

Ding Xiang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,896
citations

279798

23
h-index

345221

36
g-index

37
all docs

37
docs citations

37
times ranked

5548
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Human Coronavirus: Host-Pathogen Interaction. Annual Review of Microbiology, 2019, 73, 529-557. | 7.3 | 777 |
| 2 | Human Coronaviruses: A Review of Virus-Host Interactions. Diseases (Basel, Switzerland), 2016, 4, 26. | 2.5 | 474 |
| 3 | Post-translational modifications of coronavirus proteins: roles and function. Future Virology, 2018, 13, 405-430. | 1.8 | 191 |
| 4 | Proteolytic Activation of the Spike Protein at a Novel RRRR/S Motif Is Implicated in Furin-Dependent Entry, Syncytium Formation, and Infectivity of Coronavirus Infectious Bronchitis Virus in Cultured Cells. Journal of Virology, 2009, 83, 8744-8758. | 3.4 | 136 |
| 5 | Upregulation of CHOP/GADD153 during Coronavirus Infectious Bronchitis Virus Infection Modulates Apoptosis by Restricting Activation of the Extracellular Signal-Regulated Kinase Pathway. Journal of Virology, 2013, 87, 8124-8134. | 3.4 | 104 |
| 6 | The Endoplasmic Reticulum Stress Sensor IRE1 β Protects Cells from Apoptosis Induced by the Coronavirus Infectious Bronchitis Virus. Journal of Virology, 2014, 88, 12752-12764. | 3.4 | 101 |
| 7 | Coronavirus-induced ER stress response and its involvement in regulation of coronavirus-host interactions. Virus Research, 2014, 194, 110-123. | 2.2 | 98 |
| 8 | Cell cycle arrest and apoptosis induced by the coronavirus infectious bronchitis virus in the absence of p53. Virology, 2007, 365, 435-445. | 2.4 | 90 |
| 9 | Accessory proteins 8b and 8ab of severe acute respiratory syndrome coronavirus suppress the interferon signaling pathway by mediating ubiquitin-dependent rapid degradation of interferon regulatory factor 3. Virology, 2018, 515, 165-175. | 2.4 | 88 |
| 10 | Inhibition of Protein Kinase R Activation and Upregulation of GADD34 Expression Play a Synergistic Role in Facilitating Coronavirus Replication by Maintaining De Novo Protein Synthesis in Virus-Infected Cells. Journal of Virology, 2009, 83, 12462-12472. | 3.4 | 85 |
| 11 | Coronavirus Infection Induces DNA Replication Stress Partly through Interaction of Its Nonstructural Protein 13 with the p125 Subunit of DNA Polymerase β . Journal of Biological Chemistry, 2011, 286, 39546-39559. | 3.4 | 81 |
| 12 | Regulation of Stress Responses and Translational Control by Coronavirus. Viruses, 2016, 8, 184. | 3.3 | 69 |
| 13 | The ER stress sensor IRE1 and MAP kinase ERK modulate autophagy induction in cells infected with coronavirus infectious bronchitis virus. Virology, 2019, 533, 34-44. | 2.4 | 54 |
| 14 | Identification of N-linked glycosylation sites in the spike protein and their functional impact on the replication and infectivity of coronavirus infectious bronchitis virus in cell culture. Virology, 2018, 513, 65-74. | 2.4 | 53 |
| 15 | Similarities and Dissimilarities of COVID-19 and Other Coronavirus Diseases. Annual Review of Microbiology, 2021, 75, 19-47. | 7.3 | 52 |
| 16 | Regulation of the p38 mitogen-activated protein kinase and dual-specificity phosphatase 1 feedback loop modulates the induction of interleukin 6 and 8 in cells infected with coronavirus infectious bronchitis virus. Virology, 2011, 420, 106-116. | 2.4 | 50 |
| 17 | Interaction of the Coronavirus Infectious Bronchitis Virus Membrane Protein with β -Actin and Its Implication in Virion Assembly and Budding. PLoS ONE, 2009, 4, e4908. | 2.5 | 49 |
| 18 | Activation of the c-Jun NH2-terminal kinase pathway by coronavirus infectious bronchitis virus promotes apoptosis independently of c-Jun. Cell Death and Disease, 2017, 8, 3215. | 6.3 | 45 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Regulation of the ER Stress Response by the Ion Channel Activity of the Infectious Bronchitis Coronavirus Envelope Protein Modulates Virion Release, Apoptosis, Viral Fitness, and Pathogenesis. <i>Frontiers in Microbiology</i> , 2020, 10, 3022. | 3.5 | 45 |
| 20 | Gene expression profiling by microarray analysis reveals an important role for caspase-1 in dengue virus-induced p53-mediated apoptosis. <i>Journal of Medical Virology</i> , 2009, 81, 1069-1081. | 5.0 | 43 |
| 21 | Up-Regulation of Mcl-1 and Bak by Coronavirus Infection of Human, Avian and Animal Cells Modulates Apoptosis and Viral Replication. <i>PLoS ONE</i> , 2012, 7, e30191. | 2.5 | 36 |
| 22 | Channel-Inactivating Mutations and Their Revertant Mutants in the Envelope Protein of Infectious Bronchitis Virus. <i>Journal of Virology</i> , 2017, 91, . | 3.4 | 27 |
| 23 | Coronavirus infectious bronchitis virus non-structural proteins 8 and 12 form stable complex independent of the non-translated regions of viral RNA and other viral proteins. <i>Virology</i> , 2018, 513, 75-84. | 2.4 | 25 |
| 24 | N-Linked glycosylation of the membrane protein ectodomain regulates infectious bronchitis virus-induced ER stress response, apoptosis and pathogenesis. <i>Virology</i> , 2019, 531, 48-56. | 2.4 | 25 |
| 25 | Induction of the Proinflammatory Chemokine Interleukin-8 Is Regulated by Integrated Stress Response and AP-1 Family Proteins Activated during Coronavirus Infection. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5646. | 4.1 | 18 |
| 26 | Biochemical and antigenic characterization of the structural proteins and their post-translational modifications in purified SARS-CoV-2 virions of an inactivated vaccine candidate. <i>Emerging Microbes and Infections</i> , 2020, 9, 2653-2662. | 6.5 | 17 |
| 27 | A Gammacoronavirus, Avian Infectious Bronchitis Virus, and an Alphacoronavirus, Porcine Epidemic Diarrhea Virus, Exploit a Cell Survival Strategy by Upregulating cFOS To Promote Virus Replication. <i>Journal of Virology</i> , 2021, 95, . | 3.4 | 15 |
| 28 | Transcriptomic Analysis and Functional Characterization Reveal the Duck Interferon Regulatory Factor 1 as an Important Restriction Factor in the Replication of Tembusu Virus. <i>Frontiers in Microbiology</i> , 2020, 11, 2069. | 3.5 | 8 |
| 29 | Development of HiBiT-Tagged Recombinant Infectious Bronchitis Coronavirus for Efficient in vitro and in vivo Viral Quantification. <i>Frontiers in Microbiology</i> , 2020, 11, 2100. | 3.5 | 8 |
| 30 | Modulation of viral replication, apoptosis and antiviral response by induction and mutual regulation of EGR and AP-1 family genes during coronavirus infection. <i>Emerging Microbes and Infections</i> , 2022, 11, 1717-1729. | 6.5 | 7 |
| 31 | Research progress in the development of porcine reproductive and respiratory syndrome virus as a viral vector for foreign gene expression and delivery. <i>Expert Review of Vaccines</i> , 2020, 19, 1041-1051. | 4.4 | 6 |
| 32 | Avian IRF1 and IRF7 Play Overlapping and Distinct Roles in Regulating IFN-Dependent and -Independent Antiviral Responses to Duck Tembusu Virus Infection. <i>Viruses</i> , 2022, 14, 1506. | 3.3 | 6 |
| 33 | Rapid Development of an Effective Newcastle Disease Virus Vaccine Candidate by Attenuation of a Genotype VII Velogenic Isolate Using a Simple Infectious Cloning System. <i>Frontiers in Veterinary Science</i> , 2020, 7, 648. | 2.2 | 4 |
| 34 | Identification and formation mechanism of a novel noncoding RNA produced by avian infectious bronchitis virus. <i>Virology</i> , 2019, 528, 176-180. | 2.4 | 3 |
| 35 | Activation of the MKK3-p38-MK2-ZFP36 Axis by Coronavirus Infection Restricts the Upregulation of AU-Rich Element-Containing Transcripts in Proinflammatory Responses. <i>Journal of Virology</i> , 2022, 96, jvi0208621. | 3.4 | 3 |
| 36 | Infectious Bronchitis Virus. , 2019, , . | | 2 |

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|----|--|-----|-----------|
| 37 | The Methyltransferase HemK Regulates the Virulence and Nutrient Utilization of the Phytopathogenic Bacterium <i>Xanthomonas citri</i> Subsp. <i>citri</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 3931. | 4.1 | 1 |