

# Hongbing He

## List of Publications by Year in descending order

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60  
papers

937  
citations

471509

17  
h-index

552781

26  
g-index

63  
all docs

63  
docs citations

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times ranked

820  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ORF7a protein of SARS-CoV-2 initiates autophagy and limits autophagosome-lysosome fusion via degradation of SNAP29 to promote virus replication. <i>Autophagy</i> , 2023, 19, 551-569.	9.1	43
2	The PERK/PKR-eIF2 $\beta$ Pathway Negatively Regulates Porcine Hemagglutinating Encephalomyelitis Virus Replication by Attenuating Global Protein Translation and Facilitating Stress Granule Formation. <i>Journal of Virology</i> , 2022, 96, JVI0169521.	3.4	15
3	SARS-CoV-2 ORF10 suppresses the antiviral innate immune response by degrading MAVS through mitophagy. <i>Cellular and Molecular Immunology</i> , 2022, 19, 67-78.	10.5	98
4	DDIT3 antagonizes innate immune response to promote bovine alphaherpesvirus 1 replication via the DDIT3-SQSTM1-STING pathway. <i>Virulence</i> , 2022, 13, 514-529.	4.4	2
5	Epidermal growth factor receptor (EGFR) promotes uptake of bovine parainfluenza virus type 3 into MDBK cells. <i>Veterinary Microbiology</i> , 2022, 271, 109488.	1.9	2
6	Porcine haemagglutinating encephalomyelitis virus deactivates transcription factor IRF3 and limits type I interferon production. <i>Veterinary Microbiology</i> , 2021, 252, 108918.	1.9	4
7	Genetically modified rabies virus vector-based bovine ephemeral fever virus vaccine induces protective immune responses against BEFV and RABV in mice. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1353-1362.	3.0	6
8	DDIT3 Targets Innate Immunity via the DDIT3-OTUD1-MAVS Pathway To Promote Bovine Viral Diarrhea Virus Replication. <i>Journal of Virology</i> , 2021, 95, .	3.4	27
9	The host cellular protein Ndufaf4 interacts with the vesicular stomatitis virus M protein and affects viral propagation. <i>Virus Genes</i> , 2021, 57, 250-257.	1.6	2
10	Nucleic acid visualization assay for Middle East Respiratory Syndrome Coronavirus (MERS-CoV) by targeting the UpE and N gene. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009227.	3.0	6
11	PB1 S524G mutation of wild bird-origin H3N8 influenza A virus enhances virulence and fitness for transmission in mammals. <i>Emerging Microbes and Infections</i> , 2021, 10, 1038-1051.	6.5	21
12	Development of recombinase polymerase amplification assays for rapid and visual detection of canine distemper virus infecting giant panda. <i>BMC Veterinary Research</i> , 2021, 17, 172.	1.9	3
13	Bovine Parainfluenza Virus Type 3 (BPIV3) Enters HeLa Cells via Clathrin-Mediated Endocytosis in a Cholesterol- and Dynamin-Dependent Manner. <i>Viruses</i> , 2021, 13, 1035.	3.3	6
14	Entry of bovine parainfluenza virus type 3 into MDBK cells occurs via clathrin-mediated endocytosis and macropinocytosis in an acid-dependent manner. <i>Veterinary Microbiology</i> , 2021, 259, 109148.	1.9	4
15	PCV2 Triggers PK-15 Cell Apoptosis Through the PLC $\beta$ -IP3 $\beta$ -Ca <sup>2+</sup> Signaling Pathway. <i>Frontiers in Microbiology</i> , 2021, 12, 674907.	3.5	6
16	RACK1 degrades MAVS to promote bovine ephemeral fever virus replication via upregulating E3 ubiquitin ligase STUB1. <i>Veterinary Microbiology</i> , 2021, 257, 109096.	1.9	7
17	A recombinant rabies virus expressing <i>Echinococcus granulosus</i> EG95 induces protective immunity in mice. <i>Transboundary and Emerging Diseases</i> , 2021, , .	3.0	2
18	Bta-miR-101 suppresses BEFV replication via targeting NKRF. <i>Veterinary Microbiology</i> , 2021, 259, 109127.	1.9	1

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19	Viral and Host Transcriptomes in SARS-CoV-2-Infected Human Lung Cells. <i>Journal of Virology</i> , 2021, 95, e0060021.	3.4	9
20	Orf Virus ORF120 Protein Positively Regulates the NF- $\kappa$ B Pathway by Interacting with G3BP1. <i>Journal of Virology</i> , 2021, 95, e0015321.	3.4	13
21	Characterization of Canine Influenza Virus A (H3N2) Circulating in Dogs in China from 2016 to 2018. <i>Viruses</i> , 2021, 13, 2279.	3.3	1
22	A novel reassortant influenza A (H1N1) virus infection in swine in Shandong Province, eastern China. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 450-454.	3.0	8
23	Cell apoptosis regulated by interaction between viral gene alpha 3 and host heterogeneous nuclear ribonucleoprotein K facilitates bovine ephemeral fever virus replication. <i>Veterinary Microbiology</i> , 2020, 240, 108510.	1.9	16
24	Assembly of pigeon circovirus-like particles using baculovirus expression system. <i>Microbial Pathogenesis</i> , 2020, 139, 103905.	2.9	8
25	miR-142a-3p promotes the proliferation of porcine hemagglutinating encephalomyelitis virus by targeting Rab3a. <i>Archives of Virology</i> , 2020, 165, 345-354.	2.1	4
26	A highly efficient recombinant canarypox virus-based vaccine against canine distemper virus constructed using the CRISPR/Cas9 gene editing method. <i>Veterinary Microbiology</i> , 2020, 251, 108920.	1.9	5
27	Recombinant Human Adenovirus Type 5 Co-expressing RABV G and SFTSV Gn Induces Protective Immunity Against Rabies Virus and Severe Fever With Thrombocytopenia Syndrome Virus in Mice. <i>Frontiers in Microbiology</i> , 2020, 11, 1473.	3.5	14
28	MiR-216a-5p inhibits tumorigenesis in Pancreatic Cancer by targeting TPT1/mTORC1 and is mediated by LINC01133. <i>International Journal of Biological Sciences</i> , 2020, 16, 2612-2627.	6.4	31
29	Induction of the Unfolded Protein Response during Bovine Alphaherpesvirus 1 Infection. <i>Viruses</i> , 2020, 12, 974.	3.3	5
30	Bta-miR-2890 up-regulates JAK-STAT pathway to inhibit BoHV-1 replication by targeting viral gene UL41. <i>Veterinary Microbiology</i> , 2020, 245, 108709.	1.9	5
31	A Bivalent Human Adenovirus Type 5 Vaccine Expressing the Rabies Virus Glycoprotein and Canine Distemper Virus Hemagglutinin Protein Confers Protective Immunity in Mice and Foxes. <i>Frontiers in Microbiology</i> , 2020, 11, 1070.	3.5	11
32	Epigenetic Reprogramming During Somatic Cell Nuclear Transfer: Recent Progress and Future Directions. <i>Frontiers in Genetics</i> , 2020, 11, 205.	2.3	40
33	Beta-catenin inhibits bovine parainfluenza virus type 3 replication via innate immunity pathway. <i>BMC Veterinary Research</i> , 2020, 16, 72.	1.9	11
34	RNA sequencing analyses of gene expressions in a canine macrophages cell line DH82 infected with canine distemper virus. <i>Infection, Genetics and Evolution</i> , 2020, 80, 104206.	2.3	4
35	Detection of bovine viral diarrhea virus genotype 1 in aerosol by a real time RT-PCR assay. <i>BMC Veterinary Research</i> , 2020, 16, 114.	1.9	5
36	Successive Passage In Vitro Led to Lower Virulence and Higher Titer of A Variant Porcine Epidemic Diarrhea Virus. <i>Viruses</i> , 2020, 12, 391.	3.3	7

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37	Annexin A2 gene interacting with viral matrix protein to promote bovine ephemeral fever virus release. <i>Journal of Veterinary Science</i> , 2020, 21, e33.	1.3	6
38	Cholesterol 25-Hydroxylase inhibits bovine parainfluenza virus type 3 replication through enzyme activity-dependent and -independent ways. <i>Veterinary Microbiology</i> , 2019, 239, 108456.	1.9	22
39	Two mutations in viral protein enhance the adaptation of waterfowl-origin H3N2 virus in murine model. <i>Virus Research</i> , 2019, 269, 197639.	2.2	1
40	Cellular microRNA bta-miR-2361 inhibits bovine herpesvirus 1 replication by directly targeting EGR1 gene. <i>Veterinary Microbiology</i> , 2019, 233, 174-183.	1.9	22
41	PB2 and hemagglutinin mutations confer a virulent phenotype on an H1N2 avian influenza virus in mice. <i>Archives of Virology</i> , 2019, 164, 2023-2029.	2.1	5
42	Use of a recombinase polymerase amplification commercial kit for rapid visual detection of <i>Pasteurella multocida</i> . <i>BMC Veterinary Research</i> , 2019, 15, 154.	1.9	14
43	Bovine herpesvirus 1 tegument protein UL41 suppresses antiviral innate immune response via directly targeting STAT1. <i>Veterinary Microbiology</i> , 2019, 239, 108494.	1.9	16
44	A Novel Bacterium-Like Particle-Based Vaccine Displaying the SUDV Glycoprotein Induces Potent Humoral and Cellular Immune Responses in Mice. <i>Viruses</i> , 2019, 11, 1149.	3.3	11
45	Genetic characterization of an H13N2 low pathogenic avian influenza virus isolated from gulls in China. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 1063-1066.	3.0	2
46	Porcine Hemagglutinating Encephalomyelitis Virus Activation of the Integrin $\alpha 5 \beta 1$ -FAK-Cofilin Pathway Causes Cytoskeletal Rearrangement To Promote Its Invasion of N2a Cells. <i>Journal of Virology</i> , 2019, 93, .	3.4	42
47	Prevalence of bovine viral diarrhea virus in dairy cattle herds in eastern China. <i>Tropical Animal Health and Production</i> , 2019, 51, 791-798.	1.4	23
48	Isolation and genetic characterization of H13N8 low pathogenic avian influenza virus from migratory birds in eastern China. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 588-591.	3.0	2
49	Development of a recombinase polymerase amplification combined with lateral-flow dipstick assay for detection of bovine ephemeral fever virus. <i>Molecular and Cellular Probes</i> , 2018, 38, 31-37.	2.1	27
50	Development and evaluation of serotype-specific recombinase polymerase amplification combined with lateral flow dipstick assays for the diagnosis of foot-and-mouth disease virus serotype A, O and Asia1. <i>BMC Veterinary Research</i> , 2018, 14, 359.	1.9	19
51	MiR-3470b promotes bovine ephemeral fever virus replication via directly targeting mitochondrial antiviral signaling protein (MAVS) in baby hamster Syrian kidney cells. <i>BMC Microbiology</i> , 2018, 18, 224.	3.3	12
52	Development of a recombinase polymerase amplification combined with a lateral flow dipstick assay for rapid detection of the <i>Mycoplasma bovis</i> . <i>BMC Veterinary Research</i> , 2018, 14, 412.	1.9	26
53	Oncolytic herpes simplex virus and immunotherapy. <i>BMC Immunology</i> , 2018, 19, 40.	2.2	56
54	Influenza virus-like particles composed of conserved influenza proteins and GPI-anchored CCL28/GM-CSF fusion proteins enhance protective immunity against homologous and heterologous viruses. <i>International Immunopharmacology</i> , 2018, 63, 119-128.	3.8	9

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55	Biopanning of polypeptides binding to bovine ephemeral fever virus G1 protein from phage display peptide library. <i>BMC Veterinary Research</i> , 2018, 14, 3.	1.9	43
56	A lateral flow dipstick combined with reverse transcription recombinase polymerase amplification for rapid and visual detection of the bovine respirovirus 3. <i>Molecular and Cellular Probes</i> , 2018, 41, 22-26.	2.1	8
57	Ulk1 Governs Nerve Growth Factor/TrkA Signaling by Mediating Rab5 GTPase Activation in Porcine Hemagglutinating Encephalomyelitis Virus-Induced Neurodegenerative Disorders. <i>Journal of Virology</i> , 2018, 92, .	3.4	18
58	Rapid detection of bovine viral diarrhea virus using recombinase polymerase amplification combined with lateral flow dipstick assays in bulk milk. <i>Veterinarski Arhiv</i> , 2018, 88, 627-642.	0.3	10
59	Rapid visual detection of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> by recombinase polymerase amplification combined with a lateral flow dipstick. <i>Journal of Veterinary Science</i> , 2018, 19, 242.	1.3	31
60	Rapid detection of infectious bovine Rhinotracheitis virus using recombinase polymerase amplification assays. <i>BMC Veterinary Research</i> , 2017, 13, 386.	1.9	59