Qinfang Liu

List of Publications by Year
in descending order

39 papers	1,132 citations	331670 21 h-index	395702 33 g-index
40 all docs	40 docs citations	40 times ranked	1701 citing authors

#	Article	IF	Citations
1	Domestic Pigs Are Susceptible to Infection with Influenza B Viruses. Journal of Virology, 2015, 89, 4818-4826.	3.4	73
2	Robust kinase- and age-dependent dopaminergic and norepinephrine neurodegeneration in LRRK2 G2019S transgenic mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1635-1640.	7.1	70
3	Combination of PB2 271A and SR Polymorphism at Positions 590/591 Is Critical for Viral Replication and Virulence of Swine Influenza Virus in Cultured Cells and In Vivo. Journal of Virology, 2012, 86, 1233-1237.	3.4	69
4	A Single Mutation at Position 190 in Hemagglutinin Enhances Binding Affinity for Human Type Sialic Acid Receptor and Replication of H9N2 Avian Influenza Virus in Mice. Journal of Virology, 2016, 90, 9806-9825.	3.4	67
5	Emergence of novel reassortant H3N2 swine influenza viruses with the 2009 pandemic H1N1 genes in the United States. Archives of Virology, 2012, 157, 555-562.	2.1	63
6	Isolation and characterization of a reovirus causing spleen necrosis in Pekin ducklings. Veterinary Microbiology, 2011, 148, 200-206.	1.9	61
7	Expansion of amphibian intronless interferons revises the paradigm for interferon evolution and functional diversity. Scientific Reports, 2016, 6, 29072.	3.3	61
8	Characterization of Uncultivable Bat Influenza Virus Using a Replicative Synthetic Virus. PLoS Pathogens, 2014, 10, e1004420.	4.7	58
9	Analysis of Recombinant H7N9 Wild-Type and Mutant Viruses in Pigs Shows that the Q226L Mutation in HA Is Important for Transmission. Journal of Virology, 2014, 88, 8153-8165.	3.4	52
10	Newcastle Disease Virus-Vectored H7 and H5 Live Vaccines Protect Chickens from Challenge with H7N9 or H5N1 Avian Influenza Viruses. Journal of Virology, 2015, 89, 7401-7408.	3.4	49
11	Î±-Galactosylceramide protects swine against influenza infection when administered as a vaccine adjuvant. Scientific Reports, 2016, 6, 23593.	3.3	39
12	Development of a sheep challenge model for Rift Valley fever. Virology, 2016, 489, 128-140.	2.4	38
13	Pathogenicity and transmissibility of reassortant H9 influenza viruses with genes from pandemic H1N1 virus. Journal of General Virology, 2012, 93, 2337-2345.	2.9	36
14	The neuraminidase and matrix genes of the 2009 pandemic influenza H1N1 virus cooperate functionally to facilitate efficient replication and transmissibility in pigs. Journal of General Virology, 2012, 93, 1261-1268.	2.9	36
15	Pathogenicity and Transmissibility of Novel Reassortant H3N2 Influenza Viruses with 2009 Pandemic H1N1 Genes in Pigs. Journal of Virology, 2015, 89, 2831-2841.	3.4	36
16	Impacts of different expressions of PA-X protein on 2009 pandemic H1N1 virus replication, pathogenicity and host immune responses. Virology, 2017, 504, 25-35.	2.4	36
17	Full Genome Sequences of Two Reticuloendotheliosis Viruses Contaminating Commercial Vaccines. Avian Diseases, 2009, 53, 341-346.	1.0	31
18	Characterization of a highly pathogenic avian influenza H5N1 clade 2.3.4 virus isolated from a tree sparrow. Virus Research, 2010, 147, 25-29.	2.2	28

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19	Cross-Species Genome-Wide Analysis Reveals Molecular and Functional Diversity of the Unconventional Interferon-Ï‰ Subtype. Frontiers in Immunology, 2019, 10, 1431.	4.8	28
20	Genome-wide analysis of differentially expressed genes and the modulation of PEDV infection in Vero E6 cells. Microbial Pathogenesis, 2018, 117, 247-254.	2.9	23
21	Phylogenetic analysis and pathogenicity of H3 subtype avian influenza viruses isolated from live poultry markets in China. Scientific Reports, 2016, 6, 27360.	3.3	22
22	Reduction of infection by inhibiting mTOR pathway is associated with reversed repression of type I interferon by porcine reproductive and respiratory syndrome virus. Journal of General Virology, 2017, 98, 1316-1328.	2.9	20
23	Emergence of a novel drug resistant H7N9 influenza virus: evidence based clinical potential of a natural IFN-Î± for infection control and treatment. Expert Review of Anti-Infective Therapy, 2014, 12, 165-169.	4.4	17
24	Characterizations of H4 avian influenza viruses isolated from ducks in live poultry markets and farm in Shanghai. Scientific Reports, 2016, 6, 37843.	3.3	17
25	H9N2 influenza virus isolated from minks has enhanced virulence in mice. Transboundary and Emerging Diseases, 2018, 65, 904-910.	3.0	15
26	H7N9 avian influenza A virus in China: a short report on its circulation, drug resistant mutants and novel antiviral drugs. Expert Review of Anti-Infective Therapy, 2017, 15, 723-727.	4.4	13
27	Caspase-Dependent Cleavage of DDX21 Suppresses Host Innate Immunity. MBio, 2021, 12, e0100521.	4.1	13
28	N-Linked Glycosylation Plays an Important Role in Budding of Neuraminidase Protein and Virulence of Influenza Viruses. Journal of Virology, 2021, 95, .	3.4	10
29	Appropriate dose of Lactobacillus buchneri supplement improves intestinal microbiota and prevents diarrhoea in weaning Rex rabbits. Beneficial Microbes, 2018, 9, 401-416.	2.4	9
30	Virus survival and fitness when multiple genotypes and subtypes of influenza A viruses exist and circulate in swine. Virology, 2019, 532, 30-38.	2.4	8
31	Protective efficacy of an inactivated vaccine against H9N2 avian influenza virus in ducks. Virology Journal, 2015, 12, 143.	3.4	6
32	Vaccination with inactivated virus against low pathogenic avian influenza subtype H9N2 does not prevent virus transmission in chickens. Journal of Virus Eradication, 2021, 7, 100055.	0.5	6
33	Limited adaptation of chimeric H9N2 viruses containing internal genes from bat influenza viruses in chickens. Veterinary Microbiology, 2019, 232, 151-155.	1.9	5
34	H9N2 Viruses Isolated From Mammals Replicated in Mice at Higher Levels Than Avian-Origin Viruses. Frontiers in Microbiology, 2019, 10, 416.	3.5	5
35	In vitro and in vivo replication of influenza A H1N1 WSN33 viruses with different M1 proteins. Journal of General Virology, 2013, 94, 884-895.	2.9	3
36	A crucial role of N-terminal domain of influenza A virus M1 protein in interaction with swine importin Î±1 protein. Virus Genes, 2014, 49, 157-162.	1.6	2

#	Article	IF	Citations
37	Replication and virulence of chimeric bat influenza viruses in mammalian and avian cells and in mice. Microbial Pathogenesis, 2021, 157, 104992.	2.9	2
38	Key Amino Acids of M1-41 and M2-27 Determine Growth and Pathogenicity of Chimeric H17 Bat Influenza Virus in Cells and in Mice. Journal of Virology, 2021, 95, e0101921.	3.4	2
39	Hydrophobic Residues at the Intracellular Domain of the M2 Protein Play an Important Role in Budding and Membrane Integrity of Influenza Virus. Journal of Virology, 2022, 96, e0037322.	3.4	2