

Shuqi Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,722
citations

304743

22
h-index

289244

40
g-index

50
all docs

50
docs citations

50
times ranked

2053
citing authors

#	ARTICLE	IF	CITATIONS
1	A deep investigation into the adipogenesis mechanism: Profile of microRNAs regulating adipogenesis by modulating the canonical Wnt/ β^2 -catenin signaling pathway. <i>BMC Genomics</i> , 2010, 11, 320.	2.8	190
2	Understanding PRRSV Infection in Porcine Lung Based on Genome-Wide Transcriptome Response Identified by Deep Sequencing. <i>PLoS ONE</i> , 2010, 5, e11377.	2.5	119
3	Antiviral Strategies against PRRSV Infection. <i>Trends in Microbiology</i> , 2017, 25, 968-979.	7.7	102
4	Dominant subtype switch in avian influenza viruses during 2016–2019 in China. <i>Nature Communications</i> , 2020, 11, 5909.	12.8	93
5	Aberrant host immune response induced by highly virulent PRRSV identified by digital gene expression tag profiling. <i>BMC Genomics</i> , 2010, 11, 544.	2.8	78
6	MYH9 is an Essential Factor for Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>Scientific Reports</i> , 2016, 6, 25120.	3.3	78
7	MicroRNA miR-24-3p Promotes Porcine Reproductive and Respiratory Syndrome Virus Replication through Suppression of Heme Oxygenase-1 Expression. <i>Journal of Virology</i> , 2015, 89, 4494-4503.	3.4	76
8	Lipopolysaccharide-induced miR-1224 negatively regulates tumour necrosis factor- α gene expression by modulating Sp1. <i>Immunology</i> , 2011, 133, 8-20.	4.4	64
9	A novel porcine reproductive and respiratory syndrome virus vector system that stably expresses enhanced green fluorescent protein as a separate transcription unit. <i>Veterinary Research</i> , 2013, 44, 104.	3.0	60
10	Carbon Monoxide Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication by the Cyclic GMP/Protein Kinase G and NF- κ B Signaling Pathway. <i>Journal of Virology</i> , 2017, 91, .	3.4	55
11	Porcine epidemic diarrhea virus: Molecular mechanisms of attenuation and vaccines. <i>Microbial Pathogenesis</i> , 2020, 149, 104553.	2.9	55
12	Heme oxygenase-1 acts as an antiviral factor for porcine reproductive and respiratory syndrome virus infection and over-expression inhibits virus replication in vitro. <i>Antiviral Research</i> , 2014, 110, 60-69.	4.1	53
13	An intracellularly expressed Nsp9-specific nanobody in MARC-145 cells inhibits porcine reproductive and respiratory syndrome virus replication. <i>Veterinary Microbiology</i> , 2015, 181, 252-260.	1.9	53
14	Inhibition of HSP70 reduces porcine reproductive and respiratory syndrome virus replication in vitro. <i>BMC Microbiology</i> , 2014, 14, 64.	3.3	36
15	Heparanase Upregulation Contributes to Porcine Reproductive and Respiratory Syndrome Virus Release. <i>Journal of Virology</i> , 2017, 91, .	3.4	32
16	Integrated miRNA and mRNA transcriptomes of porcine alveolar macrophages (PAM cells) identifies strain-specific miRNA molecular signatures associated with H-PRRSV and N-PRRSV infection. <i>Molecular Biology Reports</i> , 2014, 41, 5863-5875.	2.3	31
17	Inhibition of HSP90 attenuates porcine reproductive and respiratory syndrome virus production in vitro. <i>Virology Journal</i> , 2014, 11, 17.	3.4	31
18	Curcumin is a promising inhibitor of genotype 2 porcine reproductive and respiratory syndrome virus infection. <i>BMC Veterinary Research</i> , 2017, 13, 298.	1.9	31

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19	Inhibition of highly pathogenic PRRSV replication in MARC-145 cells by artificial microRNAs. <i>Virology Journal</i> , 2011, 8, 491.	3.4	28
20	MicroRNA let-7f-5p Inhibits Porcine Reproductive and Respiratory Syndrome Virus by Targeting MYH9. <i>Scientific Reports</i> , 2016, 6, 34332.	3.3	28
21	A novel biotinylated nanobody-based blocking ELISA for the rapid and sensitive clinical detection of porcine epidemic diarrhea virus. <i>Journal of Nanobiotechnology</i> , 2019, 17, 96.	9.1	26
22	Antibody dependent enhancement: Unavoidable problems in vaccine development. <i>Advances in Immunology</i> , 2021, 151, 99-133.	2.2	25
23	MiR-22 promotes porcine reproductive and respiratory syndrome virus replication by targeting the host factor HO-1. <i>Veterinary Microbiology</i> , 2016, 192, 226-230.	1.9	23
24	Heme oxygenase-1 metabolite biliverdin, not iron, inhibits porcine reproductive and respiratory syndrome virus replication. <i>Free Radical Biology and Medicine</i> , 2017, 102, 149-161.	2.9	23
25	Cellular microRNA miR-10a-5p inhibits replication of porcine reproductive and respiratory syndrome virus by targeting the host factor signal recognition particle 14. <i>Journal of General Virology</i> , 2017, 98, 624-632.	2.9	23
26	The capsule of <i>Streptococcus equi</i> ssp. <i>zooeconomicus</i> is a target for attenuation in vaccine development. <i>Vaccine</i> , 2012, 30, 4670-4675.	3.8	22
27	Glycoprotein 5 of porcine reproductive and respiratory syndrome virus strain SD16 inhibits viral replication and causes G2/M cell cycle arrest, but does not induce cellular apoptosis in Marc-145 cells. <i>Virology</i> , 2015, 484, 136-145.	2.4	20
28	A novel intracellularly expressed NS5B-specific nanobody suppresses bovine viral diarrhea virus replication. <i>Veterinary Microbiology</i> , 2020, 240, 108449.	1.9	20
29	Rabbit hepatitis E virus is an opportunistic pathogen in specific-pathogen-free rabbits with the capability of cross-species transmission. <i>Veterinary Microbiology</i> , 2017, 201, 72-77.	1.9	19
30	Porcine reproductive and respiratory syndrome virus inhibits MARC-145 proliferation via inducing apoptosis and G2/M arrest by activation of Chk/Cdc25C and p53/p21 pathway. <i>Virology Journal</i> , 2018, 15, 169.	3.4	19
31	Proteome changes of lungs artificially infected with H-PRRSV and N-PRRSV by two-dimensional fluorescence difference gel electrophoresis. <i>Virology Journal</i> , 2010, 7, 107.	3.4	18
32	Heme Oxygenase-1 Suppresses Bovine Viral Diarrhoea Virus Replication in vitro. <i>Scientific Reports</i> , 2015, 5, 15575.	3.3	17
33	Development of a blocking ELISA for detection of antibodies against avian hepatitis E virus. <i>Journal of Virological Methods</i> , 2014, 204, 1-5.	2.1	16
34	Intracellularly expressed nanobodies against non-structural protein 4 of porcine reproductive and respiratory syndrome virus inhibit virus replication. <i>Biotechnology Letters</i> , 2016, 38, 1081-1088.	2.2	16
35	Carbon monoxide and biliverdin suppress bovine viral diarrhoea virus replication. <i>Journal of General Virology</i> , 2017, 98, 2982-2992.	2.9	16
36	Molecular Mechanism of Porcine Epidemic Diarrhea Virus Cell Tropism. <i>MBio</i> , 2022, 13, e0373921.	4.1	16

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37	Simultaneous Detection and Differentiation of Highly Virulent and Classical Chinese-Type Isolation of PRRSV by Real-Time RT-PCR. <i>Journal of Immunology Research</i> , 2014, 2014, 1-7.	2.2	14
38	Induction of HOXA3 by Porcine Reproductive and Respiratory Syndrome Virus Inhibits Type I Interferon Response through Negative Regulation of HO-1 Transcription. <i>Journal of Virology</i> , 2022, 96, JVI0186321.	3.4	14
39	Reverse genetic systems: Rational design of coronavirus live attenuated vaccines with immune sequelae. <i>Advances in Virus Research</i> , 2020, 107, 383-416.	2.1	13
40	Inhibition of replication of porcine reproductive and respiratory syndrome virus by hemin is highly dependent on heme oxygenase-1, but independent of iron in MARC-145 cells. <i>Antiviral Research</i> , 2014, 105, 39-46.	4.1	12
41	Genomic characteristics and pathogenicity of a new recombinant strain of porcine reproductive and respiratory syndrome virus. <i>Archives of Virology</i> , 2021, 166, 389-402.	2.1	10
42	GP5 expression in Marc-145 cells inhibits porcine reproductive and respiratory syndrome virus infection by inducing beta interferon activity. <i>Veterinary Microbiology</i> , 2014, 174, 409-418.	1.9	9
43	MicroRNA ssc-miR-124a exhibits antiviral activity against porcine reproductive and respiratory syndrome virus via suppression of host genes CD163. <i>Veterinary Microbiology</i> , 2021, 261, 109216.	1.9	9
44	Cellular microRNA miR-c89 inhibits replication of porcine reproductive and respiratory syndrome virus by targeting the host factor porcine retinoid X receptor 1 ² . <i>Journal of General Virology</i> , 2019, 100, 1407-1416.	2.9	9
45	Host Cells Actively Resist Porcine Reproductive and Respiratory Syndrome Virus Infection via the IRF8-MicroRNA-10a-SRP14 Regulatory Pathway. <i>Journal of Virology</i> , 2022, 96, e0000322.	3.4	9
46	Genetic characterization and pathogenicity of a novel recombinant PRRSV from lineage 1, 8 and 3 in China failed to infect MARC-145 cells. <i>Microbial Pathogenesis</i> , 2022, 165, 105469.	2.9	5
47	Single-chain anti-idiotypic antibody retains its specificity to porcine reproductive and respiratory syndrome virus GP5. <i>Immunology Letters</i> , 2015, 163, 8-13.	2.5	3
48	MicroRNA-like viral small RNA from porcine reproductive and respiratory syndrome virus negatively regulates viral replication by targeting the viral nonstructural protein 2. <i>Oncotarget</i> , 2016, 7, 82902-82920.	1.8	3