	20
29	Novel bovine hepacivirus in dairy cattle, China. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-3.	3.0	20
30	Bacterial diversity in the feces of dogs with CPV infection. <i>Microbial Pathogenesis</i> , 2018, 121, 70-76.	1.3	19
31	Continuous evolution of influenza A viruses of swine from 2013 to 2015 in Guangdong, China. <i>PLoS ONE</i> , 2019, 14, e0217607.	1.1	19
32	The increasing prevalence of CPV-2c in domestic dogs in China. <i>PeerJ</i> , 2020, 8, e9869.	0.9	19
33	Comparative analysis of MicroRNA expression in dog lungs infected with the H3N2 and H5N1 canine influenza viruses. <i>Microbial Pathogenesis</i> , 2018, 121, 252-261.	1.3	18
34	Integrated Lung and Tracheal mRNA-Seq and miRNA-Seq Analysis of Dogs with an Avian-Like H5N1 Canine Influenza Virus Infection. <i>Frontiers in Microbiology</i> , 2018, 9, 303.	1.5	18
35	African horse sickness: Its emergence in Thailand and potential threat to other Asian countries. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 1751.	1.3	18
36	Critical role of cellular cholesterol in bovine rotavirus infection. <i>Virology Journal</i> , 2014, 11, 98.	1.4	15

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37	Serological evidence of avian influenza virus and canine influenza virus infections among stray cats in live poultry markets, China. <i>Veterinary Microbiology</i> , 2015, 175, 369-373.	0.8	14
38	Presence of a Novel Subtype of Bovine Hepacivirus in China and Expanded Classification of Bovine Hepacivirus Strains Worldwide into 7 Subtypes. <i>Viruses</i> , 2019, 11, 843.	1.5	14
39	Comparative Analysis of Whole-Transcriptome RNA Expression in MDCK Cells Infected With the H3N2 and H5N1 Canine Influenza Viruses. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 76.	1.8	14
40	Genetic variation, pathogenicity, and immunogenicity of highly pathogenic porcine reproductive and respiratory syndrome virus strain XH-GD at different passage levels. <i>Archives of Virology</i> , 2016, 161, 77-86.	0.9	13
41	Getah virus: An increasing threat in China. <i>Journal of Infection</i> , 2020, 80, 350-371.	1.7	13
42	Isolation, identification and phylogenetic analysis of lumpy skin disease virus strain of outbreak in Guangdong, China. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	1.3	13
43	New "One Health" Strategies Needed for Detection and Control of Emerging Pathogens at Cantonese Live Animal Markets, China. <i>Clinical Infectious Diseases</i> , 2014, 59, 1194-1197.	2.9	12
44	Avian influenza A(H7N9) virus and mixed live poultry animal markets in Guangdong province: a perfect storm in the making?. <i>Emerging Microbes and Infections</i> , 2015, 4, 1-3.	3.0	12
45	Recombinant canine adenovirus type-2 expressing TgROP16 provides partial protection against acute <i>Toxoplasma gondii</i> infection in mice. <i>Infection, Genetics and Evolution</i> , 2016, 45, 447-453.	1.0	11
46	cfa-miR-143 Promotes Apoptosis via the p53 Pathway in Canine Influenza Virus H3N2-Infected Cells. <i>Viruses</i> , 2017, 9, 360.	1.5	11
47	Molecular evolution of H1N1 swine influenza in Guangdong, China, 2016-2017. <i>Infection, Genetics and Evolution</i> , 2018, 60, 103-108.	1.0	11
48	Comparative pathogenesis of H3N2 canine influenza virus in beagle dogs challenged by intranasal and intratracheal inoculation. <i>Virus Research</i> , 2018, 255, 147-153.	1.1	11
49	A total infectome approach to understand the etiology of infectious disease in pigs. <i>Microbiome</i> , 2022, 10, 73.	4.9	11
50	Co-exposure of chronic stress and alumina nanoparticles aggravates hippocampal microglia pyroptosis by activating cathepsin B/NLRP3 signaling pathway. <i>Journal of Hazardous Materials</i> , 2022, 436, 129093.	6.5	11
51	Detection of <i>Anaplasma platys</i> in dogs using real-time loop-mediated isothermal amplification. <i>Veterinary Journal</i> , 2014, 199, 468-470.	0.6	10
52	Antiviral effect of lithium chloride on infection of cells by canine parvovirus. <i>Archives of Virology</i> , 2015, 160, 2799-2805.	0.9	10
53	The function of feline stimulator of interferon gene (STING) is evolutionarily conserved. <i>Veterinary Immunology and Immunopathology</i> , 2016, 169, 54-62.	0.5	10
54	Identification and genetic characterization of hepacivirus and pegivirus in commercial equine serum products in China. <i>PLoS ONE</i> , 2017, 12, e0189208.	1.1	10

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55	Seroepidemiological Evidence of Subtype H3N8 Influenza Virus Infection among Pet Dogs in China. PLoS ONE, 2016, 11, e0159106.	1.1	9
56	Identification of the IFN- β response in H3N2 canine influenza virus infection. Journal of General Virology, 2016, 97, 18-26.	1.3	9
57	The NS1 protein of H5N6 feline influenza virus inhibits feline beta interferon response by preventing NF- κ B and IRF3 activation. Developmental and Comparative Immunology, 2017, 74, 60-68.	1.0	8
58	Effects of the PA-X and PB1-F2 Proteins on the Virulence of the 2009 Pandemic H1N1 Influenza A Virus in Mice. Frontiers in Cellular and Infection Microbiology, 2019, 9, 315.	1.8	8
59	Natural recombination of equine hepacivirus subtype 1 within the NS5A and NS5B genes. Virology, 2019, 533, 93-98.	1.1	8
60	First report of feline morbillivirus in mainland China. Archives of Virology, 2020, 165, 1837-1841.	0.9	8
61	MicroRNA expression analysis of feline and canine parvovirus infection in vivo (felis). PLoS ONE, 2017, 12, e0185698.	1.1	8
62	Cloning the Horse RNA Polymerase I Promoter and Its Application to Studying Influenza Virus Polymerase Activity. Viruses, 2016, 8, 119.	1.5	7
63	Seroprevalence of hepatitis E virus infection among dogs in several developed cities in the Guangdong province of China. Journal of Medical Virology, 2016, 88, 1404-1407.	2.5	7
64	Identification and genome characterization of a novel feline picornavirus proposed in the Hunnivirus genus. Infection, Genetics and Evolution, 2019, 71, 47-50.	1.0	7
65	Genomic sequencing and characterization of a novel group of canine bufaviruses from Henan province, China. Archives of Virology, 2020, 165, 2699-2702.	0.9	7
66	Role of CARD Region of MDA5 Gene in Canine Influenza Virus Infection. Viruses, 2020, 12, 307.	1.5	7
67	Canine Circovirus Suppresses the Type I Interferon Response and Protein Expression but Promotes CPV-2 Replication. International Journal of Molecular Sciences, 2022, 23, 6382.	1.8	7
68	Sparse serological evidence of H5N1 avian influenza virus infections in domestic cats, northeastern China. Microbial Pathogenesis, 2015, 82, 27-30.	1.3	6
69	Molecular characterization of a genetically divergent equine pegivirus strain identified in China. Archives of Virology, 2018, 163, 249-252.	0.9	6
70	Novel parvovirus in cats, China. Virus Research, 2021, 304, 198529.	1.1	6
71	Beagle dogs have low susceptibility to BJ94-like H9N2 avian influenza virus. Infection, Genetics and Evolution, 2015, 31, 216-220.	1.0	5
72	PB2 E627K or D701N substitution does not change the virulence of canine influenza virus H3N2 in mice and dogs. Veterinary Microbiology, 2018, 220, 67-72.	0.8	5

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73	Feline Stool-Associated Circular DNA Virus (FeSCV) in Diarrheic Cats in China. <i>Frontiers in Veterinary Science</i> , 2021, 8, 694089.	0.9	5
74	Canine Interferon-Inducible Transmembrane Protein Is a Host Restriction Factor That Potently Inhibits Replication of Emerging Canine Influenza Virus. <i>Frontiers in Immunology</i> , 2021, 12, 710705.	2.2	5
75	Equine influenza vaccine in China: Current status and challenges. <i>Equine Veterinary Journal</i> , 2018, 50, 544-545.	0.9	4
76	Genetic characterization of bovine ephemeral fever virus in southern China, 2013–2017. <i>Virus Genes</i> , 2020, 56, 390-395.	0.7	4
77	LncRNA Expression Profiles in Canine Mammary Tumors Identify Inc34977 as a Promoter of Proliferation, Migration and Invasion of Canine Mammary Tumor Cells. <i>Veterinary Sciences</i> , 2022, 9, 82.	0.6	4
78	Swine Interferon-Inducible Transmembrane Proteins Potently Inhibit African Swine Fever Virus Replication. <i>Frontiers in Immunology</i> , 2022, 13, 827709.	2.2	4
79	Import of Rift Valley fever to China: a potential new threat?. <i>Virologica Sinica</i> , 2016, 31, 454-456.	1.2	3
80	Canine Influenza Virus is Mildly Restricted by Canine Tetherin Protein. <i>Viruses</i> , 2018, 10, 565.	1.5	3
81	Serological evidence of H3N2 canine influenza virus infection among horses with dog exposure. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 915-920.	1.3	3
82	First identification and genomic characterization of equine hepacivirus sub-type 3 strain in China. <i>Virus Genes</i> , 2020, 56, 777-780.	0.7	3
83	Antiviral Activity of Canine RIG-I against Canine Influenza Virus and Interactions between Canine RIG-I and CIV. <i>Viruses</i> , 2021, 13, 2048.	1.5	3
84	Microbiological Identification and Analysis of Swine Lungs Collected from Carcasses in Swine Farms, China. <i>Indian Journal of Microbiology</i> , 2013, 53, 496-498.	1.5	2
85	Evaluation of protective efficacy of three novel H3N2 canine influenza vaccines. <i>Oncotarget</i> , 2017, 8, 98084-98093.	0.8	2
86	No evidence H10N8 avian influenza virus infections among poultry workers in Guangdong Province before 2013. <i>Journal of Clinical Virology</i> , 2015, 62, 6-7.	1.6	1
87	Metabolic Profiles in Madinâ€ˆDarby Canine Kidney Cell Lines Infected with H3N2 Canine Influenza Viruses. <i>Viral Immunology</i> , 2020, 33, 573-584.	0.6	1
88	Phosphoproteomics to Characterize Host Response During H3N2 Canine Influenza Virus Infection of Dog Lung. <i>Frontiers in Veterinary Science</i> , 2020, 7, 585071.	0.9	1
89	Comparison of Pathogenicity of Different Infectious Doses of H3N2 Canine Influenza Virus in Dogs. <i>Frontiers in Veterinary Science</i> , 2020, 7, 580301.	0.9	1
90	Novel HCV-Like Virus Detected in Avian Livers in Southern China and Its Implications for Natural Recombination Events. <i>Virologica Sinica</i> , 2021, 36, 149-151.	1.2	1

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91	Efficiency Comparison of a Novel E2 Subunit Vaccine and a Classic C-Strain Vaccine against Classical Swine Fever. <i>Veterinary Sciences</i> , 2021, 8, 148.	0.6	1
92	First identification and genomic characterization of equine hepacivirus subtype 2 in China. <i>Archives of Virology</i> , 2021, 166, 3221-3224.	0.9	1
93	Response to the Letter to the Editor concerning “Lumpy skin disease outbreaks in China, since 3 August 2019” by Lu et al. (<i>Transbound Emerg Dis</i> ; 2021: https://doi.org/10.1111/tbed.13898). <i>Transboundary and Emerging Diseases</i> , 2022, , .	1.3	1
94	Identification and Genetic Characterization of Bovine Hepacivirus in China: A Large Scale Epidemiological Study. <i>Virologica Sinica</i> , 2022, , .	1.2	1
95	Isolation and Genetic Characterization of Emerging H3N2 Canine Influenza Virus in Guangdong Province, Southern China, 2018–2021. <i>Frontiers in Veterinary Science</i> , 2022, 9, 810855.	0.9	1
96	CircRNA Expression Profiles in Canine Mammary Tumours. <i>Veterinary Sciences</i> , 2022, 9, 205.	0.6	1
97	Transcriptome Analysis of Retinoic Acid-Inducible Gene 1 Overexpression Reveals the Potential Genes for Autophagy-Related Negative Regulation. <i>Cells</i> , 2022, 11, 2009.	1.8	1
98	The potential threat of avian influenza virus to horses – Recalling the Chinese 1989–1990 equine influenza outbreaks. <i>Journal of Infection</i> , 2020, 80, 469-496.	1.7	0
99	The inactivated vaccine of reassortant H3N2 canine influenza virus based on internal gene cassette from PR8 is safe and effective. <i>Veterinary Microbiology</i> , 2021, 254, 108997.	0.8	0
100	Beagle Dogs Have Low Susceptibility to Florida Clade 2 H3N8 Equine Avian Influenza. <i>Virologica Sinica</i> , 2021, 36, 1248-1251.	1.2	0
101	Hepatitis B virus detected in a golden monkey fatal case, China. <i>Infection, Genetics and Evolution</i> , 2021, 94, 105032.	1.0	0