# Shuqi Xiao

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 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 | Induction of HOXA3 by Porcine Reproductive and Respiratory Syndrome Virus Inhibits Type I Interferon Response through Negative Regulation of HO-1 Transcription. Journal of Virology, 2022, 96, JVI0186321. | 3.4 | 14 |
| 2 | Molecular Mechanism of Porcine Epidemic Diarrhea Virus Cell Tropism. MBio, 2022, 13, e0373921. | 4.1 | 16 |
| 3 | Host Cells Actively Resist Porcine Reproductive and Respiratory Syndrome Virus Infection via the IRF8-MicroRNA-10a-SRP14 Regulatory Pathway. Journal of Virology, 2022, 96, e0000322. | 3.4 | 9 |
| 4 | Genetic characterization and pathogenicity of a novel recombinant PRRSV from lineage 1, 8 and 3 in China failed to infect MARC-145Âcells. Microbial Pathogenesis, 2022, 165, 105469. | 2.9 | 5 |
| 5 | Genomic characteristics and pathogenicity of a new recombinant strain of porcine reproductive and respiratory syndrome virus. Archives of Virology, 2021, 166, 389-402. | 2.1 | 10 |
| 6 | MicroRNA ssc-miR-124a exhibits antiviral activity against porcine reproductive and respiratory syndrome virus via suppression of host genes CD163. Veterinary Microbiology, 2021, 261, 109216. | 1.9 | 9 |
| 7 | Antibody dependent enhancement: Unavoidable problems in vaccine development. Advances in Immunology, 2021, 151, 99-133. | 2.2 | 25 |
| 8 | A novel intracellularly expressed NS5B-specific nanobody suppresses bovine viral diarrhea virus replication. Veterinary Microbiology, 2020, 240, 108449. | 1.9 | 20 |
| 9 | Porcine epidemic diarrhea virus: Molecular mechanisms of attenuation and vaccines. Microbial Pathogenesis, 2020, 149, 104553. | 2.9 | 55 |
| 10 | Reverse genetic systems: Rational design of coronavirus live attenuated vaccines with immune sequelae. Advances in Virus Research, 2020, 107, 383-416. | 2.1 | 13 |
| 11 | Dominant subtype switch in avian influenza viruses during 2016â€“2019 in China. Nature Communications, 2020, 11, 5909. | 12.8 | 93 |
| 12 | A novel biotinylated nanobody-based blocking ELISA for the rapid and sensitive clinical detection of porcine epidemic diarrhea virus. Journal of Nanobiotechnology, 2019, 17, 96. | 9.1 | 26 |
| 13 | Cellular microRNA miR-c89 inhibits replication of porcine reproductive and respiratory syndrome virus by targeting the host factor porcine retinoid X receptor Î². Journal of General Virology, 2019, 100, 1407-1416. | 2.9 | 9 |
| 14 | 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. Virology Journal, 2018, 15, 169. | 3.4 | 19 |
| 15 | Rabbit hepatitis E virus is an opportunistic pathogen in specific-pathogen-free rabbits with the capability of cross-species transmission. Veterinary Microbiology, 2017, 201, 72-77. | 1.9 | 19 |
| 16 | Heparanase Upregulation Contributes to Porcine Reproductive and Respiratory Syndrome Virus Release. Journal of Virology, 2017, 91, . | 3.4 | 32 |
| 17 | Heme oxygenase-1 metabolite biliverdin, not iron, inhibits porcine reproductive and respiratory syndrome virus replication. Free Radical Biology and Medicine, 2017, 102, 149-161. | 2.9 | 23 |
| 18 | Antiviral Strategies against PRRSV Infection. Trends in Microbiology, 2017, 25, 968-979. | 7.7 | 102 |

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|---|---|---|---|
| 19 | Carbon Monoxide Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication by the Cyclic GMP/Protein Kinase G and NF-Î¹B Signaling Pathway. Journal of Virology, 2017, 91, . | 3.4 | 55 |
| 20 | Curcumin is a promising inhibitor of genotype 2 porcine reproductive and respiratory syndrome virus infection. BMC Veterinary Research, 2017, 13, 298. | 1.9 | 31 |
| 21 | Cellular microRNA miR-10a-5p inhibits replication of porcine reproductive and respiratory syndrome virus by targeting the host factor signal recognition particle 14. Journal of General Virology, 2017, 98, 624-632. | 2.9 | 23 |
| 22 | Carbon monoxide and biliverdin suppress bovine viral diarrhoea virus replication. Journal of General Virology, 2017, 98, 2982-2992. | 2.9 | 16 |
| 23 | MiR-22 promotes porcine reproductive and respiratory syndrome virus replication by targeting the host factor HO-1. Veterinary Microbiology, 2016, 192, 226-230. | 1.9 | 23 |
| 24 | MYH9 is an Essential Factor for Porcine Reproductive and Respiratory Syndrome Virus Infection. Scientific Reports, 2016, 6, 25120. | 3.3 | 78 |
| 25 | MicroRNA let-7f-5p Inhibits Porcine Reproductive and Respiratory Syndrome Virus by Targeting MYH9. Scientific Reports, 2016, 6, 34332. | 3.3 | 28 |
| 26 | Intracellularly expressed nanobodies against non-structural protein 4 of porcine reproductive and respiratory syndrome virus inhibit virus replication. Biotechnology Letters, 2016, 38, 1081-1088. | 2.2 | 16 |
| 27 | MicroRNA-like viral small RNA from porcine reproductive and respiratory syndrome virus negatively regulates viral replication by targeting the viral nonstructural protein 2. Oncotarget, 2016, 7, 82902-82920. | 1.8 | 3 |
| 28 | Heme Oxygenase-1 Suppresses Bovine Viral Diarrhoea Virus Replication in vitro. Scientific Reports, 2015, 5, 15575. | 3.3 | 17 |
| 29 | An intracellularly expressed Nsp9-specific nanobody in MARC-145 cells inhibits porcine reproductive and respiratory syndrome virus replication. Veterinary Microbiology, 2015, 181, 252-260. | 1.9 | 53 |
| 30 | MicroRNA miR-24-3p Promotes Porcine Reproductive and Respiratory Syndrome Virus Replication through Suppression of Heme Oxygenase-1 Expression. Journal of Virology, 2015, 89, 4494-4503. | 3.4 | 76 |
| 31 | 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. Virology, 2015, 484, 136-145. | 2.4 | 20 |
| 32 | Single-chain anti-idiotypic antibody retains its specificity to porcine reproductive and respiratory syndrome virus GP5. Immunology Letters, 2015, 163, 8-13. | 2.5 | 3 |
| 33 | GP5 expression in Marc-145 cells inhibits porcine reproductive and respiratory syndrome virus infection by inducing beta interferon activity. Veterinary Microbiology, 2014, 174, 409-418. | 1.9 | 9 |
| 34 | Inhibition of HSP70 reduces porcine reproductive and respiratory syndrome virus replication in vitro. BMC Microbiology, 2014, 14, 64. | 3.3 | 36 |
| 35 | Simultaneous Detection and Differentiation of Highly Virulent and Classical Chinese-Type Isolation of PRRSV by Real-Time RT-PCR. Journal of Immunology Research, 2014, 2014, 1-7. | 2.2 | 14 |
| 36 | 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. Antiviral Research, 2014, 105, 39-46. | 4.1 | 12 |

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|---|---|---|---|
| 37 | Heme oxygenase-1 acts as an antiviral factor for porcine reproductive and respiratory syndrome virus infection and over-expression inhibits virus replication in vitro. Antiviral Research, 2014, 110, 60-69. | 4.1 | 53 |
| 38 | 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. Molecular Biology Reports, 2014, 41, 5863-5875. | 2.3 | 31 |
| 39 | Development of a blocking ELISA for detection of antibodies against avian hepatitis E virus. Journal of Virological Methods, 2014, 204, 1-5. | 2.1 | 16 |
| 40 | Inhibition of HSP90 attenuates porcine reproductive and respiratory syndrome virus production in vitro. Virology Journal, 2014, 11, 17. | 3.4 | 31 |
| 41 | A novel porcine reproductive and respiratory syndrome virus vector system that stably expresses enhanced green fluorescent protein as a separate transcription unit. Veterinary Research, 2013, 44, 104. | 3.0 | 60 |
| 42 | The capsule of Streptococcus equi ssp. zooepidemicus is a target for attenuation in vaccine development. Vaccine, 2012, 30, 4670-4675. | 3.8 | 22 |
| 43 | Lipopolysaccharideâ€induced miRâ€1224 negatively regulates tumour necrosis factorâ€± gene expression by modulating Sp1. Immunology, 2011, 133, 8-20. | 4.4 | 64 |
| 44 | Inhibition of highly pathogenic PRRSV replication in MARC-145 cells by artificial microRNAs. Virology Journal, 2011, 8, 491. | 3.4 | 28 |
| 45 | A deep investigation into the adipogenesis mechanism: Profile of microRNAs regulating adipogenesis by modulating the canonical Wnt/β-catenin signaling pathway. BMC Genomics, 2010, 11, 320. | 2.8 | 190 |
| 46 | Aberrant host immune response induced by highly virulent PRRSV identified by digital gene expression tag profiling. BMC Genomics, 2010, 11, 544. | 2.8 | 78 |
| 47 | Proteome changes of lungs artificially infected with H-PRRSV and N-PRRSV by two-dimensional fluorescence difference gel electrophoresis. Virology Journal, 2010, 7, 107. | 3.4 | 18 |
| 48 | Understanding PRRSV Infection in Porcine Lung Based on Genome-Wide Transcriptome Response Identified by Deep Sequencing. PLoS ONE, 2010, 5, e11377. | 2.5 | 119 |