

Zishu Pan

List of Publications by Year in descending order

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52
papers

1,053
citations

430874

18
h-index

454955

30
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54
all docs

54
docs citations

54
times ranked

1355
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the conserved E2 residue G259 in classical swine fever virus production and replication. <i>Virus Research</i> , 2022, 313, 198747.	2.2	2
2	A positively charged surface patch on the pestivirus NS3 protease module plays an important role in modulating NS3 helicase activity and virus production. <i>Archives of Virology</i> , 2021, 166, 1633-1642.	2.1	3
3	(p)ppGpp synthetases are required for the pathogenicity of <i>Salmonella Pullorum</i> in chickens. <i>Microbiological Research</i> , 2021, 245, 126685.	5.3	10
4	Construction and immunological evaluation of hepatitis B virus core virus-like particles containing multiple antigenic peptides of respiratory syncytial virus. <i>Virus Research</i> , 2021, 298, 198410.	2.2	3
5	Chimeric enterovirus 71 virus-like particle displaying conserved coxsackievirus A16 epitopes elicits potent immune responses and protects mice against lethal EV71 and CA16 infection. <i>Vaccine</i> , 2021, 39, 4135-4143.	3.8	7
6	Dynamic Host Immune and Transcriptomic Responses to Respiratory Syncytial Virus Infection in a Vaccination-Challenge Mouse Model. <i>Virologica Sinica</i> , 2021, 36, 1327-1340.	3.0	3
7	Proline to Threonine Mutation at Position 162 of NS5B of Classical Swine Fever Virus Vaccine C Strain Promoted Genome Replication and Infectious Virus Production by Facilitating Initiation of RNA Synthesis. <i>Viruses</i> , 2021, 13, 1523.	3.3	6
8	Data-driven multi-scale mathematical modeling of SARS-CoV-2 infection reveals heterogeneity among COVID-19 patients. <i>PLoS Computational Biology</i> , 2021, 17, e1009587.	3.2	11
9	Characterization of <i>Salmonella</i> spp. isolated from chickens in Central China. <i>BMC Veterinary Research</i> , 2020, 16, 299.	1.9	28
10	Hepatitis B Virus Core Particles Containing a Conserved Region of the G Protein Combined with Interleukin-35 Protected Mice against Respiratory Syncytial Virus Infection without Vaccine-Enhanced Immunopathology. <i>Journal of Virology</i> , 2020, 94, .	3.4	10
11	Characterization of thermostable Newcastle disease virus recombinants expressing the hemagglutinin of H5N1 avian influenza virus as bivalent vaccine candidates. <i>Vaccine</i> , 2020, 38, 1690-1699.	3.8	9
12	Y-Box-Binding Protein 3 (YBX3) Restricts Influenza A Virus by Interacting with Viral Ribonucleoprotein Complex and Impairing its Function. <i>Journal of General Virology</i> , 2020, 101, 385-398.	2.9	6
13	Japanese Encephalitis Virus Induces Apoptosis and Encephalitis by Activating the PERK Pathway. <i>Journal of Virology</i> , 2019, 93, .	3.4	49
14	A multiplex RT-PCR assay for rapid and simultaneous detection of four RNA viruses in swine. <i>Journal of Virological Methods</i> , 2019, 269, 38-42.	2.1	18
15	Japanese encephalitis virus induces apoptosis by inhibiting Foxo signaling pathway. <i>Veterinary Microbiology</i> , 2018, 220, 73-82.	1.9	39
16	Synergistic roles of the E2 glycoprotein and 3' untranslated region in the increased genomic stability of chimeric classical swine fever virus with attenuated phenotypes. <i>Archives of Virology</i> , 2017, 162, 2667-2678.	2.1	7
17	Classical swine fever virus nonstructural protein p7 modulates infectious virus production. <i>Scientific Reports</i> , 2017, 7, 12995.	3.3	4
18	Uncoupling of Protease Cleavage and Helicase Activities in Pestivirus NS3. <i>Journal of Virology</i> , 2017, 91, .	3.4	11

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19	Hepatitis B virus core particles containing multiple epitopes confer protection against enterovirus 71 and coxsackievirus A16 infection in mice. <i>Vaccine</i> , 2017, 35, 7322-7330.	3.8	15
20	Vesicular stomatitis virus-based vaccines expressing EV71 virus-like particles elicit strong immune responses and protect newborn mice from lethal challenges. <i>Vaccine</i> , 2016, 34, 4196-4204.	3.8	16
21	Chimeric virus-like particles containing a conserved region of the G protein in combination with a single peptide of the M2 protein confer protection against respiratory syncytial virus infection. <i>Antiviral Research</i> , 2016, 131, 131-140.	4.1	15
22	Development of a novel single-step reverse genetics system for the generation of classical swine fever virus. <i>Archives of Virology</i> , 2016, 161, 1831-1838.	2.1	10
23	Genome Sequence of a Fowl Adenovirus Serotype 4 Strain Lethal to Chickens, Isolated from China. <i>Genome Announcements</i> , 2016, 4, .	0.8	21
24	Molecular basis for the thermostability of Newcastle disease virus. <i>Scientific Reports</i> , 2016, 6, 22492.	3.3	20
25	Japanese encephalitis virus induces apoptosis by the IRE1/JNK pathway of ER stress response in BHK-21 cells. <i>Archives of Virology</i> , 2016, 161, 699-703.	2.1	44
26	Baculovirus vectors expressing F proteins in combination with virus-induced signaling adaptor (VISA) molecules confer protection against respiratory syncytial virus infection. <i>Vaccine</i> , 2016, 34, 252-260.	3.8	17
27	Identification of two amino acids within E2 important for the pathogenicity of chimeric classical swine fever virus. <i>Virus Research</i> , 2016, 211, 79-85.	2.2	16
28	Respiratory Syncytial Virus Nonstructural Proteins Upregulate SOCS1 and SOCS3 in the Different Manner from Endogenous IFN Signaling. <i>Journal of Immunology Research</i> , 2015, 2015, 1-11.	2.2	38
29	Deciphering deterioration mechanisms of complex diseases based on the construction of dynamic networks and systems analysis. <i>Scientific Reports</i> , 2015, 5, 9283.	3.3	48
30	The N-terminus of classical swine fever virus (CSFV) nonstructural protein 2 modulates viral genome RNA replication. <i>Virus Research</i> , 2015, 210, 90-99.	2.2	10
31	Induction of USP25 by viral infection promotes innate antiviral responses by mediating the stabilization of TRAF3 and TRAF6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11324-11329.	7.1	99
32	Oral Delivery of a Novel Attenuated Salmonella Vaccine Expressing Influenza A Virus Proteins Protects Mice against H5N1 and H1N1 Viral Infection. <i>PLoS ONE</i> , 2015, 10, e0129276.	2.5	16
33	Additional Evidence That the Polymerase Subunits Contribute to the Viral Replication and the Virulence of H5N1 Avian Influenza Virus Isolates in Mice. <i>PLoS ONE</i> , 2015, 10, e0124422.	2.5	1
34	A multiplex reverse transcription-PCR assay for the detection of influenza A virus and differentiation of the H1, H3, H5 and H9 subtypes. <i>Journal of Virological Methods</i> , 2013, 188, 47-50.	2.1	11
35	Chimeric classical swine fever (CSF)-Japanese encephalitis (JE) viral replicon as a non-transmissible vaccine candidate against CSF and JE infections. <i>Virus Research</i> , 2012, 165, 61-70.	2.2	17
36	Modeling and Dynamical Analysis of Virus-Triggered Innate Immune Signaling Pathways. <i>PLoS ONE</i> , 2012, 7, e48114.	2.5	22

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37	The virus-induced signaling adaptor molecule enhances DNA-raised immune protection against H5N1 influenza virus infection in mice. <i>Vaccine</i> , 2011, 29, 2561-2567.	3.8	11
38	Understanding inhibition of viral proteins on type I IFN signaling pathways with modeling and optimization. <i>Journal of Theoretical Biology</i> , 2010, 265, 691-703.	1.7	11
39	The Toll-like receptor adaptor molecule TRIF enhances DNA vaccination against classical swine fever. <i>Veterinary Immunology and Immunopathology</i> , 2010, 137, 47-53.	1.2	15
40	Classical swine fever virus E ^g glycoprotein antagonizes induction of interferon- β by double-stranded RNA. <i>Canadian Journal of Microbiology</i> , 2009, 55, 698-704.	1.7	15
41	Enhanced protective immunity against H5N1 influenza virus challenge by vaccination with DNA expressing a chimeric hemagglutinin in combination with an MHC class I-restricted epitope of nucleoprotein in mice. <i>Antiviral Research</i> , 2009, 81, 253-260.	4.1	23
42	Analysis of synonymous codon usage in classical swine fever virus. <i>Virus Genes</i> , 2009, 38, 104-112.	1.6	105
43	Virus-Like Particle Vaccine Comprised of the HA, NA, and M1 Proteins of an Avian Isolated H5N1 Influenza Virus Induces Protective Immunity Against Homologous and Heterologous Strains in Mice. <i>Viral Immunology</i> , 2009, 22, 273-281.	1.3	43
44	Characterization of classical swine fever virus (CSFV) nonstructural protein 3 (NS3) helicase activity and its modulation by CSFV RNA-dependent RNA polymerase. <i>Virus Research</i> , 2009, 141, 63-70.	2.2	24
45	Glycosylation of classical swine fever virus Erns is essential for binding double-stranded RNA and preventing interferon-beta induction. <i>Virus Research</i> , 2009, 146, 135-139.	2.2	11
46	Modeling specificity in the yeast MAPK signaling networks. <i>Journal of Theoretical Biology</i> , 2008, 250, 139-155.	1.7	26
47	Robustness analysis of EGFR signaling network with a multi-objective evolutionary algorithm. <i>BioSystems</i> , 2008, 91, 245-261.	2.0	5
48	12-nt insertion in 3' untranslated region leads to attenuation of classic swine fever virus and protects host against lethal challenge. <i>Virology</i> , 2008, 374, 390-398.	2.4	26
49	Immunization with plasmid DNA encoding influenza A virus nucleoprotein fused to a tissue plasminogen activator signal sequence elicits strong immune responses and protection against H5N1 challenge in mice. <i>Journal of Virological Methods</i> , 2008, 154, 121-127.	2.1	46
50	The selection pressure analysis of classical swine fever virus envelope protein genes Erns and E2. <i>Virus Research</i> , 2008, 131, 132-135.	2.2	22
51	Construction of cytopathic PK-15 cell model of classical swine fever virus. <i>Science Bulletin</i> , 2003, 48, 887-891.	9.0	6
52	Thymidine kinase gene mutation leads to reduced virulence of pseudorabies virus. <i>Science Bulletin</i> , 2001, 46, 1972-1975.	1.7	1