Jiexiong Xie

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Genetic and antigenic evolution of H1 swine influenza A viruses isolated in Belgium and the Netherlands from 2014 through 2019. Scientific Reports, 2021, 11, 11276.	3.3	11
2	Comparison of Primary Virus Isolation in Pulmonary Alveolar Macrophages and Four Different Continuous Cell Lines for Type 1 and Type 2 Porcine Reproductive and Respiratory Syndrome Virus. Vaccines, 2021, 9, 594.	4.4	4
3	Functional Analysis of Human and Feline Coronavirus Cross-Reactive Antibodies Directed Against the SARS-CoV-2 Fusion Peptide. Frontiers in Immunology, 2021, 12, 790415.	4.8	7
4	Insights into the evolutionary history and epidemiological characteristics of the emerging lineage 1 porcine reproductive and respiratory syndrome viruses in China. Transboundary and Emerging Diseases, 2020, 67, 2630-2641.	3.0	17
5	Role of Porcine Aminopeptidase N and Sialic Acids in Porcine Coronavirus Infections in Primary Porcine Enterocytes. Viruses, 2020, 12, 402.	3.3	15
6	New insights about vaccine effectiveness: Impact of attenuated PRRS-strain vaccination on heterologous strain transmission. Vaccine, 2020, 38, 3050-3061.	3.8	17
7	Isolation and characterization of a new population of nasal surface macrophages and their susceptibility to PRRSV-1 subtype 1 (LV) and subtype 3 (Lena). Veterinary Research, 2020, 51, 21.	3.0	6
8	Changes on the viral capsid surface during the evolution of porcine circovirus type 2 (PCV2) from 2009 till 2018 may lead to a better receptor binding. Virus Evolution, 2019, 5, vez026.	4.9	25
9	A Triple Amino Acid Substitution at Position 88/94/95 in Glycoprotein GP2a of Type 1 Porcine Reproductive and Respiratory Syndrome Virus (PRRSV1) Is Responsible for Adaptation to MARC-145 Cells. Viruses, 2019, 11, 36.	3.3	12
10	Gammaherpesvirus BoHV-4 infects bovine respiratory epithelial cells mainly at the basolateral side. Veterinary Research, 2019, 50, 11.	3.0	4
11	Porcine rotavirus mainly infects primary porcine enterocytes at the basolateral surface. Veterinary Research, 2019, 50, 110.	3.0	6
12	Presence of gammaherpesvirus BoHV-4 in endometrial cytology samples is not associated with subclinical endometritis diagnosed at artificial insemination in dairy cows. Veterinary Microbiology, 2019, 229, 130-137.	1.9	4
13	Equine herpesvirus 1 infection orchestrates the expression of chemokines in equine respiratory epithelial cells. Journal of General Virology, 2019, 100, 1567-1579.	2.9	7
14	Establishment of porcine enterocyte/myofibroblast co-cultures for the growth of porcine rota- and coronaviruses. Scientific Reports, 2018, 8, 15195.	3.3	6
15	Preferential use of Siglec-1 or Siglec-10 by type 1 and type 2 PRRSV strains to infect PK15S1–CD163 and PK15S10–CD163 cells. Veterinary Research, 2018, 49, 67.	3.0	18
16	Molecular cloning of porcine Siglec-3, Siglec-5 and Siglec-10, and identification of Siglec-10 as an alternative receptor for porcine reproductive and respiratory syndrome virus (PRRSV). Journal of General Virology, 2017, 98, 2030-2042.	2.9	27
17	Primary replication and invasion of the bovine gammaherpesvirus BoHV-4 in the genital mucosae. Veterinary Research, 2017, 48, 83.	3.0	6
18	In Vitro Antiviral Activity of Germacrone Against Porcine Reproductive and Respiratory Syndrome Virus. Current Microbiology, 2016, 73, 317-323.	2.2	20

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19	Genetic variation, pathogenicity, and immunogenicity of highly pathogenic porcine reproductive and respiratory syndrome virus strain XH-GD at different passage levels. Archives of Virology, 2016, 161, 77-86.	2.1	13
20	Characterization of polyclonal antibodies against nonstructural protein 9 from the porcine reproductive and respiratory syndrome virus. Frontiers of Agricultural Science and Engineering, 2016, 3, 153.	1.4	6
21	Inhibitory effects of LiCl on replication of type II porcine reproductive and respiratory syndrome virus in vitro. Antiviral Therapy, 2015, 20, 565-572.	1.0	20
22	Characterization and utility of phages bearing peptides with affinity to porcine reproductive and respiratory syndrome virus nsp7 protein. Journal of Virological Methods, 2015, 222, 231-241.	2.1	7
23	Hepatitis E Virus Serosurvey among Pet Dogs and Cats in Several Developed Cities in China. PLoS ONE, 2014, 9, e98068.	2.5	32
24	Epidemiological and evolutionary characteristics of the PRRSV in Southern China from 2010 to 2013. Microbial Pathogenesis, 2014, 75, 7-15.	2.9	24
25	Inhibition of porcine reproductive and respiratory syndrome virus by specific siRNA targeting Nsp9 gene. Infection, Genetics and Evolution, 2014, 28, 64-70.	2.3	20
26	Critical role of cellular cholesterol in bovine rotavirus infection. Virology Journal, 2014, 11, 98.	3.4	15
27	Microbiological Identification and Analysis of Swine Lungs Collected from Carcasses in Swine Farms, China. Indian Journal of Microbiology, 2013, 53, 496-498.	2.7	2
28	Expression and Antibody Preparation of GP5a Gene of Porcine Reproductive and Respiratory Syndrome Virus. Indian Journal of Microbiology, 2013, 53, 370-375.	2.7	8
29	Mutagenesis analysis of porcine reproductive and respiratory syndrome virus nonstructural protein 7. Virus Genes, 2013, 47, 467-477.	1.6	20
30	Short communication: isolation and phylogenetic analysis of an avian-origin H3N2 canine influenza virus in dog shelter, China. Virus Genes, 2013, 46, 554-557.	1.6	5
31	Molecular epidemiology of PRRSV in South China from 2007 to 2011 based on the genetic analysis of ORF5. Microbial Pathogenesis, 2013, 63, 30-36.	2.9	33
32	Serological surveillance of H5 and H9 avian influenza A viral infections among pigs in southern China. Microbial Pathogenesis, 2013, 64, 39-42.	2.9	11
33	Avian-origin H3N2 canine influenza virus circulating in farmed dogs in Guangdong, China. Infection, Genetics and Evolution, 2013, 14, 444-449.	2.3	29
34	Phylogenetic analysis and molecular characteristics of 17 porcine reproductive and respiratory syndrome virus isolates in Southern China from 2010 to 2011. Microbial Pathogenesis, 2013, 65, 67-72.	2.9	8
35	Avian-origin H3N2 canine influenza virus circulating in farmed dogs in Guangdong, China. Infection, Genetics and Evolution, 2013, 19, 251-256.	2.3	32
36	Genetic evolution and phylogenetic analysis of porcine circovirus type 2 infections in southern China from 2011 to 2012. Infection, Genetics and Evolution, 2013, 17, 87-92.	2.3	33

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37	Seroepidemiological Evidence of Avian Influenza A Virus Transmission to Pigs in Southern China. Journal of Clinical Microbiology, 2013, 51, 601-602.	3.9	26
38	Serologic Evidence of Pandemic Influenza Virus H1N1 2009 Infection in Cats in China. Vaccine Journal, 2013, 20, 115-117.	3.1	12
39	Serologic Reports of H3N2 Canine Influenza Virus Infection in Dogs in Northeast China. Journal of Veterinary Medical Science, 2013, 75, 1061-1062.	0.9	11
40	Complete Genome Sequence of a Novel Duck Hepatitis A Virus Discovered in Southern China. Journal of Virology, 2012, 86, 10247-10247.	3.4	21
41	Complete Genome Sequence of a Novel Field Strain of Rearranged Porcine Circovirus Type 2 in Southern China. Journal of Virology, 2012, 86, 10895-10895.	3.4	10
42	Complete Genome Sequence of Duck Tembusu Virus, Isolated from Muscovy Ducks in Southern China. Journal of Virology, 2012, 86, 13119-13119.	3.4	24
43	Complete Genome Sequence of a Novel Avian-Like H3N2 Swine Influenza Virus Discovered in Southern China. Journal of Virology, 2012, 86, 9533-9533.	3.4	17