

Heng Wang

List of Publications by Year in descending order

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65
papers

1,071
citations

471061

17
h-index

500791

28
g-index

66
all docs

66
docs citations

66
times ranked

1249
citing authors

#	ARTICLE	IF	CITATIONS
1	Selenium inhibits <i>Staphylococcus aureus</i> -induced inflammation by suppressing the activation of the NF- κ B and MAPK signalling pathways in RAW264.7 macrophages. <i>European Journal of Pharmacology</i> , 2016, 780, 159-165.	1.7	83
2	Expression and functional analysis of porcine aminopeptidase N produced in prokaryotic expression system. <i>Journal of Biotechnology</i> , 2009, 141, 91-96.	1.9	53
3	Cortisol inhibits NF- κ B and MAPK pathways in LPS activated bovine endometrial epithelial cells. <i>International Immunopharmacology</i> , 2018, 56, 71-77.	1.7	48
4	Selenium ameliorates <i>Staphylococcus aureus</i> -induced inflammation in bovine mammary epithelial cells by inhibiting activation of TLR2, NF- κ B and MAPK signaling pathways. <i>BMC Veterinary Research</i> , 2018, 14, 197.	0.7	48
5	Cortisol modulates inflammatory responses in LPS-stimulated RAW264.7 cells via the NF- κ B and MAPK pathways. <i>BMC Veterinary Research</i> , 2018, 14, 30.	0.7	48
6	Newly emerged porcine enteric alphacoronavirus in southern China: Identification, origin and evolutionary history analysis. <i>Infection, Genetics and Evolution</i> , 2018, 62, 179-187.	1.0	42
7	First identification of porcine parvovirus 7 in China. <i>Archives of Virology</i> , 2018, 163, 209-213.	0.9	42
8	High-efficiency removal capacities and quantitative adsorption mechanisms of Cd ²⁺ by thermally modified biochars derived from different feedstocks. <i>Chemosphere</i> , 2021, 272, 129594.	4.2	36
9	Baicalin protects LPS-induced blood-brain barrier damage and activates Nrf2-mediated antioxidant stress pathway. <i>International Immunopharmacology</i> , 2021, 96, 107725.	1.7	34
10	The Prevalence of Hepatitis E Virus Infections among Swine, Swine Farmers and the General Population in Guangdong Province, China. <i>PLoS ONE</i> , 2014, 9, e88106.	1.1	33
11	Progesterone inhibits inflammatory response in <i>E.coli</i> - or LPS-Stimulated bovine endometrial epithelial cells by NF- κ B and MAPK pathways. <i>Developmental and Comparative Immunology</i> , 2020, 105, 103568.	1.0	33
12	<i>Staphylococcus aureus</i> facilitates its survival in bovine macrophages by blocking autophagic flux. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 3460-3468.	1.6	32
13	<i>Staphylococcus aureus</i> induces autophagy in bovine mammary epithelial cells and the formation of autophagosomes facilitates intracellular replication of <i>Staph. aureus</i> . <i>Journal of Dairy Science</i> , 2019, 102, 8264-8272.	1.4	27
14	Changes in the blood routine, biochemical indexes and the pro-inflammatory cytokine expressions of peripheral leukocytes in postpartum dairy cows with metritis. <i>BMC Veterinary Research</i> , 2019, 15, 157.	0.7	27
15	Organic Selenium Ameliorates <i>Staphylococcus aureus</i> -Induced Mastitis in Rats by Inhibiting the Activation of NF- κ B and MAPK Signaling Pathways. <i>Frontiers in Veterinary Science</i> , 2020, 7, 443.	0.9	24
16	Characterization of <i>Staphylococcus aureus</i> Isolates From Cases of Clinical Bovine Mastitis on Large-Scale Chinese Dairy Farms. <i>Frontiers in Veterinary Science</i> , 2020, 7, 580129.	0.9	22
17	Phylogeography, phylodynamics and the recent outbreak of lineage 3 porcine reproductive and respiratory syndrome viruses in China. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 2152-2162.	1.3	21
18	In Vitro Antiviral Activity of Germacrone Against Porcine Reproductive and Respiratory Syndrome Virus. <i>Current Microbiology</i> , 2016, 73, 317-323.	1.0	20

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19	Genetic characterization of avian-origin H3N2 canine influenza viruses isolated from Guangdong during 2006–2012. <i>Virus Genes</i> , 2013, 46, 558-562.	0.7	17
20	Characterization of TLR2, NOD2, and related cytokines in mammary glands infected by <i>Staphylococcus aureus</i> in a rat model. <i>Acta Veterinaria Scandinavica</i> , 2015, 57, 25.	0.5	17
21	Insights into the evolutionary history and epidemiological characteristics of the emerging lineage 1 porcine reproductive and respiratory syndrome viruses in China. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 2630-2641.	1.3	17
22	The effect of selenium on the autophagy of macrophage infected by <i>Staphylococcus aureus</i> . <i>International Immunopharmacology</i> , 2020, 83, 106406.	1.7	17
23	The proliferative effect of cortisol on bovine endometrial epithelial cells. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 97.	1.4	16
24	Emergence of novel recombination lineage 3 of porcine reproductive and respiratory syndrome viruses in Southern China. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 578-587.	1.3	16
25	The New Porcine Epidemic Diarrhea Virus Outbreak May Mean That Existing Commercial Vaccines Are Not Enough to Fully Protect Against the Epidemic Strains. <i>Frontiers in Veterinary Science</i> , 2021, 8, 697839.	0.9	15
26	Transcriptome profiling of avian pathogenic <i>Escherichia coli</i> and the mouse microvascular endothelial cell line bEnd.3 during interaction. <i>PeerJ</i> , 2020, 8, e9172.	0.9	15
27	Serological evidence of avian influenza virus and canine influenza virus infections among stray cats in live poultry markets, China. <i>Veterinary Microbiology</i> , 2015, 175, 369-373.	0.8	14
28	Effects of the NF- κ B Signaling Pathway Inhibitor BAY11-7082 in the Replication of ASFV. <i>Viruses</i> , 2022, 14, 297.	1.5	14
29	Ginsenoside Rg1 Suppresses Type 2 PRRSV Infection via NF- κ B Signaling Pathway In Vitro, and Provides Partial Protection against HP-PRRSV in Piglet. <i>Viruses</i> , 2019, 11, 1045.	1.5	13
30	Wnt/ β -catenin signaling pathway inhibits porcine reproductive and respiratory syndrome virus replication by enhancing the nuclear factor- κ B-dependent innate immune response. <i>Veterinary Microbiology</i> , 2020, 251, 108904.	0.8	13
31	The different roles of <i>hcp₁</i> and <i>hcp₂</i> of the type VI secretion system in <i>Escherichia coli</i> strain CE129. <i>Journal of Basic Microbiology</i> , 2018, 58, 938-946.	1.8	12
32	High-frequency mutation and recombination are responsible for the emergence of novel porcine reproductive and respiratory syndrome virus in northwest China. <i>Archives of Virology</i> , 2019, 164, 2725-2733.	0.9	12
33	Small non-coding RNA STnc640 regulates expression of fimA fimbrial gene and virulence of <i>Salmonella enterica</i> serovar Enteritidis. <i>BMC Veterinary Research</i> , 2019, 15, 319.	0.7	11
34	The African Swine Fever Virus with MGF360 and MGF505 Deleted Reduces the Apoptosis of Porcine Alveolar Macrophages by Inhibiting the NF- κ B Signaling Pathway and Interleukin-1 β . <i>Vaccines</i> , 2021, 9, 1371.	2.1	11
35	Detection of <i>Anaplasma platys</i> in dogs using real-time loop-mediated isothermal amplification. <i>Veterinary Journal</i> , 2014, 199, 468-470.	0.6	10
36	Identification and characterization of two linear epitope motifs in hepatitis E virus ORF2 protein. <i>PLoS ONE</i> , 2017, 12, e0184947.	1.1	10

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37	GS-441524 inhibits African swine fever virus infection in vitro. <i>Antiviral Research</i> , 2021, 191, 105081.	1.9	10
38	A Proline-Rich Domain in the Genotype 4 Hepatitis E Virus ORF3 C-Terminus Is Crucial for Downstream V105DLP108 Immunoactivity. <i>PLoS ONE</i> , 2015, 10, e0133282.	1.1	10
39	Ursolic acid derivatives are potent inhibitors against porcine reproductive and respiratory syndrome virus. <i>RSC Advances</i> , 2020, 10, 22783-22796.	1.7	9
40	Cortisol inhibits the <i>Escherichia coli</i> -induced endometrial inflammatory response through NF- κ B and MAPK pathways in postpartum goats. <i>Animal Reproduction Science</i> , 2020, 215, 106333.	0.5	9
41	Expression and Antibody Preparation of GP5a Gene of Porcine Reproductive and Respiratory Syndrome Virus. <i>Indian Journal of Microbiology</i> , 2013, 53, 370-375.	1.5	8
42	African swine fever recovery in China. <i>Veterinary Medicine and Science</i> , 2020, 6, 890-893.	0.6	8
43	Different effects of cortisol on pro-inflammatory gene expressions in LPS-, heat-killed <i>E.coli</i> -, or live <i>E.coli</i> -stimulated bovine endometrial epithelial cells. <i>BMC Veterinary Research</i> , 2020, 16, 9.	0.7	8
44	Characterization and utility of phages bearing peptides with affinity to porcine reproductive and respiratory syndrome virus nsp7 protein. <i>Journal of Virological Methods</i> , 2015, 222, 231-241.	1.0	7
45	Sparse serological evidence of H5N1 avian influenza virus infections in domestic cats, northeastern China. <i>Microbial Pathogenesis</i> , 2015, 82, 27-30.	1.3	6
46	First report and genetic diversity of porcine bufavirus in China. <i>Virology Journal</i> , 2020, 17, 2.	1.4	6
47	Development of a Dual Fluorescent Microsphere Immunological Assay for Detection of Pseudorabies Virus gE and gB IgG Antibodies. <i>Viruses</i> , 2020, 12, 912.	1.5	6
48	Disinfection Effect of Short-wave Ultraviolet Radiation(UV-C) on ASFV in Water. <i>Journal of Infection</i> , 2020, 80, 671-693.	1.7	6
49	Meloxicam Inhibited the Proliferation of LPS-Stimulated Bovine Endometrial Epithelial Cells Through Wnt/ β -Catenin and PI3K/AKT Pathways. <i>Frontiers in Veterinary Science</i> , 2021, 8, 637707.	0.9	6
50	Colibactin in avian pathogenic <i>Escherichia coli</i> contributes to the development of meningitis in a mouse model. <i>Virulence</i> , 2021, 12, 2382-2399.	1.8	6
51	Positive regulation of Type III secretion effectors and virulence by RyhB paralogs in <i>Salmonella enterica</i> serovar Enteritidis. <i>Veterinary Research</i> , 2021, 52, 44.	1.1	5
52	Beta-endorphin inhibits the inflammatory response of bovine endometrial cells through μ opioid receptor in vitro. <i>Developmental and Comparative Immunology</i> , 2021, 121, 104074.	1.0	5
53	ClbG in Avian Pathogenic <i>Escherichia coli</i> Contributes to Meningitis Development in a Mouse Model. <i>Toxins</i> , 2021, 13, 546.	1.5	5
54	Anti-inflammatory effects of progesterone through NF- κ B and MAPK pathway in lipopolysaccharide- or <i>Escherichia coli</i> -stimulated bovine endometrial stromal cells. <i>PLoS ONE</i> , 2022, 17, e0266144.	1.1	5

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55	Immortalization effect of SV40T lentiviral vectors on canine corneal epithelial cells. <i>BMC Veterinary Research</i> , 2022, 18, 181.	0.7	5
56	Identification of epitopes on nonstructural protein 7 of porcine reproductive and respiratory syndrome virus recognized by monoclonal antibodies using phage-display technology. <i>Virus Genes</i> , 2017, 53, 623-635.	0.7	4
57	Lack of exposure of H10N8 avian influenza virus among veterinarians in guangdong province, China. <i>Journal of Medical Virology</i> , 2015, 87, 2018-2020.	2.5	3
58	Effects of physical and chemical factors on pseudorabies virus activity in vitro. <i>BMC Veterinary Research</i> , 2020, 16, 358.	0.7	2
59	A Method for the Analysis of African Swine Fever by Viral Metagenomic Sequencing. <i>Frontiers in Veterinary Science</i> , 2021, 8, 766533.	0.9	2
60	Whole genome sequencing of clinical specimens reveals the genomic diversity of porcine reproductive and respiratory syndrome viruses emerging in China. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	1.3	2
61	Development of a novel immunoperoxidase monolayer assay for detection of swine Hepatitis E virus antibodies based on stable cell lines expressing the ORF3 protein. <i>Acta Veterinaria Hungarica</i> , 2014, 62, 243-256.	0.2	1
62	No evidence H10N8 avian influenza virus infections among poultry workers in Guangdong Province before 2013. <i>Journal of Clinical Virology</i> , 2015, 62, 6-7.	1.6	1
63	Phages bearing specific peptides with affinity for porcine reproductive and respiratory syndrome virus GP4 protein prevent cell penetration of the virus. <i>Veterinary Microbiology</i> , 2018, 224, 43-49.	0.8	1
64	ClpV1 in avian pathogenic <i>Escherichia coli</i> is a crucial virulence factor contributing to meningitis in a mouse model in vivo. <i>Veterinary Microbiology</i> , 2021, 263, 109273.	0.8	1
65	Cortisol inhibits lipopolysaccharide-induced inflammatory response in bovine endometrial stromal cells via NF- κ B and MAPK signaling pathways. <i>Developmental and Comparative Immunology</i> , 2022, 133, 104426.	1.0	1