Hongyan Chen

List of Publications by Year
in descending order

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50	837	567144 15	580701 25
papers	citations	h-index	g-index

51	51	51	1251
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antimicrobial, anti-adhesive and anti-biofilm potential of biosurfactants isolated from Pediococcus acidilactici and Lactobacillus plantarum against Staphylococcus aureus CMCC26003. Microbial Pathogenesis, 2019, 127, 12-20.	1.3	99
2	Lactobacillus brevis 23017 Relieves Mercury Toxicity in the Colon by Modulation of Oxidative Stress and Inflammation Through the Interplay of MAPK and NF-Î²B Signaling Cascades. Frontiers in Microbiology, 2018, 9, 2425.	1.5	77
3	Antibacterial and Antibiofilm Activity of Lactic Acid Bacteria Isolated from Traditional Artisanal Milk Cheese from Northeast China Against Enteropathogenic Bacteria. Probiotics and Antimicrobial Proteins, 2018, 10, 601-610.	1.9	52
4	Selection of a DNA Aptamer against Zearalenone and Docking Analysis for Highly Sensitive Rapid Visual Detection with Label-Free Aptasensor. Journal of Agricultural and Food Chemistry, 2018, 66, 12102-12110.	2.4	47
5	Porcine Epidemic Diarrhea Virus-Induced Epidermal Growth Factor Receptor Activation Impairs the Antiviral Activity of Type I Interferon. Journal of Virology, 2018, 92, .	1.5	44
6	Antioxidative and Probiotic Activities of Lactic Acid Bacteria Isolated from Traditional Artisanal Milk Cheese from Northeast China. Probiotics and Antimicrobial Proteins, 2019, 11, 1086-1099.	1.9	44
7	L-Glutamine Supplementation Alleviates Constipation during Late Gestation of Mini Sows by Modifying the Microbiota Composition in Feces. BioMed Research International, 2017, 2017, 1-9.	0.9	28
8	Providencia heimbachae Associated with Post-weaning Diarrhea in Piglets: Identification, Phenotype, and Pathogenesis. Current Microbiology, 2022, 79, 1.	1.0	28
9	Molecular and antigenic characteristics of Newcastle disease virus isolates from domestic ducks in China. Infection, Genetics and Evolution, 2015, 32, 34-43.	1.0	27
10	Selection of an aptamer against Muscovy duck parvovirus for highly sensitive rapid visual detection by label-free aptasensor. Talanta, 2018, 176, 214-220.	2.9	22
11	DEV induce autophagy via the endoplasmic reticulum stress related unfolded protein response. PLoS ONE, 2017, 12, e0189704.	1.1	21
12	Detection and molecular characterization of canine circovirus circulating in northeastern China during 2014â€“2016. Archives of Virology, 2020, 165, 137-143.	0.9	21
13	Association among biofilm formation, virulence gene expression, and antibiotic resistance in Proteus mirabilis isolates from diarrhetic animals in Northeast China. BMC Veterinary Research, 2020, 16, 176.	0.7	21
14	Swine Leukocyte Antigen Diversity in Canadian Specific Pathogen-Free Yorkshire and Landrace Pigs. Frontiers in Immunology, 2017, 8, 282.	2.2	19
15	Downregulation of miR-218 by porcine reproductive and respiratory syndrome virus facilitates viral replication via inhibition of type I interferon responses. Journal of Biological Chemistry, 2021, 296, 100683.	1.6	17
16	Impaired Cellular Energy Metabolism Contributes to Duck-Enteritis-Virus-Induced Autophagy via the AMPKâ€“TSC2â€“MTOR Signaling Pathway. Frontiers in Cellular and Infection Microbiology, 2017, 7, 423.	1.8	15
17	Biosurfactants of Lactobacillus helveticus for biodiversity inhibit the biofilm formation of Staphylococcus aureus and cell invasion. Future Microbiology, 2019, 14, 1133-1146.	1.0	15
18	LGP2 plays a critical role in MDA5-mediated antiviral activity against duck enteritis virus. Molecular Immunology, 2019, 116, 160-166.	1.0	13

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19	Duck RIG-I restricts duck enteritis virus infection. Veterinary Microbiology, 2019, 230, 78-85.	0.8	13
20	Comments on duck circovirus (DuCV) genotype definition. Gene, 2014, 538, 207-208.	1.0	12
21	Metalloprotease ADAM17 regulates porcine epidemic diarrhea virus infection by modifying aminopeptidase N. Virology, 2018, 517, 24-29.	1.1	12
22	Unveiling the long non-coding RNA profile of porcine reproductive and respiratory syndrome virus-infected porcine alveolar macrophages. BMC Genomics, 2021, 22, 177.	1.2	11
23	Specificity Characterization of SLA Class I Molecules Binding to Swine-Origin Viral Cytotoxic T Lymphocyte Epitope Peptides in Vitro. Frontiers in Microbiology, 2017, 8, 2524.	1.5	10
24	Metagenomic Analysis of the Jinding Duck Fecal Virome. Current Microbiology, 2018, 75, 658-665.	1.0	9
25	Application of Real-Time Quantitative PCR to Detect Mink Circovirus in Naturally and Experimentally Infected Minks. Frontiers in Microbiology, 2018, 9, 937.	1.5	9
26	Duck hepatitis A virus (DHAV) genotype definition: Comment on the article by Cha et al.. Veterinary Microbiology, 2014, 170, 462-464.	0.8	8
27	Complete mitochondrial genome of the gray red-backed vole (Myodes rufocanus) and a complete estimate of the phylogenetic relationships in Cricetidae. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2017, 28, 62-64.	0.7	8
28	Duck enteritis virus activates CaMKKÎ²-AMPK to trigger autophagy in duck embryo fibroblast cells via increased cytosolic calcium. Virology Journal, 2018, 15, 120.	1.4	8
29	Genomic characterization of circoviruses associated with acute gastroenteritis in minks in northeastern China. Archives of Virology, 2018, 163, 2727-2735.	0.9	8
30	Detection of Antibodies Against Canine Circovirus in Naturally and Experimentally Infected Canines by Recombinant Capsid Enzyme-Linked Immunosorbent Assay. Frontiers in Veterinary Science, 2020, 7, 294.	0.9	8
31	Molecular Detection and Genetic Characterization of Potential Zoonotic Swine Enteric Viruses in Northern China. Pathogens, 2022, 11, 417.	1.2	8
32	Characterization of parainfluenza virus 5 from diarrheic piglet highlights its zoonotic potential. Transboundary and Emerging Diseases, 2022, 69, .	1.3	8
33	Rapid and sensitive detection of mink circovirus by recombinase polymerase amplification. Journal of Virological Methods, 2018, 256, 1-5.	1.0	7
34	Identification and characterization of a novel B-cell epitope on Aleutian Mink Disease virus capsid protein VP2 using a monoclonal antibody. Virus Research, 2018, 248, 74-79.	1.1	7
35	Development and application of an indirect enzyme-linked immunosorbent assay based on recombinant capsid protein for the detection of mink circovirus infection. BMC Veterinary Research, 2018, 14, 29.	0.7	7
36	Aptamer-targeting of Aleutian mink disease virus (AMDV) can be an effective strategy to inhibit virus replication. Scientific Reports, 2021, 11, 4649.	1.6	7

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37	Glutamine Ameliorates Mucosal Damage Caused by Immune Responses to Duck Plague Virus. Dose-Response, 2017, 15, 155932581770867.	0.7	6
38	PP2A Facilitates Porcine Reproductive and Respiratory Syndrome Virus Replication by Deactivating irf3 and Limiting Type I Interferon Production. Viruses, 2019, 11, 948.	1.5	6
39	Construction of the recombinant duck enteritis virus delivering capsid protein VP0 of the duck hepatitis A virus. Veterinary Microbiology, 2020, 249, 108837.	0.8	6
40	De novo transcriptomic analysis and development of EST-SSR markers in the Siberian tiger (Panthera) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.0	5
41	Comparative genetic analysis and pathological characteristics of goose parvovirus isolated in Heilongjiang, China. Virology Journal, 2018, 15, 27.	1.4	5
42	Abundance of Lactobacillus in porcine gut microbiota is closely related to immune response following PRRSV immunization. Veterinary Microbiology, 2021, 259, 109134.	0.8	5
43	Isolation, Characterization, and Molecular Detection of Porcine Sapelovirus. Viruses, 2022, 14, 349.	1.5	5
44	Potential zoonotic swine enteric viruses: The risk ignored for public health. Virus Research, 2022, 315, 198767.	1.1	5
45	TBK1 Mediates Innate Antiviral Immune Response against Duck Enteritis Virus. Viruses, 2022, 14, 1008.	1.5	5
46	Molecular genetic characterization and haplotype diversity of swine leukocyte antigen in Chinese Rongshui miniature pigs. Molecular Immunology, 2019, 112, 215-222.	1.0	4
47	Biological characteristic and cytokines response of passages duck plague virus in ducks. Virus Research, 2021, 295, 198320.	1.1	4
48	Development of a Multiplex RT-PCR Assay for Simultaneous Detection of Four Potential Zoonotic Swine RNA Viruses. Veterinary Sciences, 2022, 9, 176.	0.6	4
49	Paraoxonase-1 Facilitates PRRSV Replication by Interacting with Viral Nonstructural Protein-9 and Inhibiting Type I Interferon Pathway. Viruses, 2022, 14, 1203.	1.5	4
50	Development of an antigen-capture enzyme-linked immunosorbent assay for diagnosis of Aleutian mink disease virus. Archives of Virology, 2021, 166, 83-90.	0.9	3