# Liurong Fang

List of Publications by Year
in descending order

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| 143 | 6,033 | 57631 | 95083 |
|---|---|---|---|
| papers | citations | 44 h-index | 68 g-index |

| 147 | 147 | 147 | 4886 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Porcine epidemic diarrhea in China. Virus Research, 2016, 226, 7-13. | 1.1 | 201 |
| 2 | Porcine Epidemic Diarrhea Virus Nucleocapsid Protein Antagonizes Beta Interferon Production by Sequestering the Interaction between IRF3 and TBK1. Journal of Virology, 2014, 88, 8936-8945. | 1.5 | 179 |
| 3 | Multisite Inhibitors for Enteric Coronavirus: Antiviral Cationic Carbon Dots Based on Curcumin. ACS Applied Nano Materials, 2018, 1, 5451-5459. | 2.4 | 165 |
| 4 | The role of hypoxiaâ€inducible factor 1 in tumor immune evasion. Medicinal Research Reviews, 2021, 41, 1622-1643. | 5.0 | 157 |
| 5 | Glycyrrhizicâ€Acidâ€Based Carbon Dots with High Antiviral Activity by Multisite Inhibition Mechanisms. Small, 2020, 16, e1906206. | 5.2 | 148 |
| 6 | Porcine Epidemic Diarrhea Virus 3C-Like Protease Regulates Its Interferon Antagonism by Cleaving NEMO. Journal of Virology, 2016, 90, 2090-2101. | 1.5 | 146 |
| 7 | Glutathione-Capped Ag<sub>2</sub>S Nanoclusters Inhibit Coronavirus Proliferation through Blockage of Viral RNA Synthesis and Budding. ACS Applied Materials & Interfaces, 2018, 10, 4369-4378. | 4.0 | 141 |
| 8 | Foot-and-Mouth Disease Virus 3C Protease Cleaves NEMO To Impair Innate Immune Signaling. Journal of Virology, 2012, 86, 9311-9322. | 1.5 | 136 |
| 9 | Porcine Deltacoronavirus nsp5 Antagonizes Type I Interferon Signaling by Cleaving STAT2. Journal of Virology, 2017, 91, . | 1.5 | 122 |
| 10 | Porcine reproductive and respiratory syndrome virus (PRRSV) suppresses interferon-Î² production by interfering with the RIG-I signaling pathway. Molecular Immunology, 2008, 45, 2839-2846. | 1.0 | 121 |
| 11 | Carbon dots as inhibitors of virus by activation of type I interferon response. Carbon, 2016, 110, 278-285. | 5.4 | 121 |
| 12 | Porcine Deltacoronavirus in Mainland China. Emerging Infectious Diseases, 2015, 21, 2254-2255. | 2.0 | 119 |
| 13 | Recombination in Vaccine and Circulating Strains of Porcine Reproductive and Respiratory Syndrome Viruses. Emerging Infectious Diseases, 2009, 15, 2032-2035. | 2.0 | 109 |
| 14 | Porcine deltacoronavirus nsp5 inhibits interferon-Î² production through the cleavage of NEMO. Virology, 2017, 502, 33-38. | 1.1 | 106 |
| 15 | Isolation, genomic characterization, and pathogenicity of a Chinese porcine deltacoronavirus strain CHN-HN-2014. Veterinary Microbiology, 2016, 196, 98-106. | 0.8 | 102 |
| 16 | Antiviral Activity of Graphene Oxideâ€“Silver Nanocomposites by Preventing Viral Entry and Activation of the Antiviral Innate Immune Response. ACS Applied Bio Materials, 2018, 1, 1286-1293. | 2.3 | 94 |
| 17 | CD163 and pAPN double-knockout pigs are resistant to PRRSV and TGEV and exhibit decreased susceptibility to PDCoV while maintaining normal production performance. ELife, 2020, 9, . | 2.8 | 85 |
| 18 | Foot-and-mouth disease virus leader proteinase inhibits dsRNA-induced type I interferon transcription by decreasing interferon regulatory factor 3/7 in protein levels. Biochemical and Biophysical Research Communications, 2010, 399, 72-78. | 1.0 | 81 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Porcine Deltacoronavirus Accessory Protein NS6 Antagonizes Interferon Beta Production by Interfering with the Binding of RIG-I/MDA5 to Double-Stranded RNA. Journal of Virology, 2018, 92, . | 1.5 | 81 |
| 20 | Immunogenicity and protective efficacy of recombinant pseudorabies virus expressing the two major membrane-associated proteins of porcine reproductive and respiratory syndrome virus. Vaccine, 2007, 25, 547-560. | 1.7 | 80 |
| 21 | Hepatitis A Virus 3C Protease Cleaves NEMO To Impair Induction of Beta Interferon. Journal of Virology, 2014, 88, 10252-10258. | 1.5 | 77 |
| 22 | Evolutionary and genotypic analyses of global porcine epidemic diarrhea virus strains. Transboundary and Emerging Diseases, 2019, 66, 111-118. | 1.3 | 77 |
| 23 | MiR-125b Reduces Porcine Reproductive and Respiratory Syndrome Virus Replication by Negatively Regulating the NF-Î°B Pathway. PLoS ONE, 2013, 8, e55838. | 1.1 | 75 |
| 24 | Suppression of porcine reproductive and respiratory syndrome virus proliferation by glycyrrhizin. Antiviral Research, 2015, 120, 122-125. | 1.9 | 71 |
| 25 | Cholesterol 25-Hydroxylase Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication through Enzyme Activity-Dependent and -Independent Mechanisms. Journal of Virology, 2017, 91, . | 1.5 | 70 |
| 26 | Epidemiology and Evolutionary Characteristics of the Porcine Reproductive and Respiratory Syndrome Virus in China between 2006 and 2010. Journal of Clinical Microbiology, 2011, 49, 3175-3183. | 1.8 | 69 |
| 27 | Complete Genome Sequence of Porcine Epidemic Diarrhea Virus Strain AJ1102 Isolated from a Suckling Piglet with Acute Diarrhea in China. Journal of Virology, 2012, 86, 10910-10911. | 1.5 | 68 |
| 28 | DNA vaccines co-expressing GP5 and M proteins of porcine reproductive and respiratory syndrome virus (PRRSV) display enhanced immunogenicity. Vaccine, 2006, 24, 2869-2879. | 1.7 | 65 |
| 29 | Porcine Reproductive and Respiratory Syndrome Virus Induces IL-1Î²Production Depending on TLR4/MyD88 Pathway and NLRP3 Inflammasome in Primary Porcine Alveolar Macrophages. Mediators of Inflammation, 2014, 2014, 1-14. | 1.4 | 64 |
| 30 | Discovery of a novel accessory protein NS7a encoded by porcine deltacoronavirus. Journal of General Virology, 2017, 98, 173-178. | 1.3 | 62 |
| 31 | Immunogenicity of the highly pathogenic porcine reproductive and respiratory syndrome virus GP5 protein encoded by a synthetic ORF5 gene. Vaccine, 2009, 27, 1957-1963. | 1.7 | 61 |
| 32 | A conserved region of nonstructural protein 1 from alphacoronaviruses inhibits host gene expression and is critical for viral virulence. Journal of Biological Chemistry, 2019, 294, 13606-13618. | 1.6 | 61 |
| 33 | Proteome analysis of porcine epidemic diarrhea virus (PEDV)â€infected Vero cells. Proteomics, 2015, 15, 1819-1828. | 1.3 | 58 |
| 34 | Dimerization of Coronavirus nsp9 with Diverse Modes Enhances Its Nucleic Acid Binding Affinity. Journal of Virology, 2018, 92, . | 1.5 | 57 |
| 35 | Contribution of porcine aminopeptidase N to porcine deltacoronavirus infection. Emerging Microbes and Infections, 2018, 7, 1-13. | 3.0 | 56 |
| 36 | The genomic diversity of Chinese porcine reproductive and respiratory syndrome virus isolates from 1996 to 2009. Veterinary Microbiology, 2010, 146, 226-237. | 0.8 | 55 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Ubiquitin-Specific Proteases 25 Negatively Regulates Virus-Induced Type I Interferon Signaling. PLoS ONE, 2013, 8, e80976. | 1.1 | 55 |
| 38 | Porcine deltacoronavirus (PDCoV) infection suppresses RIG-I-mediated interferon-Î² production. Virology, 2016, 495, 10-17. | 1.1 | 52 |
| 39 | Porcine deltacoronavirus nsp15 antagonizes interferon-Î² production independently of its endoribonuclease activity. Molecular Immunology, 2019, 114, 100-107. | 1.0 | 52 |
| 40 | Ubiquitin-specific Protease 15 Negatively Regulates Virus-induced Type I Interferon Signaling via Catalytically-dependent and -independent Mechanisms. Scientific Reports, 2015, 5, 11220. | 1.6 | 51 |
| 41 | Comparison of immune responses and protective efficacy of suicidal DNA vaccine and conventional DNA vaccine encoding glycoprotein C of pseudorabies virus in mice. Vaccine, 2004, 22, 345-351. | 1.7 | 50 |
| 42 | Quantitative Proteomic Analysis Reveals That Transmissible Gastroenteritis Virus Activates the JAK-STAT1 Signaling Pathway. Journal of Proteome Research, 2014, 13, 5376-5390. | 1.8 | 50 |
| 43 | Exosomes Mediate Intercellular Transmission of Porcine Reproductive and Respiratory Syndrome Virus. Journal of Virology, 2018, 92, . | 1.5 | 50 |
| 44 | The nucleocapsid proteins of mouse hepatitis virus and severe acute respiratory syndrome coronavirus share the same IFN-Î² antagonizing mechanism: attenuation of PACT-mediated RIG-I/MDA5 activation. Oncotarget, 2017, 8, 49655-49670. | 0.8 | 50 |
| 45 | Porcine reproductive and respiratory syndrome virus nonstructural protein 2 contributes to NF-ÎºB activation. Virology Journal, 2012, 9, 83. | 1.4 | 47 |
| 46 | Identification of novel proteolytically inactive mutations in coronavirus 3Câ€like protease using a combined approach. FASEB Journal, 2019, 33, 14575-14587. | 0.2 | 47 |
| 47 | Construction and immunogenicity of pseudotype baculovirus expressing GP5 and M protein of porcine reproductive and respiratory syndrome virus. Vaccine, 2007, 25, 8220-8227. | 1.7 | 46 |
| 48 | A pseudotype baculovirus-mediated vaccine confers protective immunity against lethal challenge with H5N1 avian influenza virus in mice and chickens. Molecular Immunology, 2009, 46, 2210-2217. | 1.0 | 46 |
| 49 | Identification and subcellular localization of porcine deltacoronavirus accessory protein NS6. Virology, 2016, 499, 170-177. | 1.1 | 46 |
| 50 | Construction and immunogenicity of recombinant pseudotype baculovirus expressing the capsid protein of porcine circovirus type 2 in mice. Journal of Virological Methods, 2008, 150, 21-26. | 1.0 | 45 |
| 51 | Transmissible gastroenteritis virus infection induces NF-ÎºB activation through RLR-mediated signaling. Virology, 2017, 507, 170-178. | 1.1 | 45 |
| 52 | Foot-and-mouth disease virus (FMDV) leader proteinase negatively regulates the porcine interferon-Î»1 pathway. Molecular Immunology, 2011, 49, 407-412. | 1.0 | 44 |
| 53 | Induction of autophagy enhances porcine reproductive and respiratory syndrome virus replication. Virus Research, 2012, 163, 650-655. | 1.1 | 44 |
| 54 | Antiviral activity of type I and type III interferons against porcine reproductive and respiratory syndrome virus (PRRSV). Antiviral Research, 2011, 91, 99-101. | 1.9 | 43 |

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|---|---|---|---|
| 55 | Enhanced immunogenicity of the modified GP5 of porcine reproductive and respiratory syndrome virus. Virus Genes, 2006, 32, 5-11. | 0.7 | 42 |
| 56 | Porcine deltacoronavirus (PDCoV) modulates calcium influx to favor viral replication. Virology, 2020, 539, 38-48. | 1.1 | 39 |
| 57 | Immunogenicity of porcine circovirus type 2 capsid protein targeting to different subcellular compartments. Molecular Immunology, 2008, 45, 653-660. | 1.0 | 38 |
| 58 | Blue and cyan fluorescent carbon dots: one-pot synthesis, selective cell imaging and their antiviral activity. RSC Advances, 2017, 7, 28016-28023. | 1.7 | 37 |
| 59 | Functions of Coronavirus Accessory Proteins: Overview of the State of the Art. Viruses, 2021, 13, 1139. | 1.5 | 37 |
| 60 | Cellular RNA Helicase DDX1 Is Involved in Transmissible Gastroenteritis Virus nsp14-Induced Interferon-Beta Production. Frontiers in Immunology, 2017, 8, 940. | 2.2 | 36 |
| 61 | Structural Basis for the Inhibition of Host Gene Expression by Porcine Epidemic Diarrhea Virus nsp1. Journal of Virology, 2018, 92, . | 1.5 | 36 |
| 62 | Porcine reproductive and respiratory syndrome virus 3C protease cleaves the mitochondrial antiviral signalling complex to antagonize IFN-Î² expression. Journal of General Virology, 2015, 96, 3049-3058. | 1.3 | 36 |
| 63 | Activation of NF-ÎºB by nucleocapsid protein of the porcine reproductive and respiratory syndrome virus. Virus Genes, 2011, 42, 76-81. | 0.7 | 35 |
| 64 | The nonstructural protein 11 of porcine reproductive and respiratory syndrome virus inhibits NF-ÎºB signaling by means of its deubiquitinating activity. Molecular Immunology, 2015, 68, 357-366. | 1.0 | 35 |
| 65 | Foot-and-Mouth Disease Virus Counteracts on Internal Ribosome Entry Site Suppression by G3BP1 and Inhibits G3BP1-Mediated Stress Granule Assembly via Post-Translational Mechanisms. Frontiers in Immunology, 2018, 9, 1142. | 2.2 | 35 |
| 66 | Porcine Reproductive and Respiratory Syndrome Virus nsp11 Antagonizes Type I Interferon Signaling by Targeting IRF9. Journal of Virology, 2019, 93, . | 1.5 | 35 |
| 67 | Porcine reproductive and respiratory syndrome virus infection triggers HMGB1 release to promote inflammatory cytokine production. Virology, 2014, 468-470, 1-9. | 1.1 | 34 |
| 68 | Porcine reproductive and respiratory syndrome virus infection activates NOD2â€“RIP2 signal pathway in MARC-145 cells. Virology, 2014, 458-459, 162-171. | 1.1 | 33 |
| 69 | Molecular cloning and functional characterization of porcine IFN-Î² promoter stimulator 1 (IPS-1). Veterinary Immunology and Immunopathology, 2008, 125, 344-353. | 0.5 | 32 |
| 70 | Quantitative interactome reveals that porcine reproductive and respiratory syndrome virus nonstructural protein 2 forms a complex with viral nucleocapsid protein and cellular vimentin. Journal of Proteomics, 2016, 142, 70-81. | 1.2 | 32 |
| 71 | Porcine Reproductive and Respiratory Syndrome Virus nsp1Î± Inhibits NF-ÎºB Activation by Targeting the Linear Ubiquitin Chain Assembly Complex. Journal of Virology, 2017, 91, . | 1.5 | 32 |
| 72 | DEAD/H-box helicases:Anti-viral and pro-viral roles during infections. Virus Research, 2022, 309, 198658. | 1.1 | 32 |

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|---|---|---|---|
| 73 | Identification and functional analysis of the novel ORF6 protein of porcine circovirus type 2 in vitro. Veterinary Research Communications, 2018, 42, 1-10. | 0.6 | 31 |
| 74 | Susceptibility of porcine IPI-2I intestinal epithelial cells to infection with swine enteric coronaviruses. Veterinary Microbiology, 2019, 233, 21-27. | 0.8 | 31 |
| 75 | Glutathione-Stabilized Fluorescent Gold Nanoclusters Vary in Their Influences on the Proliferation of Pseudorabies Virus and Porcine Reproductive and Respiratory Syndrome Virus. ACS Applied Nano Materials, 2018, 1, 969-976. | 2.4 | 30 |
| 76 | Molecular cloning, functional characterization and antiviral activity of porcine DDX3X. Biochemical and Biophysical Research Communications, 2014, 443, 1169-1175. | 1.0 | 29 |
| 77 | Porcine bocavirus NP1 negatively regulates interferon signaling pathway by targeting the DNA-binding domain of IRF9. Virology, 2015, 485, 414-421. | 1.1 | 29 |
| 78 | Porcine Reproductive and Respiratory Syndrome Virus Infection Induces Stress Granule Formation Depending on Protein Kinase R-like Endoplasmic Reticulum Kinase (PERK) in MARC-145 Cells. Frontiers in Cellular and Infection Microbiology, 2017, 7, 111. | 1.8 | 28 |
| 79 | Porcine deltacoronavirus nucleocapsid protein antagonizes IFN-Î² production by impairing dsRNA and PACT binding to RIG-I. Virus Genes, 2019, 55, 520-531. | 0.7 | 28 |
| 80 | Molecular cloning and functional characterization of porcine DEAD (Aspâ€“Gluâ€“Alaâ€“Asp) box polypeptide 41 (DDX41). Developmental and Comparative Immunology, 2014, 47, 191-196. | 1.0 | 27 |
| 81 | Porcine reproductive and respiratory syndrome virus (PRRSV) infection activates chemokine RANTES in MARC-145 cells. Molecular Immunology, 2011, 48, 586-591. | 1.0 | 26 |
| 82 | Arterivirus nsp4 Antagonizes Interferon Beta Production by Proteolytically Cleaving NEMO at Multiple Sites. Journal of Virology, 2019, 93, . | 1.5 | 26 |
| 83 | Porcine Deltacoronavirus nsp5 Cleaves DCP1A To Decrease Its Antiviral Activity. Journal of Virology, 2020, 94, . | 1.5 | 26 |
| 84 | Probing the interactions of CdTe quantum dots with pseudorabies virus. Scientific Reports, 2015, 5, 16403. | 1.6 | 25 |
| 85 | Porcine Deltacoronavirus Accessory Protein NS7a Antagonizes IFN-Î² Production by Competing With TRAF3 and IRF3 for Binding to IKKÎµ. Frontiers in Cellular and Infection Microbiology, 2020, 10, 257. | 1.8 | 23 |
| 86 | A new immunoassay of serum antibodies against Peste des petits ruminants virus using quantum dots and a lateral-flow test strip. Analytical and Bioanalytical Chemistry, 2017, 409, 133-141. | 1.9 | 22 |
| 87 | Porcine Reproductive and Respiratory Syndrome Virus Infection Induces both eIF2Î± Phosphorylation-Dependent and -Independent Host Translation Shutoff. Journal of Virology, 2018, 92, . | 1.5 | 22 |
| 88 | Receptor tyrosine kinase inhibitors block proliferation of TGEV mainly through p38 mitogen-activated protein kinase pathways. Antiviral Research, 2020, 173, 104651. | 1.9 | 21 |
| 89 | Crossâ€spec ies transmission of deltacoronavirus and the origin of porcine deltacoronavirus. Evolutionary Applications, 2020, 13, 2246-2253. | 1.5 | 21 |
| 90 | Efficient gene delivery into mammalian cells by recombinant baculovirus containing a hybrid cytomegalovirus promoter/Semliki Forest virus replicon. Journal of Gene Medicine, 2009, 11, 1030-1038. | 1.4 | 20 |

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|---|---|---|---|
| 91 | Porcine Reproductive and Respiratory Syndrome Virus Nonstructural Protein 4 Cleaves Porcine DCP1a To Attenuate Its Antiviral Activity. Journal of Immunology, 2018, 201, 2345-2353. | 0.4 | 20 |
| 92 | Insight into the evolution of nidovirus endoribonuclease based on the finding that nsp15 from porcine Deltacoronavirus functions as a dimer. Journal of Biological Chemistry, 2018, 293, 12054-12067. | 1.6 | 20 |
| 93 | Surface proteins mhp390 (P68) contributes to cilium adherence and mediates inflammation and apoptosis in Mycoplasma hyopneumoniae. Microbial Pathogenesis, 2019, 126, 92-100. | 1.3 | 20 |
| 94 | Rapid manipulation of the porcine epidemic diarrhea virus genome by CRISPR/Cas9 technology. Journal of Virological Methods, 2020, 276, 113772. | 1.0 | 20 |
| 95 | Identification of two antiviral inhibitors targeting 3C-like serine/3C-like protease of porcine reproductive and respiratory syndrome virus and porcine epidemic diarrhea virus. Veterinary Microbiology, 2018, 213, 114-122. | 0.8 | 19 |
| 96 | SARS-CoV-2 nsp5 Exhibits Stronger Catalytic Activity and Interferon Antagonism than Its SARS-CoV Ortholog. Journal of Virology, 2022, 96, e0003722. | 1.5 | 19 |
| 97 | Foot-and-mouth disease virus leader proteinase inhibits dsRNA-induced RANTES transcription in PK-15 cells. Virus Genes, 2011, 42, 388-393. | 0.7 | 18 |
| 98 | DExD/H-Box Helicase 36 Signaling via Myeloid Differentiation Primary Response Gene 88 Contributes to NF-Î²B Activation to Type 2 Porcine Reproductive and Respiratory Syndrome Virus Infection. Frontiers in Immunology, 2017, 8, 1365. | 2.2 | 18 |
| 99 | Porcine reproductive and respiratory syndrome virus infection induces endoplasmic reticulum stress, facilitates virus replication, and contributes to autophagy and apoptosis. Scientific Reports, 2020, 10, 13131. | 1.6 | 18 |
| 100 | Porcine Reproductive and Respiratory Syndrome Virus E Protein Degrades Porcine Cholesterol 25-Hydroxylase via the Ubiquitin-Proteasome Pathway. Journal of Virology, 2019, 93, . | 1.5 | 17 |
| 101 | Porcine deltacoronavirus (PDCoV) infection antagonizes interferon-Î»1 production. Veterinary Microbiology, 2020, 247, 108785. | 0.8 | 17 |
| 102 | Cellular membrane cholesterol is required for porcine reproductive and respiratory syndrome virus entry and release in MARC-145 cells. Science China Life Sciences, 2011, 54, 1011-1018. | 2.3 | 16 |
| 103 | A novel firefly luciferase biosensor enhances the detection of apoptosis induced by ESAT-6 family proteins of Mycobacterium tuberculosis. Biochemical and Biophysical Research Communications, 2014, 452, 1046-1053. | 1.0 | 16 |
| 104 | Rabies-virus-glycoprotein-pseudotyped recombinant baculovirus vaccine confers complete protection against lethal rabies virus challenge in a mouse model. Veterinary Microbiology, 2014, 171, 93-101. | 0.8 | 16 |
| 105 | Fatty Acids Regulate Porcine Reproductive and Respiratory Syndrome Virus Infection via the AMPK-ACC1 Signaling Pathway. Viruses, 2019, 11, 1145. | 1.5 | 16 |
| 106 | Cholesterol 25-hydroxylase suppresses porcine deltacoronavirus infection by inhibiting viral entry. Virus Research, 2021, 295, 198306. | 1.1 | 16 |
| 107 | Porcine Epidemic Diarrhea Virus nsp7 Inhibits Interferon-Induced JAK-STAT Signaling through Sequestering the Interaction between KPNA1 and STAT1. Journal of Virology, 2022, 96, e0040022. | 1.5 | 16 |
| 108 | GSH-ZnS Nanoparticles Exhibit High-Efficiency and Broad-Spectrum Antiviral Activities via Multistep Inhibition Mechanisms. ACS Applied Bio Materials, 2020, 3, 4809-4819. | 2.3 | 15 |

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|---|---|---|---|
| 109 | Enhanced immunogenicity induced by an alphavirus replicon-based pseudotyped baculovirus vaccine against porcine reproductive and respiratory syndrome virus. Journal of Virological Methods, 2013, 187, 251-258. | 1.0 | 14 |
| 110 | Global analysis of ubiquitome in PRRSV-infected pulmonary alveolar macrophages. Journal of Proteomics, 2018, 184, 16-24. | 1.2 | 12 |
| 111 | Porcine Deltacoronavirus Enters Porcine IPI-2I Intestinal Epithelial Cells via Macropinocytosis and Clathrin-Mediated Endocytosis Dependent on pH and Dynamin. Journal of Virology, 2021, 95, e0134521. | 1.5 | 12 |
| 112 | Inhibitory effect and mechanism of gelatin stabilized ferrous sulfide nanoparticles on porcine reproductive and respiratory syndrome virus. Journal of Nanobiotechnology, 2022, 20, 70. | 4.2 | 12 |
| 113 | Assessing activity of Hepatitis A virus 3C protease using a cyclized luciferase-based biosensor. Biochemical and Biophysical Research Communications, 2017, 488, 621-627. | 1.0 | 11 |
| 114 | Complete Genome Sequence of a Novel Deletion Porcine Reproductive and Respiratory Syndrome Virus Strain. Genome Announcements, 2013, 1, . | 0.8 | 10 |
| 115 | Mycobacterium tuberculosis Rv2185c contributes to nuclear factor-ÎºB activation. Molecular Immunology, 2015, 66, 147-153. | 1.0 | 10 |
| 116 | Construction, Characterization and Application of Recombinant Porcine Deltacoronavirus Expressing Nanoluciferase. Viruses, 2021, 13, 1991. | 1.5 | 10 |
| 117 | Evolutionary Dynamics of Type 2 Porcine Reproductive and Respiratory Syndrome Virus by Whole-Genome Analysis. Viruses, 2021, 13, 2469. | 1.5 | 10 |
| 118 | Protective immunity elicited by a pseudotyped baculovirus-mediated bivalent H5N1 influenza vaccine. Antiviral Research, 2011, 92, 493-496. | 1.9 | 9 |
| 119 | The ubiquitin proteasome system is necessary for efficient proliferation of porcine reproductive and respiratory syndrome virus. Veterinary Microbiology, 2021, 253, 108947. | 0.8 | 9 |
| 120 | SILAC-based quantitative proteomic analysis of secretome of Marc-145 cells infected with porcine reproductive and respiratory syndrome virus. Proteomics, 2016, 16, 2678-2687. | 1.3 | 8 |
| 121 | Quantitative Proteomic Analyses of a Pathogenic Strain and Its Highly Passaged Attenuated Strain ofMycoplasma hyopneumoniae. BioMed Research International, 2019, 2019, 1-18. | 0.9 | 8 |
| 122 | Porcine reproductive and respiratory syndrome virus nsp4 positively regulates cellular cholesterol to inhibit type I interferon production. Redox Biology, 2022, 49, 102207. | 3.9 | 8 |
| 123 | Porcine reproductive and respiratory syndrome virus infection promotes C1QBP secretion to enhance inflammatory responses. Veterinary Microbiology, 2020, 241, 108563. | 0.8 | 7 |
| 124 | ATPase and helicase activities of porcine epidemic diarrhea virus nsp13. Veterinary Microbiology, 2021, 257, 109074. | 0.8 | 7 |
| 125 | Replicative capacity of four porcine enteric coronaviruses in LLC-PK1 cells. Archives of Virology, 2021, 166, 935-941. | 0.9 | 7 |
| 126 | Porcine bocavirus NP1 protein suppresses type I IFN production by interfering with IRF3 DNA-binding activity. Virus Genes, 2016, 52, 797-805. | 0.7 | 6 |

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|---|---|---|---|
| 127 | Porcine deltacoronavirus nsp10 antagonizes interferon-Î² production independently of its zinc finger domains. Virology, 2021, 559, 46-56. | 1.1 | 5 |
| 128 | DEAD-Box RNA Helicase 21 (DDX21) Positively Regulates the Replication of Porcine Reproductive and Respiratory Syndrome Virus via Multiple Mechanisms. Viruses, 2022, 14, 467. | 1.5 | 4 |
| 129 | Norovirus 3C-Like protease antagonizes interferon-Î² production by cleaving NEMO. Virology, 2022, 571, 12-20. | 1.1 | 4 |
| 130 | Porcine Intestinal Organoids: Overview of the State of the Art. Viruses, 2022, 14, 1110. | 1.5 | 4 |
| 131 | Molecular cloning and functional characterization of porcine E74-like factor 4 (ELF4). Developmental and Comparative Immunology, 2016, 65, 149-158. | 1.0 | 3 |
| 132 | Differential contributions of porcine bocavirus NP1 protein N- and C-terminal regions to its nuclear localization and immune regulation. Journal of General Virology, 2016, 97, 1178-1188. | 1.3 | 3 |
| 133 | Induction and modulation of the unfolded protein response during porcine deltacoronavirus infection. Veterinary Microbiology, 2022, 271, 109494. | 0.8 | 3 |
| 134 | Hypodermin A, a potential agent for prevention of allogeneic acute rejection. Transplant Immunology, 2015, 33, 198-203. | 0.6 | 2 |
| 135 | Polyamine regulation of porcine reproductive and respiratory syndrome virus infection depends on spermidine-spermine acetyltransferase 1. Veterinary Microbiology, 2020, 250, 108839. | 0.8 | 2 |
| 136 | Characterization of Self-Processing Activities and Substrate Specificities of Porcine Torovirus 3C-Like Protease. Journal of Virology, 2020, 94, . | 1.5 | 2 |
| 137 | Molecular cloning and functional characterization of duck DEAD (Asp-Glu-Ala-Asp) box RNA helicase 3 (DDX3X). Biochemical and Biophysical Research Communications, 2020, 527, 496-502. | 1.0 | 2 |
| 138 | Antiviral Carbon Dots: Glycyrrhizicâ€Acidâ€Based Carbon Dots with High Antiviral Activity by Multisite Inhibition Mechanisms (Small 13/2020). Small, 2020, 16, 2070068. | 5.2 | 2 |
| 139 | Molecular cloning of the porcine RANTES promoter: Functional characterization of dsDNA/dsRNA response elements in PK-15 cells. Developmental and Comparative Immunology, 2011, 35, 345-351. | 1.0 | 1 |
| 140 | Proteome analysis of differential protein expression in porcine alveolar macrophages regulated by porcine reproductive and respiratory syndrome virus nsp1Î² protein. Virus Genes, 2018, 54, 385-396. | 0.7 | 1 |
| 141 | Molecular characterization and functional analysis of duck CCCH-type zinc finger antiviral protein (ZAP). Biochemical and Biophysical Research Communications, 2021, 561, 52-58. | 1.0 | 1 |
| 142 | Back Cover Image, Volume 41, Issue 3. Medicinal Research Reviews, 2021, 41, iv. | 5.0 | 0 |
| 143 | An intermolecular salt bridge linking substrate binding and P1 substrate specificity switch of arterivirus 3C-like proteases. Computational and Structural Biotechnology Journal, 2022, 20, 3409-3421. | 1.9 | 0 |