

Yan Zhou

List of Publications by Year in descending order

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61
papers

2,611
citations

185998

28
h-index

189595

50
g-index

61
all docs

61
docs citations

61
times ranked

3739
citing authors

#	ARTICLE	IF	CITATIONS
1	CXCR4 Is a Major Chemokine Receptor on Glioma Cells and Mediates Their Survival. <i>Journal of Biological Chemistry</i> , 2002, 277, 49481-49487.	1.6	327
2	Influenza A virus NS1 protein activates the phosphatidylinositol 3-kinase (PI3K)/Akt pathway by direct interaction with the p85 subunit of PI3K. <i>Journal of General Virology</i> , 2007, 88, 13-18.	1.3	160
3	A dialog between glioma and microglia that promotes tumor invasiveness through the CCL2/CCR2/interleukin-6 axis. <i>Carcinogenesis</i> , 2012, 33, 312-319.	1.3	160
4	Effect of the phosphatidylinositol 3-kinase/Akt pathway on influenza A virus propagation. <i>Journal of General Virology</i> , 2007, 88, 942-950.	1.3	146
5	SH3 Binding Motif 1 in Influenza A Virus NS1 Protein Is Essential for PI3K/Akt Signaling Pathway Activation. <i>Journal of Virology</i> , 2007, 81, 12730-12739.	1.5	118
6	Activation of sterol regulatory element-binding protein 1c and fatty acid synthase transcription by hepatitis C virus non-structural protein 2. <i>Journal of General Virology</i> , 2008, 89, 1225-1230.	1.3	101
7	Influenza A Virus Panhandle Structure Is Directly Involved in RIG-I Activation and Interferon Induction. <i>Journal of Virology</i> , 2015, 89, 6067-6079.	1.5	86
8	PB2 and Hemagglutinin Mutations Are Major Determinants of Host Range and Virulence in Mouse-Adapted Influenza A Virus. <i>Journal of Virology</i> , 2010, 84, 10606-10618.	1.5	84
9	Genomic and Protein Structural Maps of Adaptive Evolution of Human Influenza A Virus to Increased Virulence in the Mouse. <i>PLoS ONE</i> , 2011, 6, e21740.	1.1	79
10	Nuclear-resident RIG-I senses viral replication inducing antiviral immunity. <i>Nature Communications</i> , 2018, 9, 3199.	5.8	76
11	Identification of RNA Helicase A as a Cellular Factor That Interacts with Influenza A Virus NS1 Protein and Its Role in the Virus Life Cycle. <i>Journal of Virology</i> , 2012, 86, 1942-1954.	1.5	64
12	DDX3 Interacts with Influenza A Virus NS1 and NP Proteins and Exerts Antiviral Function through Regulation of Stress Granule Formation. <i>Journal of Virology</i> , 2016, 90, 3661-3675.	1.5	64
13	The functional impairment of natural killer cells during influenza virus infection. <i>Immunology and Cell Biology</i> , 2009, 87, 579-589.	1.0	63
14	Hepatitis C virus genotype-3a core protein enhances sterol regulatory element-binding protein-1 activity through the phosphoinositide 3-kinase-Akt-2 pathway. <i>Journal of General Virology</i> , 2010, 91, 1388-1395.	1.3	57
15	Elastase-Dependent Live Attenuated Swine Influenza A Viruses Are Immunogenic and Confer Protection against Swine Influenza A Virus Infection in Pigs. <i>Journal of Virology</i> , 2009, 83, 10198-10210.	1.5	56
16	Mechanism of Influenza A Virus NS1 Protein Interaction with the p85 ^β , but Not the p85 ^α , Subunit of Phosphatidylinositol 3-Kinase (PI3K) and Up-regulation of PI3K Activity. <i>Journal of Biological Chemistry</i> , 2008, 283, 23397-23409.	1.6	54
17	NS1 Protein of 2009 Pandemic Influenza A Virus Inhibits Porcine NLRP3 Inflammasome-Mediated Interleukin-1 Beta Production by Suppressing ASC Ubiquitination. <i>Journal of Virology</i> , 2018, 92, .	1.5	49
18	Immunogenicity and protective efficacy of an elastase-dependent live attenuated swine influenza virus vaccine administered intranasally in pigs. <i>Vaccine</i> , 2010, 28, 7098-7108.	1.7	47

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19	Innate Immune Sensing of Influenza A Virus. <i>Viruses</i> , 2020, 12, 755.	1.5	47
20	The chemokine GRO- α (CXCL1) confers increased tumorigenicity to glioma cells. <i>Carcinogenesis</i> , 2005, 26, 2058-2068.	1.3	46
21	The PI3K/Akt pathway inhibits influenza A virus-induced Bax-mediated apoptosis by negatively regulating the JNK pathway via ASK1. <i>Journal of General Virology</i> , 2010, 91, 1439-1449.	1.3	42
22	Multifunctional Adaptive NS1 Mutations Are Selected upon Human Influenza Virus Evolution in the Mouse. <i>PLoS ONE</i> , 2012, 7, e31839.	1.1	42
23	Regulation of influenza A virus induced CXCL-10 gene expression requires PI3K/Akt pathway and IRF3 transcription factor. <i>Molecular Immunology</i> , 2011, 48, 1417-1423.	1.0	36
24	The NS1 Protein of Influenza A Virus Participates in Necroptosis by Interacting with MLKL and Increasing Its Oligomerization and Membrane Translocation. <i>Journal of Virology</i> , 2019, 93, .	1.5	36
25	Reverse genetics-generated elastase-dependent swine influenza viruses are attenuated in pigs. <i>Journal of General Virology</i> , 2009, 90, 375-385.	1.3	35
26	Genetically Engineered, Biarsenically Labeled Influenza Virus Allows Visualization of Viral NS1 Protein in Living Cells. <i>Journal of Virology</i> , 2010, 84, 7204-7213.	1.5	35
27	Membrane-Anchored Incorporation of a Foreign Protein in Recombinant Influenza Virions. <i>Virology</i> , 1998, 246, 83-94.	1.1	33
28	5'-Triphosphate-Short Interfering RNA: Potent Inhibition of Influenza A Virus Infection by Gene Silencing and RIG-I Activation. <i>Journal of Virology</i> , 2012, 86, 10359-10369.	1.5	33
29	Hepatitis C virus nonstructural protein-5A activates sterol regulatory element-binding protein-1c through transcription factor Sp1. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 549-553.	1.0	28
30	Pandemic H1N1 influenza virus-like particles are immunogenic and provide protective immunity to pigs. <i>Vaccine</i> , 2012, 30, 1297-1304.	1.7	27
31	Networks of Host Factors that Interact with NS1 Protein of Influenza A Virus. <i>Frontiers in Microbiology</i> , 2016, 7, 654.	1.5	27
32	An elastase-dependent attenuated heterologous swine influenza virus protects against pandemic H1N1 2009 influenza challenge in swine. <i>Vaccine</i> , 2011, 29, 3118-3123.	1.7	25
33	SREBP-1a activation by HBx and the effect on hepatitis B virus enhancer II/core promoter. <i>Biochemical and Biophysical Research Communications</i> , 2013, 432, 643-649.	1.0	25
34	Generation and Characterization of <i>Eptesicus fuscus</i> (Big brown bat) kidney cell lines immortalized using the Myotis polyomavirus large T-antigen. <i>Journal of Virological Methods</i> , 2016, 237, 166-173.	1.0	24
35	A recombinant E1-deleted porcine adenovirus-3 as an expression vector. <i>Virology</i> , 2003, 313, 377-386.	1.1	22
36	An Eight-Segment Swine Influenza Virus Harboring H1 and H3 Hemagglutinins Is Attenuated and Protective against H1N1 and H3N2 Subtypes in Pigs. <i>Journal of Virology</i> , 2013, 87, 10114-10125.	1.5	22

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37	Inhibition of Ongoing Influenza A Virus Replication Reveals Different Mechanisms of RIG-I Activation. <i>Journal of Virology</i> , 2019, 93, .	1.5	20
38	Swine Influenza Virus Induces RIPK1/DRP1-Mediated Interleukin-1 Beta Production. <i>Viruses</i> , 2018, 10, 419.	1.5	19
39	The role of Ran-binding protein 3 during influenza A virus replication. <i>Journal of General Virology</i> , 2013, 94, 977-984.	1.3	18
40	The role of PTEN - HCV core interaction in hepatitis C virus replication. <i>Scientific Reports</i> , 2017, 7, 3695.	1.6	18
41	Intradermal immunization with inactivated swine influenza virus and adjuvant polydi(sodium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 reduced lung viral titres in pigs. <i>Vaccine</i> , 2018, 36, 1606-1613.	1.7	16
42	Cytoplasm and Beyond: Dynamic Innate Immune Sensing of Influenza A Virus by RIG-I. <i>Journal of Virology</i> , 2019, 93, .	1.5	16
43	Influenza A Virus Infection Activates NLRP3 Inflammasome through Trans-Golgi Network Dispersion. <i>Viruses</i> , 2022, 14, 88.	1.5	16
44	Determination of bovine adenovirus-3 titer based on immunohistochemical detection of DNA binding protein in infected cells. <i>Journal of Virological Methods</i> , 2001, 94, 147-153.	1.0	13
45	Influence of maternally-derived antibodies on live attenuated influenza vaccine efficacy in pigs. <i>Vaccine</i> , 2015, 33, 3667-3672.	1.7	12
46	RNA interference of influenza A virus replication by microRNA-adapted lentiviral loop short hairpin RNA. <i>Journal of General Virology</i> , 2015, 96, 2971-2981.	1.3	12
47	Bovine Adenovirus Type 3 E1Bsmall Protein Is Essential for Growth in Bovine Fibroblast Cells. <i>Virology</i> , 2001, 288, 264-274.	1.1	9
48	Protective efficacy of intranasally administered bivalent live influenza vaccine and immunological mechanisms underlying the protection. <i>Vaccine</i> , 2014, 32, 3835-3842.	1.7	9
49	Stronger activation of SREBP-1a by nucleus-localized HBx. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 561-565.	1.0	9
50	In Vivo Characterization of Avian Influenza A (H5N1) and (H7N9) Viruses Isolated from Canadian Travelers. <i>Viruses</i> , 2019, 11, 193.	1.5	8
51	Innate immunomodulator containing adjuvant formulated HA based vaccine protects mice from lethal infection of highly pathogenic avian influenza H5N1 virus. <i>Vaccine</i> , 2020, 38, 2387-2395.	1.7	8
52	Characterization of DNA Binding Protein of Porcine Adenovirus Type 3. <i>Intervirology</i> , 2001, 44, 350-354.	1.2	7
53	Utilization of RNA polymerase I promoter and terminator sequences to develop a DNA transfection system for the study of hepatitis C virus internal ribosomal entry site-dependent translation. <i>Journal of Clinical Virology</i> , 2007, 40, 55-59.	1.6	5
54	A Replication-Defective Influenza Virus Harboring H5 and H7 Hemagglutinins Provides Protection against H5N1 and H7N9 Infection in Mice. <i>Journal of Virology</i> , 2021, 95, .	1.5	5

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55	A Replication-Defective Influenza Virus Vaccine Confers Complete Protection against H7N9 Viral Infection in Mice. <i>Vaccines</i> , 2020, 8, 207.	2.1	4
56	NLRP3 Inflammasome Activation Enhanced by TRIM25 is Targeted by the NS1 Protein of 2009 Pandemic Influenza A Virus. <i>Frontiers in Microbiology</i> , 2021, 12, 778950.	1.5	4
57	A bivalent live attenuated influenza virus vaccine protects against H1N2 and H3N2 viral infection in swine. <i>Veterinary Microbiology</i> , 2021, 253, 108968.	0.8	3
58	Porcine adenovirus type 3 E1Blarge protein downregulates the induction of IL-8. <i>Virology Journal</i> , 2007, 4, 60.	1.4	2
59	A single dose vaccination with an elastase-dependent H1N1 live attenuated swine influenza virus protects pigs from challenge with 2009 pandemic H1N1 virus. <i>Acta Veterinaria</i> , 2014, 64, 10-23.	0.2	1
60	Acquisition of Avian-Origin PB1 Facilitates Viral RNA Synthesis by the 2009 Pandemic H1N1 Virus Polymerase. <i>Viruses</i> , 2020, 12, 266.	1.5	1
61	Epithelial Ion Channel Function Altered by Influenza A Induced Cytokine Production. <i>FASEB Journal</i> , 2013, 27, 913.5.	0.2	0