# Deyin Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 160 papers | 9,095 citations | 61984 43 h-index | 49909 87 g-index |
| 166 all docs | 166 docs citations | 166 times ranked | 14619 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Emerging coronaviruses: Genome structure, replication, and pathogenesis. Journal of Medical Virology, 2020, 92, 418-423. | 5.0 | 2,439 |
| 2 | Functional screen reveals SARS coronavirus nonstructural protein nsp14 as a novel cap N7 methyltransferase. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3484-3489. | 7.1 | 376 |
| 3 | A distinct name is needed for the new coronavirus. Lancet, The, 2020, 395, 949. | 13.7 | 312 |
| 4 | Biochemical and Structural Insights into the Mechanisms of SARS Coronavirus RNA Ribose 2â€²-O-Methylation by nsp16/nsp10 Protein Complex. PLoS Pathogens, 2011, 7, e1002294. | 4.7 | 287 |
| 5 | Identification of Novel Subgenomic RNAs and Noncanonical Transcription Initiation Signals of Severe Acute Respiratory Syndrome Coronavirus. Journal of Virology, 2005, 79, 5288-5295. | 3.4 | 217 |
| 6 | SARS-CoV nucleocapsid protein antagonizes IFN-Î² response by targeting initial step of IFN-Î² induction pathway, and its C-terminal region is critical for the antagonism. Virus Genes, 2011, 42, 37-45. | 1.6 | 198 |
| 7 | Current status of severe fever with thrombocytopenia syndrome in China. Virologica Sinica, 2017, 32, 51-62. | 3.0 | 174 |
| 8 | Genome editing of CXCR4 by CRISPR/cas9 confers cells resistant to HIV-1 infection. Scientific Reports, 2015, 5, 15577. | 3.3 | 172 |
| 9 | Molecular mechanisms of coronavirus RNA capping and methylation. Virologica Sinica, 2016, 31, 3-11. | 3.0 | 162 |
| 10 | The Nucleocapsid Protein of Coronaviruses Acts as a Viral Suppressor of RNA Silencing in Mammalian Cells. Journal of Virology, 2015, 89, 9029-9043. | 3.4 | 148 |
| 11 | Coronavirus nsp10/nsp16 Methyltransferase Can Be Targeted by nsp10-Derived Peptide In Vitro and In Vivo To Reduce Replication and Pathogenesis. Journal of Virology, 2015, 89, 8416-8427. | 3.4 | 138 |
| 12 | The tumor suppressor PTEN has a critical role in antiviral innate immunity. Nature Immunology, 2016, 17, 241-249. | 14.5 | 138 |
| 13 | Inhibition of hepatitis B virus by the CRISPR/Cas9 system via targeting the conserved regions of the viral genome. Journal of General Virology, 2015, 96, 2252-2261. | 2.9 | 132 |
| 14 | Genome-Wide Analysis of Protein-Protein Interactions and Involvement of Viral Proteins in SARS-CoV Replication. PLoS ONE, 2008, 3, e3299. | 2.5 | 126 |
| 15 | Application of CRISPR/Cas9-Based Gene Editing in HIV-1/AIDS Therapy. Frontiers in Cellular and Infection Microbiology, 2019, 9, 69. | 3.9 | 112 |
| 16 | Towards a protein interaction map of potyviruses: protein interaction matrixes of two potyviruses based on the yeast two-hybrid system. Journal of General Virology, 2001, 82, 935-939. | 2.9 | 111 |
| 17 | Single mutation at the amino acid position 627 of PB2 that leads to increased virulence of an H5N1 avian influenza virus during adaptation in mice can be compensated by multiple mutations at other sites of PB2. Virus Research, 2009, 144, 123-129. | 2.2 | 108 |
| 18 | Genome editing of the HIV co-receptors CCR5 and CXCR4 by CRISPR-Cas9 protects CD4+ T cells from HIV-1 infection. Cell and Bioscience, 2017, 7, 47. | 4.8 | 108 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Virome characterization of game animals in China reveals a spectrum of emerging pathogens. Cell, 2022, 185, 1117-1129.e8. | 28.9 | 106 |
| 20 | The KCTD family of proteins: structure, function, disease relevance. Cell and Bioscience, 2013, 3, 45. | 4.8 | 94 |
| 21 | Remdesivir Metabolite GS-441524 Effectively Inhibits SARS-CoV-2 Infection in Mouse Models. Journal of Medicinal Chemistry, 2022, 65, 2785-2793. | 6.4 | 92 |
| 22 | Biochemical and Genetic Evidence for Interactions between Potato A Potyvirus-Encoded Proteins P1 and P3 and Proteins of the Putative Replication Complex. Virology, 1999, 263, 15-22. | 2.4 | 81 |
| 23 | Structure-Function Analysis of Severe Acute Respiratory Syndrome Coronavirus RNA Cap Guanine-N7-Methyltransferase. Journal of Virology, 2013, 87, 6296-6305. | 3.4 | 73 |
| 24 | Short peptides derived from the interaction domain of SARS coronavirus nonstructural protein nsp10 can suppress the 2â€²-O-methyltransferase activity of nsp10/nsp16 complex. Virus Research, 2012, 167, 322-328. | 2.2 | 66 |
| 25 | A Genome-Wide CRISPR Screen Identifies Genes Critical for Resistance to FLT3 Inhibitor AC220. Cancer Research, 2017, 77, 4402-4413. | 0.9 | 66 |
| 26 | Hantavirus nucleocapsid protein interacts with the Fas-mediated apoptosis enhancer Daxx. Journal of General Virology, 2002, 83, 759-766. | 2.9 | 66 |
| 27 | Hepatitis B Virus Induces Autophagy to Promote its Replication by the Axis of miRâ€192â€3pâ€XIAP Through NF kappa B Signaling. Hepatology, 2019, 69, 974-992. | 7.3 | 64 |
| 28 | NMI and IFP35 serve as proinflammatory DAMPs during cellular infection and injury. Nature Communications, 2017, 8, 950. | 12.8 | 63 |
| 29 | Knockdown of Cellular RNA Helicase DDX3 by Short Hairpin RNAs Suppresses HIV-1 Viral Replication Without Inducing Apoptosis. Molecular Biotechnology, 2008, 39, 231-238. | 2.4 | 62 |
| 30 | Electron microscopy studies of the coronavirus ribonucleoprotein complex. Protein and Cell, 2017, 8, 219-224. | 11.0 | 62 |
| 31 | The functions of tumor suppressor PTEN in innate and adaptive immunity. Cellular and Molecular Immunology, 2017, 14, 581-589. | 10.5 | 59 |
| 32 | Characterization of the guanine-N7 methyltransferase activity of coronavirus nsp14 on nucleotide GTP. Virus Research, 2013, 176, 45-52. | 2.2 | 58 |
| 33 | Characterization of a Novel Cullin5 Binding Domain in HIV-1 Vif. Journal of Molecular Biology, 2007, 373, 541-550. | 4.2 | 55 |
| 34 | A novel selective autophagy receptor, CCDC50, delivers K63Âpolyubiquitination-activated RIG-I/MDA5 for degradation during viral infection. Cell Research, 2021, 31, 62-79. | 12.0 | 55 |
| 35 | Biochemical Characterization of Exoribonuclease Encoded by SARS Coronavirus. BMB Reports, 2007, 40, 649-655. | 2.4 | 55 |
| 36 | Old Weapon for New Enemy: Drug Repurposing for Treatment of Newly Emerging Viral Diseases. Virologica Sinica, 2020, 35, 253-255. | 3.0 | 52 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Hepatitis B e antigen and its precursors promote the progress of hepatocellular carcinoma by interacting with NUMB and decreasing p53 activity. Hepatology, 2016, 64, 390-404. | 7.3 | 51 |
| 38 | Two Potato Proteins, Including a Novel RING Finger Protein (HIP1), Interact with the Potyviral Multifunctional Protein HCpro. Molecular Plant-Microbe Interactions, 2003, 16, 405-410. | 2.6 | 50 |
| 39 | The DEADâ€box RNA helicase DDX1 interacts with RelA and enhances nuclear factor kappaBâ€mediated transcription. Journal of Cellular Biochemistry, 2009, 106, 296-305. | 2.6 | 49 |
| 40 | Identification of the genome-linked protein in virions of Potato virus A, with comparison to other members in genus Potyvirus. Virus Research, 2001, 73, 103-112. | 2.2 | 47 |
| 41 | Immunization with plasmid DNA encoding influenza A virus nucleoprotein fused to a tissue plasminogen activator signal sequence elicits strong immune responses and protection against H5N1 challenge in mice. Journal of Virological Methods, 2008, 154, 121-127. | 2.1 | 46 |
| 42 | Innate Immune Responses in Human Monocyte-Derived Dendritic Cells Are Highly Dependent on the Size and the 5â€² Phosphorylation of RNA Molecules. Journal of Immunology, 2011, 187, 1713-1721. | 0.8 | 45 |
| 43 | Rapid isolation and immune profiling of SARS-CoV-2 specific memory B cell in convalescent COVID-19 patients via LIBRA-seq. Signal Transduction and Targeted Therapy, 2021, 6, 195. | 17.1 | 45 |
| 44 | Isolation of Virus from a SARS Patient and Genome-wide Analysis of Genetic Mutations Related to Pathogenesis and Epidemiology from 47 SARS-CoV Isolates. Virus Genes, 2005, 30, 93-102. | 1.6 | 43 |
| 45 | Virus-Like Particle Vaccine Comprised of the HA, NA, and M1 Proteins of an Avian Isolated H5N1 Influenza Virus Induces Protective Immunity Against Homologous and Heterologous Strains in Mice. Viral Immunology, 2009, 22, 273-281. | 1.3 | 43 |
| 46 | Hepatitis B Virus Polymerase Suppresses NF-ÎºB Signaling by Inhibiting the Activity of IKKs via Interaction with Hsp90Î². PLoS ONE, 2014, 9, e91658. | 2.5 | 42 |
| 47 | Inhibition of hepatitis B virus replication by activation of the cGAS-STING pathway. Journal of General Virology, 2016, 97, 3368-3378. | 2.9 | 41 |
| 48 | Bipartite Nuclear Localization Signal Controls Nuclear Import and DNA-Binding Activity of IFN Regulatory Factor 3. Journal of Immunology, 2015, 195, 289-297. | 0.8 | 40 |
| 49 | Prediction and biochemical analysis of putative cleavage sites of the 3C-like protease of Middle East respiratory syndrome coronavirus. Virus Research, 2015, 208, 56-65. | 2.2 | 39 |
| 50 | Glycosylation of phytepsin and expression of dad1 , dad2 and ost1 during onset of cell death in germinating barley scutella. Mechanisms of Development, 2000, 93, 169-173. | 1.7 | 36 |
| 51 | Yeast-based assays for the high-throughput screening of inhibitors of coronavirus RNA cap guanine-N7-methyltransferase. Antiviral Research, 2014, 104, 156-164. | 4.1 | 36 |
| 52 | Genome modification of CXCR4 by Staphylococcus aureus Cas9 renders cells resistance to HIV-1 infection. Retrovirology, 2017, 14, 51. | 2.0 | 36 |
| 53 | CCR5 editing by Staphylococcus aureus Cas9 in human primary CD4+ T cells and hematopoietic stem/progenitor cells promotes HIV-1 resistance and CD4+ T cell enrichment in humanized mice. Retrovirology, 2019, 16, 15. | 2.0 | 36 |
| 54 | Genome scale screening identification of SaCas9/gRNAs for targeting HIV-1 provirus and suppression of HIV-1 infection. Virus Research, 2018, 250, 21-30. | 2.2 | 35 |

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|---|---|---|---|
| 55 | CRISPR-Cas Targeting of Host Genes as an Antiviral Strategy. Viruses, 2018, 10, 40. | 3.3 | 35 |
| 56 | HIV-1 inhibition in cells with CXCR4 mutant genome created by CRISPR-Cas9 and piggyBac recombinant technologies. Scientific Reports, 2018, 8, 8573. | 3.3 | 32 |
| 57 | The Functional and Antiviral Activity of Interferon Alpha-Inducible IFI6 Against Hepatitis B Virus Replication and Gene Expression. Frontiers in Immunology, 2021, 12, 634937. | 4.8 | 32 |
| 58 | Aptamer beacons for visualization of endogenous protein HIV-1 reverse transcriptase in living cells. Biosensors and Bioelectronics, 2011, 28, 270-276. | 10.1 | 31 |
| 59 | Identification of small interfering RNAs which inhibit the replication of several Enterovirus 71 strains in China. Journal of Virological Methods, 2009, 159, 233-238. | 2.1 | 30 |
| 60 | Inhibition of Hepatitis B Virus Gene Expression and Replication by Hepatocyte Nuclear Factor 6. Journal of Virology, 2015, 89, 4345-4355. | 3.4 | 30 |
| 61 | The DEAD-Box RNA Helicase DDX3 Interacts with NF-ÎºB Subunit p65 and Suppresses p65-Mediated Transcription. PLoS ONE, 2016, 11, e0164471. | 2.5 | 28 |
| 62 | N7-Methylation of the Coronavirus RNA Cap Is Required for Maximal Virulence by Preventing Innate Immune Recognition. MBio, 2022, 13, e0366221. | 4.1 | 27 |
| 63 | Bovine PrPCdirectly interacts with Î±B-crystalline. FEBS Letters, 2005, 579, 5419-5424. | 2.8 | 26 |
| 64 | Isoformâ€specific interaction of pyruvate kinase with hepatitis C virus NS5B. FEBS Letters, 2008, 582, 2155-2160. | 2.8 | 26 |
| 65 | Amino acid derivatives of the (â^') enantiomer of gossypol are effective fusion inhibitors of human immunodeficiency virus type 1. Antiviral Research, 2012, 94, 276-287. | 4.1 | 26 |
| 66 | The epidemiology and etiology of influenzaâ€like illness in Chinese children from 2008 to 2010. Journal of Medical Virology, 2012, 84, 672-678. | 5.0 | 26 |
| 67 | Hepatitis B virus promotes cancer cell migration by downregulating miR-340-5p expression to induce STAT3 overexpression. Cell and Bioscience, 2017, 7, 16. | 4.8 | 26 |
| 68 | Autophagy receptor CCDC50 tunes the STING-mediated interferon response in viral infections and autoimmune diseases. Cellular and Molecular Immunology, 2021, 18, 2358-2371. | 10.5 | 26 |
| 69 | A Convenient and Biosafe Replicon with Accessory Genes of SARS-CoV-2 and Its Potential Application in Antiviral Drug Discovery. Virologica Sinica, 2021, 36, 913-923. | 3.0 | 25 |
| 70 | Specific inhibition of HIV-1 replication by short hairpin RNAs targeting human cyclin T1 without inducing apoptosis. FEBS Letters, 2005, 579, 3100-3106. | 2.8 | 24 |
| 71 | A Novel Strategy for Analyzing RNA-Protein Interactions by Surface Plasmon Resonance Biosensor. Molecular Biotechnology, 2008, 40, 87-93. | 2.4 | 24 |
| 72 | Construction of an Artificial MicroRNA Expression Vector for Simultaneous Inhibition of Multiple Genes in Mammalian Cells. International Journal of Molecular Sciences, 2009, 10, 2158-2168. | 4.1 | 23 |

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|---|---|---|---|
| 73 | Comparative Studies of Various Artificial microRNA Expression Vectors for RNAi in Mammalian Cells. Molecular Biotechnology, 2010, 46, 34-40. | 2.4 | 23 |
| 74 | P200 family protein IFI204 negatively regulates type I interferon responses by targeting IRF7 in nucleus. PLoS Pathogens, 2019, 15, e1008079. | 4.7 | 23 |
| 75 | Severe acute respiratory syndrome coronavirus protein 6 mediates ubiquitin-dependent proteosomal degradation of N-Myc (and STAT) interactor. Virologica Sinica, 2015, 30, 153-161. | 3.0 | 22 |
| 76 | Bone marrow-derived mesenchymal stem cells suppress NK cell recruitment and activation in PolyI:C-induced liver injury. Biochemical and Biophysical Research Communications, 2015, 466, 173-179. | 2.1 | 22 |
| 77 | Identification and Characterization of a Ribose 2â€²- O -Methyltransferase Encoded by the Ronivirus Branch of Nidovirales. Journal of Virology, 2016, 90, 6675-6685. | 3.4 | 22 |
| 78 | Hepatitis B e Antigen Inhibits NF-ÎºB Activity by Interrupting K63-Linked Ubiquitination of NEMO. Journal of Virology, 2019, 93, . | 3.4 | 22 |
| 79 | Hepatitis B virus-triggered PTEN/Î²-catenin/c-Myc signaling enhances PD-L1 expression to promote immune evasion. American Journal of Physiology - Renal Physiology, 2020, 318, G162-G173. | 3.4 | 22 |
| 80 | Engineering a Reliable and Convenient SARS-CoV-2 Replicon System for Analysis of Viral RNA Synthesis and Screening of Antiviral Inhibitors. MBio, 2021, 12, . | 4.1 | 22 |
| 81 | The adenosine analog prodrug ATV006 is orally bioavailable and has preclinical efficacy against parental SARS-CoV-2 and variants. Science Translational Medicine, 2022, 14, eabm7621. | 12.4 | 22 |
| 82 | Generation of a stable mammalian cell line for simultaneous expression of multiple genes by using 2A peptide-based lentiviral vector. Biotechnology Letters, 2009, 31, 353-359. | 2.2 | 21 |
| 83 | Molecular diagnosis of central nervous system opportunistic infections and mortality in HIV-infected adults in Central China. AIDS Research and Therapy, 2017, 14, 24. | 1.7 | 21 |
| 84 | Bone Marrow-Derived Mesenchymal Stem Cells Attenuate Immune-Mediated Liver Injury and Compromise Virus Control During Acute Hepatitis B Virus Infection in Mice. Stem Cells and Development, 2017, 26, 818-827. | 2.1 | 20 |
| 85 | Antiviral Activity of Interferon Alpha-Inducible Protein 27 Against Hepatitis B Virus Gene Expression and Replication. Frontiers in Microbiology, 2021, 12, 656353. | 3.5 | 20 |
| 86 | Hepatitis C Virus Sensitizes Host Cells to TRAIL-Induced Apoptosis by Up-Regulating DR4 and DR5 via a MEK1-Dependent Pathway. PLoS ONE, 2012, 7, e37700. | 2.5 | 19 |
| 87 | Identification and Structureâ€“Activity Relationships of Diarylhydrazides as Novel Potent and Selective Human Enterovirus Inhibitors. Journal of Medicinal Chemistry, 2016, 59, 2139-2150. | 6.4 | 19 |
| 88 | SARS-CoV-2's origin should be investigated worldwide for pandemic prevention. Lancet, The, 2021, 398, 1299-1303. | 13.7 | 19 |
| 89 | Genome-wide analysis of proteinâ€“protein interactions and involvement of viral proteins in SARS-CoV-2 replication. Cell and Bioscience, 2021, 11, 140. | 4.8 | 18 |
| 90 | Functional Characterization of Syncytin-A, a Newly Murine Endogenous Virus Envelope Protein. Journal of Biological Chemistry, 2007, 282, 381-389. | 3.4 | 17 |

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|---|---|---|---|
| 91 | Chimeric classical swine fever (CSF)-Japanese encephalitis (JE) viral replicon as a non-transmissible vaccine candidate against CSF and JE infections. Virus Research, 2012, 165, 61-70. | 2.2 | 17 |
| 92 | Coronavirus: epidemiology, genome replication and the interactions with their hosts. Virologica Sinica, 2016, 31, 1-2. | 3.0 | 17 |
| 93 | Hepatitis B virusâ€regulated growth of liver cancer cells occurs through the microRNAâ€340â€5pâ€activating transcription factor 7â€heat shock protein A member 1B axis. Cancer Science, 2019, 110, 1633-1643. | 3.9 | 17 |
| 94 | Genome editing of CCR5 by AsCpf1 renders CD4+T cells resistance to HIV-1 infection. Cell and Bioscience, 2020, 10, 85. | 4.8 | 17 |
| 95 | The Ubiquitin E3 Ligase Parkin Inhibits Innate Antiviral Immunity Through K48-Linked Polyubiquitination of RIG-I and MDA5. Frontiers in Immunology, 2020, 11, 1926. | 4.8 | 17 |
| 96 | Live attenuated coronavirus vaccines deficient in N7-Methyltransferase activity induce both humoral and cellular immune responses in mice. Emerging Microbes and Infections, 2021, 10, 1626-1637. | 6.5 | 17 |
| 97 | Reverse genetics systems for SARSâ€CoVâ€2. Journal of Medical Virology, 2022, 94, 3017-3031. | 5.0 | 17 |
| 98 | Combining thioridazine and loratadine for the treatment of gastrointestinal tumor. Oncology Letters, 2017, 14, 4573-4580. | 1.8 | 16 |
| 99 | Activities associated with the putative replication initiation protein of Coconut foliar decay virus, a tentative member of the genus Nanovirus. Journal of General Virology, 2000, 81, 3099-3106. | 2.9 | 16 |
| 100 | PTEN-L promotes type I interferon responses and antiviral immunity. Cellular and Molecular Immunology, 2018, 15, 48-57. | 10.5 | 15 |
| 101 | A Systems Biology Perspective on Rational Design of Peptide Vaccine Against Virus Infections. Current Topics in Medicinal Chemistry, 2012, 12, 1310-1319. | 2.1 | 14 |
| 102 | The sumoylation of zinc-fingers and homeoboxes 1 (ZHX1) by ubc9 regulates its stability and transcriptional repression activity. Journal of Cellular Biochemistry, 2013, 114, 2323-2333. | 2.6 | 14 |
| 103 | Comparative Analysis of Immune Activation Markers of CD8+ T Cells in Lymph Nodes of Different Origins in SIV-Infected Chinese Rhesus Macaques. Frontiers in Immunology, 2016, 7, 371. | 4.8 | 14 |
| 104 | Circulation of human metapneumovirus among children with influenzaâ€like illness in Wuhan, China. Journal of Medical Virology, 2016, 88, 774-781. | 5.0 | 14 |
| 105 | The Nâ€terminal ubiquitinâ€associated domain of Cezanne is crucial for its function to suppress NFâ€ÎºB pathway. Journal of Cellular Biochemistry, 2018, 119, 1979-1991. | 2.6 | 14 |
| 106 | The Hsp70 inhibitor 2-phenylethynesulfonamide inhibits replication and carcinogenicity of Epsteinâ€“Barr virus by inhibiting the molecular chaperone function of Hsp70. Cell Death and Disease, 2018, 9, 734. | 6.3 | 14 |
| 107 | An unconventional role of an ASB family protein in NF-ÎºB activation and inflammatory response during microbial infection and colitis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2015416118. | 7.1 | 14 |
| 108 | IFP35 as a promising biomarker and therapeutic target for the syndromes induced by SARS-CoV-2 or influenza virus. Cell Reports, 2021, 37, 110126. | 6.4 | 14 |

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|---|---|---|---|
| 109 | Ubiquitin ligase Fbw7 restricts the replication of hepatitis C virus by targeting NS5B for ubiquitination and degradation. Biochemical and Biophysical Research Communications, 2016, 470, 697-703. | 2.1 | 13 |
| 110 | A Novel Approach to Block HIV-1 Coreceptor CXCR4 in Non-toxic Manner. Molecular Biotechnology, 2014, 56, 890-902. | 2.4 | 12 |
| 111 | VHL negatively regulates SARS coronavirus replication by modulating nsp16 ubiquitination and stability. Biochemical and Biophysical Research Communications, 2015, 459, 270-276. | 2.1 | 12 |
| 112 | Immune regulator ABIN1 suppresses HIV-1 transcription by negatively regulating the ubiquitination of Tat. Retrovirology, 2017, 14, 12. | 2.0 | 12 |
| 113 | Metatranscriptomic Analysis Reveals the Virome and Viral Genomic Evolution of Medically Important Mites. Journal of Virology, 2021, 95, . | 3.4 | 12 |
| 114 | CDK4/6 Inhibition Enhances Oncolytic Virus Efficacy by Potentiating Tumor-Selective Cell Killing and T-cell Activation in Refractory Glioblastoma. Cancer Research, 2022, 82, 3359-3374. | 0.9 | 12 |
| 115 | Bivalent Copper Ions Promote Fibrillar Aggregation of KCTD1 and Induce Cytotoxicity. Scientific Reports, 2016, 6, 32658. | 3.3 | 10 |
| 116 | Non-Structural Protein 5 of Zika Virus Interacts with p53 in Human Neural Progenitor Cells and Induces p53-Mediated Apoptosis. Virologica Sinica, 2021, 36, 1411-1420. | 3.0 | 10 |
| 117 | Proteinâ€“Protein Interactions: The Yeast Two-Hybrid System. Methods in Molecular Biology, 2008, 451, 421-439. | 0.9 | 10 |
| 118 | CCDC50 suppresses NLRP3 inflammasome activity by mediating autophagic degradation of NLRP3. EMBO Reports, 2022, 23, e54453. | 4.5 | 10 |
| 119 | Translational control of the subgenomic RNAs of severe acute respiratory syndrome coronavirus. Virus Genes, 2009, 39, 10-18. | 1.6 | 9 |
| 120 | The RNA Capping Enzyme Domain in Protein A is Essential for Flock House Virus Replication. Viruses, 2018, 10, 483. | 3.3 | 9 |
| 121 | Efficient Inhibition of Avian and Seasonal Influenza A Viruses by a Virus-Specific Dicer-Substrate Small Interfering RNA Swarm in Human Monocyte-Derived Macrophages and Dendritic Cells. Journal of Virology, 2019, 93, . | 3.4 | 9 |
| 122 | Endogenous reverse transcriptase and RNase H-mediated antiviral mechanism in embryonic stem cells. Cell Research, 2021, 31, 998-1010. | 12.0 | 9 |
| 123 | USP10 regulates B cell response to SARS-CoV-2 or HIV-1 nanoparticle vaccines through deubiquitinating AID. Signal Transduction and Targeted Therapy, 2022, 7, 7. | 17.1 | 9 |
| 124 | A comprehensive evolutionary and epidemiological characterization of insertion and deletion mutations in SARS-CoV-2 genomes. Virus Evolution, 2021, 7, veab104. | 4.9 | 9 |
| 125 | Molecular and pathological characterization of two H5N1 avian influenza viruses isolated from wild ducks. Virus Genes, 2008, 37, 88-95. | 1.6 | 8 |
| 126 | HCV NS3/4A protein activates HIV-1 transcription from its long terminal repeat. Virus Research, 2008, 135, 155-160. | 2.2 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Inhibition of HIV-1 Transcription and Replication by a Newly Identified Cyclin T1 Splice Variant. Journal of Biological Chemistry, 2013, 288, 14297-14309. | 3.4 | 8 |
| 128 | Global analysis of HBV-mediated host proteome and ubiquitylome change in HepG2.2.15 human hepatoblastoma cell line. Cell and Bioscience, 2021, 11, 75. | 4.8 | 8 |
| 129 | PTEN suppresses tumorigenesis by directly dephosphorylating Akt. Signal Transduction and Targeted Therapy, 2021, 6, 262. | 17.1 | 8 |
| 130 | Oxidative stress transforms 3CLpro into an insoluble and more active form to promote SARS-CoV-2 replication. Redox Biology, 2021, 48, 102199. | 9.0 | 8 |
| 131 | The Impact of Accumulated Mutations in SARS-CoV-2 Variants on the qPCR Detection Efficiency. Frontiers in Cellular and Infection Microbiology, 2022, 12, 823306. | 3.9 | 8 |
| 132 | Upregulation of miR-520c-3p via hepatitis B virus drives hepatocellular migration and invasion by the PTEN/AKT/NF-ÎºB axis. Molecular Therapy - Nucleic Acids, 2022, 29, 47-63. | 5.1 | 8 |
| 133 | ABIN1 inhibits HDAC1 ubiquitination and protects it from both proteasomeâ€and lysozymeâ€dependent degradation. Journal of Cellular Biochemistry, 2018, 119, 3030-3043. | 2.6 | 7 |
| 134 | Comparison of modelâ€specific histopathology in mouse models of COVIDâ€19. Journal of Medical Virology, 2022, 94, 3605-3612. | 5.0 | 7 |
| 135 | Genome-Wide Analysis of the Indispensable Role of Non-structural Proteins in the Replication of SARS-CoV-2. Frontiers in Microbiology, 2022, 13, . | 3.5 | 7 |
| 136 | AMIGO2 modulates T cell functions and its deficiency in mice ameliorates experimental autoimmune encephalomyelitis. Brain, Behavior, and Immunity, 2017, 62, 110-123. | 4.1 | 6 |
| 137 | The regulation of NLRP3 inflammasome activation by CCDC50-mediated autophagy. Autophagy, 2023, 19, 365-366. | 9.1 | 6 |
| 138 | Mechanisms and Effects on HBV Replication of the Interaction between HBV Core Protein and Cellular Filamin B. Virologica Sinica, 2018, 33, 162-172. | 3.0 | 5 |
| 139 | Modulating the tumor microenvironment via oncolytic virus and PI3K inhibition synergistically restores immune checkpoint therapy response in PTEN-deficient glioblastoma. Signal Transduction and Targeted Therapy, 2021, 6, 275. | 17.1 | 5 |
| 140 | Specific Expression of Interferon-ï¿½ï¿½ Induced by Synergistic Activation Mediator-Derived Systems Activates Innate Immunity and Inhibits Tumorigenesis. Journal of Microbiology and Biotechnology, 2017, 27, 1855-1866. | 2.1 | 5 |
| 141 | A novel phosphorylation site in SARS-CoV-2 nucleocapsid regulates its RNA-binding capacity and phase separation in host cells. Journal of Molecular Cell Biology, 2022, 14, . | 3.3 | 5 |
| 142 | Co-infecting pathogens can contribute to inflammatory responses and severe symptoms in COVID-19. Journal of Thoracic Disease, 2022, 14, 355-370. | 1.4 | 5 |
| 143 | ORF8 protein of SARSâ€CoVâ€2 reduces male fertility in mice. Journal of Medical Virology, 2022, 94, 4193-4205. | 5.0 | 5 |
| 144 | A specific cytotoxic Tâ€lymphocyte epitope presentation system for antitumor immunity. International Journal of Cancer, 2010, 126, 2373-2386. | 5.1 | 4 |

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|---|---|---|---|
| 145 | Expression, purification, and secondary structure characterization of recombinant KCTD1. Biochemistry (Moscow), 2012, 77, 941-945. | 1.5 | 4 |
| 146 | Identification of AaCASPS7, an effector caspase in Aedes albopictus. Gene, 2016, 593, 117-125. | 2.2 | 4 |
| 147 | Safety and Considerations of the COVID-19 Vaccine Massive Deployment. Virologica Sinica, 2021, 36, 1097-1103. | 3.0 | 3 |
| 148 | Identification and Structureâ€“Activity Relationships of Dietary Flavonoids as Human Macrophage Migration Inhibitory Factor (MIF) Inhibitors. Journal of Agricultural and Food Chemistry, 2021, 69, 10138-10150. | 5.2 | 3 |
| 149 | Repurposing old drugs as novel inhibitors of human MIF from structural and functional analysis. Bioorganic and Medicinal Chemistry Letters, 2022, 55, 128445. | 2.2 | 3 |
| 150 | Suppression of HIV-1 Integration by Targeting HIV-1 Integrase for Degradation with A Chimeric Ubiquitin Ligase. Virologica Sinica, 2021, 36, 424-437. | 3.0 | 2 |
| 151 | World Society for Virology first international conference: Tackling global virus epidemics. Virology, 2022, 566, 114-121. | 2.4 | 2 |
| 152 | Gene Silencing Efficiency and INF-Î² Induction Effects of Splicing miRNA 155-Based Artificial miRNA with Pre-miRNA Stem-Loop Structures. Biochemical Genetics, 2012, 50, 112-121. | 1.7 | 1 |
| 153 | Regulation of the Alternative Splicing and Function of Cyclin T1 by the Serineâ€Arginineâ€Rich Protein ASF/SF2. Journal of Cellular Biochemistry, 2017, 118, 4020-4032. | 2.6 | 1 |
| 154 | A novel strategy to generate virus vaccines with expanded genetic codes. Science China Life Sciences, 2017, 60, 555-557. | 4.9 | 1 |
| 155 | Identification and Characterization of Severe Acute Respiratory Syndrome Coronavirus Subgenomic RNAs. Advances in Experimental Medicine and Biology, 2006, 581, 85-88. | 1.6 | 1 |
| 156 | Evidence of Infection of Human Embryonic Stem Cells by SARS-CoV-2. Frontiers in Cellular and Infection Microbiology, 0, 12, . | 3.9 | 1 |
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