Rui Wu

List of Publications by Year
in descending order

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69	778	566801 15	713013 21
papers	citations	h-index	g-index

73	73	73	804
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A recombinant nucleocapsid protein-based indirect enzyme-linked immunosorbent assay to detect antibodies against porcine deltacoronavirus. Journal of Veterinary Medical Science, 2016, 78, 601-606.	0.3	36
2	HtrA Is Important for Stress Resistance and Virulence in Haemophilus parasuis. Infection and Immunity, 2016, 84, 2209-2219.	1.0	35
3	Characterization and Pathogenicity of the Porcine Deltacoronavirus Isolated in Southwest China. Viruses, 2019, 11, 1074.	1.5	32
4	Identification of the immunodominant neutralizing regions in the spike glycoprotein of porcine deltacoronavirus. Virus Research, 2020, 276, 197834.	1.1	30
5	QseC Mediates Osmotic Stress Resistance and Biofilm Formation in Haemophilus parasuis. Frontiers in Microbiology, 2018, 9, 212.	1.5	29
6	A TolC-Like Protein of Actinobacillus pleuropneumoniae Is Involved in Antibiotic Resistance and Biofilm Formation. Frontiers in Microbiology, 2016, 07, 1618.	1.5	27
7	Acute oral toxicity test and assessment of combined toxicity of cadmium and aflatoxin B1 in kunming mice. Food and Chemical Toxicology, 2019, 131, 110577.	1.8	26
8	Construction of a bivalent DNA vaccine co-expressing S genes of transmissible gastroenteritis virus and porcine epidemic diarrhea virus delivered by attenuated Salmonella typhimurium. Virus Genes, 2016, 52, 354-364.	0.7	24
9	Effect of cheY deletion on growth and colonization in a Haemophilus parasuis serovar 13 clinical strain EP3. Gene, 2016, 577, 96-100.	1.0	22
10	The arcA gene contributes to the serum resistance and virulence of Haemophilus parasuis serovar 13 clinical strain EP3. Veterinary Microbiology, 2016, 196, 67-71.	0.8	20
11	A requirement of TolC1 for effective survival, colonization and pathogenicity of Actinobacillus pleuropneumoniae. Microbial Pathogenesis, 2019, 134, 103596.	1.3	19
12	Establishment of a Successive Markerless Mutation System in Haemophilus parasuis through Natural Transformation. PLoS ONE, 2015, 10, e0127393.	1.1	19
13	Identification of a Novel Linear B-Cell Epitope on the Nucleocapsid Protein of Porcine Deltacoronavirus. International Journal of Molecular Sciences, 2020, 21, 648.	1.8	18
14	Prevalence and seroepidemiology ofHaemophilus parasuisin Sichuan province, China. PeerJ, 2017, 5, e3379.	0.9	18
15	Serological and molecular epidemiology of Japanese encephalitis virus infections in swine herds in China, 2006â€“2012. Journal of Veterinary Science, 2018, 19, 151.	0.5	17
16	Aerosol and Contact Transmission Following Intranasal Infection of Mice with Japanese Encephalitis Virus. Viruses, 2019, 11, 87.	1.5	17
17	Tissue tropism and molecular characterization of a Japanese encephalitis virus strain isolated from pigs in southwest China. Virus Research, 2016, 215, 55-64.	1.1	16
18	Comparison of Pathogenicity and Transmissibility of Influenza B and D Viruses in Pigs. Viruses, 2019, 11, 905.	1.5	16

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19	Construction of an oral vaccine for transmissible gastroenteritis virus based on the TGEV N gene expressed in an attenuated Salmonella typhimurium vector. Journal of Virological Methods, 2016, 227, 6-13.	1.0	14
20	Antigenic and Pathogenic Characteristics of QX-Type Avian Infectious Bronchitis Virus Strains Isolated in Southwestern China. Viruses, 2019, 11, 1154.	1.5	14
21	Mutation of I176R in the E coding region weakens Japanese encephalitis virus neurovirulence, but not its growth rate in BHK-21 cells. Archives of Virology, 2018, 163, 1351-1355.	0.9	13
22	First complete genomic characterization of a porcine parvovirus 5 isolate from China. Archives of Virology, 2014, 159, 1533-1536.	0.9	12
23	Comparative proteome analysis of the extracellular proteins of two Haemophilus parasuis strains Nagasaki and SW114. Biochemical and Biophysical Research Communications, 2014, 446, 997-1001.	1.0	12
24	OxyR of Haemophilus parasuis is a global transcriptional regulator important in oxidative stress resistance and growth. Gene, 2018, 643, 107-116.	1.0	12
25	Identification and pathogenicity of Plesiomonas shigelloides from Acipenser dabryanus in China. Aquaculture Research, 2021, 52, 2286-2293.	0.9	12
26	Immunoprotective Efficacy of Six In vivo-Induced Antigens against Actinobacillus pleuropneumoniae as Potential Vaccine Candidates in Murine Model. Frontiers in Microbiology, 2016, 7, 1623.	1.5	11
27	Hsp40 Protein DNAJB6 Interacts with Viral NS3 and Inhibits the Replication of the Japanese Encephalitis Virus. International Journal of Molecular Sciences, 2019, 20, 5719.	1.8	11
28	Introducing a cleavable signal peptide enhances the packaging efficiency of lentiviral vectors pseudotyped with Japanese encephalitis virus envelope proteins. Virus Research, 2017, 229, 9-16.	1.1	10
29	Basic Characterization of Natural Transformation in a Highly Transformable Haemophilus parasuis Strain SC1401. Frontiers in Cellular and Infection Microbiology, 2018, 8, 32.	1.8	10
30	Deletion of Polyamine Transport Protein PotD Exacerbates Virulence in Glaesserella (Haemophilus) parasuis in the Form of Non-biofilm-generated Bacteria in a Murine Acute Infection Model. Virulence, 2021, 12, 520-546.	1.8	10
31	TolC2 is required for the resistance, colonization and virulence of Actinobacillus pleuropneumoniae. Journal of Medical Microbiology, 2017, 66, 1170-1176.	0.7	10
32	Comparative proteomic analysis of the membrane proteins of two Haemophilus parasuis strains to identify proteins that may help in habitat adaptation and pathogenesis. Proteome Science, 2014, 12, 38.	0.7	9
33	Complete Genome Sequence of Highly Virulent Haemophilus parasuis Serotype 11 Strain SC1401. Genome Announcements, 2016, 4, .	0.8	9
34	Identification, genotyping, and pathogenicity of Trichosporon spp. Isolated from Giant pandas (Ailuropoda melanoleuca). BMC Microbiology, 2019, 19, 113.	1.3	9
35	Absence of TolC Impairs Biofilm Formation in Actinobacillus pleuropneumoniae by Reducing Initial Attachment. PLoS ONE, 2016, 11, e0163364.	1.1	8
36	The NS3 and NS4A genes as the targets of RNA interference inhibit replication of Japanese encephalitis virus in vitro and in vivo. Gene, 2016, 594, 183-189.	1.0	8

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37	Enhanced Immune Responses Against Japanese Encephalitis Virus Infection Using Japanese Encephalitis Live-Attenuated Virus Adjuvanted with Montanide GEL 01 ST in Mice. Vector-Borne and Zoonotic Diseases, 2019, 19, 835-843.	0.6	8
38	Assessment of the pulmonary adaptive immune response to Cladosporium cladosporioides infection using an experimental mouse model. Scientific Reports, 2021, 11, 909.	1.6	8
39	A trivalent Apx-fusion protein delivered by E. coli outer membrane vesicles induce protection against Actinobacillus pleuropneumoniae of serotype 1 and 7 challenge in a murine model. PLoS ONE, 2018, 13, e0191286.	1.1	8
40	A Comparative Transcriptomic Analysis Reveals That HSP90AB1 Is Involved in the Immune and Inflammatory Responses to Porcine Deltacoronavirus Infection. International Journal of Molecular Sciences, 2022, 23, 3280.	1.8	8
41	Immunogenicity of the recombinant HxuCBA proteins encoded by hxuCBA gene cluster of Haemophilus parasuis in mice. Gene, 2016, 591, 478-483.	1.0	7
42	Polyamine Transport Protein PotD Protects Mice against Haemophilus parasuis and Elevates the Secretion of Pro-Inflammatory Cytokines of Macrophage via JNKâ€“MAPK and NFâ€“Î²B Signal Pathways through TLR4. Vaccines, 2019, 7, 216.	2.1	7
43	Regulatory effect of m⁶A modification on different viruses. Journal of Medical Virology, 2021, 93, 6100-6115.	2.5	7
44	Study of the inhibitory effect of STAT1 on PDCoV infection. Veterinary Microbiology, 2022, 266, 109333.	0.8	7
45	Enhanced immune responses against Japanese encephalitis virus using recombinant adenoviruses coexpressing Japanese encephalitis virus envelope and porcine interleukin-6 proteins in mice. Virus Research, 2016, 222, 34-40.	1.1	6
46	Phylogenetic analysis reveals that Japanese encephalitis virus genotype III is still prevalent in swine herds in Sichuan province in China. Archives of Virology, 2016, 161, 1719-1722.	0.9	6
47	Polyamine-binding protein PotD2 is required for stress tolerance and virulence in Actinobacillus pleuropneumoniae. Antonie Van Leeuwenhoek, 2017, 110, 1647-1657.	0.7	6
48	Effective Pro-Inflammatory Induced Activity of GALT, a Conserved Antigen in A. Pleuropneumoniae, Improves the Cytokines Secretion of Macrophage via p38, ERK1/2 and JNK MAPKs Signal Pathway. Frontiers in Cellular and Infection Microbiology, 2018, 8, 337.	1.8	6
49	Escherichia coli-derived outer membrane vesicles deliver galactose-1-phosphate uridyltransferase and yield partial protection against Actinobacillus pleuropneumoniae in mice. Journal of Microbiology and Biotechnology, 2018, 28, 2095-2105.	0.9	6
50	HSP90 inhibitors 17-AAG and VER-82576 inhibit porcine deltacoronavirus replication in vitro. Veterinary Microbiology, 2022, 265, 109316.	0.8	6
51	Porcine Deltacoronavirus (PDCoV) Entry into PK-15 Cells by Caveolae-Mediated Endocytosis. Viruses, 2022, 14, 496.	1.5	6
52	Construction of targeted and integrative promoter-reporter plasmids pDK-K and pDK-G to measure gene expression activity in Haemophilus parasuis. Microbial Pathogenesis, 2019, 134, 103565.	1.3	5
53	Evolutionary dynamics and transmission patterns of Newcastle disease virus in China through Bayesian phylogeographical analysis. PLoS ONE, 2020, 15, e0239809.	1.1	5
54	Identification of Actinobacillus pleuropneumoniae Genes Preferentially Expressed During Infection Using In Vivo-Induced Antigen Technology (IVIAT). Journal of Microbiology and Biotechnology, 2015, 25, 1606-1613.	0.9	5

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55	A streptomycin resistance marker inH.Âparasuisbased on site-directed mutations inrpsLgene to perform unmarked in-frame mutations and to verify natural transformation. PeerJ, 2018, 6, e4253.	0.9	5
56	Chryseobacterium chengduensis sp. nov. isolated from the air of captive giant panda enclosures in Chengdu, China. Journal of Zhejiang University: Science B, 2016, 17, 610-618.	1.3	4
57	Molecular and functional characterization of HtrA protein in Actinobacillus pleuropneumoniae. Veterinary Microbiology, 2021, 257, 109058.	0.8	4
58	Comparative transcriptome analysis reveals that deletion of CheY influences gene expressions of ABC transports and metabolism in Haemophilus parasuis. Functional and Integrative Genomics, 2021, 21, 695-707.	1.4	4
59	Development and application of a visual microarray for synchronously detecting H5N1, H7N9 and H9N2 avian influenza virus RNA. Journal of Virological Methods, 2022, 301, 114371.	1.0	4
60	Molecular characterization of antimicrobial resistance and virulence factors of Enterococcus faecalis from ducks at slaughterhouses. Poultry Science, 2022, 101, 101646.	1.5	4
61	Immunogenicity of transmissible gastroenteritis virus (TGEV) M gene delivered by attenuated Salmonella typhimurium in mice. Virus Genes, 2016, 52, 218-227.	0.7	3
62	Genomic changes in an attenuated genotype I Japanese encephalitis virus and comparison with virulent parental strain. Virus Genes, 2018, 54, 424-431.	0.7	3
63	A class â... lentogenic newcastle disease virus strain confers effective protection against the prevalent strains. Biologicals, 2020, 63, 74-80.	0.5	3
64	Skin Microbiota of the Captive Giant Panda (Ailuropoda Melanoleuca) and the Distribution of Opportunistic Skin Disease-Associated Bacteria in Different Seasons. Frontiers in Veterinary Science, 2021, 8, 666486.	0.9	3
65	Skin Mycobiota of the Captive Giant Panda (Ailuropoda melanoleuca) and the Distribution of Opportunistic Dermatomycosis-Associated Fungi in Different Seasons. Frontiers in Veterinary Science, 2021, 8, 708077.	0.9	3
66	Innate and mild Th17 cutaneous immune responses elicited by subcutaneous infection of immunocompetent mice with Cladosporium cladosporioides. Microbial Pathogenesis, 2022, 163, 105384.	1.3	2
67	Phylogeny, Evolution, and Transmission Dynamics of Canine and Feline Coronaviruses: A Retro-Prospective Study. Frontiers in Microbiology, 2022, 13, 850516.	1.5	1
68	Promoter methylation, mRNA expression of goat tumor-associated genes and mRNA expression of DNA methyltransferase in enzootic nasal tumors. Molecular Medicine Reports, 2015, 12, 6275-6285.	1.1	0
69	Galactose-1-phosphate uridyltransferase (GalT), an in vivo-induced antigen of Actinobacillus pleuropneumoniae serovar 5b strain L20, provided immunoprotection against serovar 1 strain MS71. PLoS ONE, 2018, 13, e0198207.	1.1	0