

Rui Wu

List of Publications by Year in descending order

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69
papers

778
citations

566801

15
h-index

713013

21
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73
all docs

73
docs citations

73
times ranked

804
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and application of a visual microarray for synchronously detecting H5N1, H7N9 and H9N2 avian influenza virus RNA. <i>Journal of Virological Methods</i> , 2022, 301, 114371.	1.0	4
2	Molecular characterization of antimicrobial resistance and virulence factors of <i>Enterococcus faecalis</i> from ducks at slaughterhouses. <i>Poultry Science</i> , 2022, 101, 101646.	1.5	4
3	Study of the inhibitory effect of STAT1 on PDCoV infection. <i>Veterinary Microbiology</i> , 2022, 266, 109333.	0.8	7
4	HSP90 inhibitors 17-AAG and VER-82576 inhibit porcine deltacoronavirus replication in vitro. <i>Veterinary Microbiology</i> , 2022, 265, 109316.	0.8	6
5	Innate and mild Th17 cutaneous immune responses elicited by subcutaneous infection of immunocompetent mice with <i>Cladosporium cladosporioides</i> . <i>Microbial Pathogenesis</i> , 2022, 163, 105384.	1.3	2
6	Porcine Deltacoronavirus (PDCoV) Entry into PK-15 Cells by Caveolae-Mediated Endocytosis. <i>Viruses</i> , 2022, 14, 496.	1.5	6
7	A Comparative Transcriptomic Analysis Reveals That HSP90AB1 Is Involved in the Immune and Inflammatory Responses to Porcine Deltacoronavirus Infection. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3280.	1.8	8
8	Phylogeny, Evolution, and Transmission Dynamics of Canine and Feline Coronaviruses: A Retro-Pro prospective Study. <i>Frontiers in Microbiology</i> , 2022, 13, 850516.	1.5	1
9	Deletion of Polyamine Transport Protein PotD Exacerbates Virulence in <i>Glaesserella</i> (<i>Haemophilus</i>) <i>parasuis</i> in the Form of Non-biofilm-generated Bacteria in a Murine Acute Infection Model. <i>Virulence</i> , 2021, 12, 520-546.	1.8	10
10	Identification and pathogenicity of <i>Plesiomonas shigelloides</i> from <i>Acipenser dabryanus</i> in China. <i>Aquaculture Research</i> , 2021, 52, 2286-2293.	0.9	12
11	Molecular and functional characterization of HtrA protein in <i>Actinobacillus pleuropneumoniae</i> . <i>Veterinary Microbiology</i> , 2021, 257, 109058.	0.8	4
12	Skin Microbiota of the Captive Giant Panda (<i>Ailuropoda Melanoleuca</i>) and the Distribution of Opportunistic Skin Disease-Associated Bacteria in Different Seasons. <i>Frontiers in Veterinary Science</i> , 2021, 8, 666486.	0.9	3
13	Regulatory effect of m ⁶ A modification on different viruses. <i>Journal of Medical Virology</i> , 2021, 93, 6100-6115.	2.5	7
14	Assessment of the pulmonary adaptive immune response to <i>Cladosporium cladosporioides</i> infection using an experimental mouse model. <i>Scientific Reports</i> , 2021, 11, 909.	1.6	8
15	Comparative transcriptome analysis reveals that deletion of CheY influences gene expressions of ABC transports and metabolism in <i>Haemophilus parasuis</i> . <i>Functional and Integrative Genomics</i> , 2021, 21, 695-707.	1.4	4
16	Skin Mycobiota of the Captive Giant Panda (<i>Ailuropoda melanoleuca</i>) and the Distribution of Opportunistic Dermatomycosis-Associated Fungi in Different Seasons. <i>Frontiers in Veterinary Science</i> , 2021, 8, 708077.	0.9	3
17	Identification of the immunodominant neutralizing regions in the spike glycoprotein of porcine deltacoronavirus. <i>Virus Research</i> , 2020, 276, 197834.	1.1	30
18	A class â... lentogenic newcastle disease virus strain confers effective protection against the prevalent strains. <i>Biologicals</i> , 2020, 63, 74-80.	0.5	3

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19	Evolutionary dynamics and transmission patterns of Newcastle disease virus in China through Bayesian phylogeographical analysis. <i>PLoS ONE</i> , 2020, 15, e0239809.	1.1	5
20	Identification of a Novel Linear B-Cell Epitope on the Nucleocapsid Protein of Porcine Deltacoronavirus. <i>International Journal of Molecular Sciences</i> , 2020, 21, 648.	1.8	18
21	Enhanced Immune Responses Against Japanese Encephalitis Virus Infection Using Japanese Encephalitis Live-Attenuated Virus Adjuvanted with Montanide GEL 01 ST in Mice. <i>Vector-Borne and Zoonotic Diseases</i> , 2019, 19, 835-843.	0.6	8
22	Comparison of Pathogenicity and Transmissibility of Influenza B and D Viruses in Pigs. <i>Viruses</i> , 2019, 11, 905.	1.5	16
23	Aerosol and Contact Transmission Following Intranasal Infection of Mice with Japanese Encephalitis Virus. <i>Viruses</i> , 2019, 11, 87.	1.5	17
24	Acute oral toxicity test and assessment of combined toxicity of cadmium and aflatoxin B1 in kunming mice. <i>Food and Chemical Toxicology</i> , 2019, 131, 110577.	1.8	26
25	A requirement of TolC1 for effective survival, colonization and pathogenicity of <i>Actinobacillus pleuropneumoniae</i> . <i>Microbial Pathogenesis</i> , 2019, 134, 103596.	1.3	19
26	Identification, genotyping, and pathogenicity of <i>Trichosporon</i> spp. Isolated from Giant pandas (<i>Ailuropoda melanoleuca</i>). <i>BMC Microbiology</i> , 2019, 19, 113.	1.3	9
27	Construction of targeted and integrative promoter-reporter plasmids pDK-K and pDK-G to measure gene expression activity in <i>Haemophilus parasuis</i> . <i>Microbial Pathogenesis</i> , 2019, 134, 103565.	1.3	5
28	Hsp40 Protein DNAJB6 Interacts with Viral NS3 and Inhibits the Replication of the Japanese Encephalitis Virus. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5719.	1.8	11
29	Characterization and Pathogenicity of the Porcine Deltacoronavirus Isolated in Southwest China. <i>Viruses</i> , 2019, 11, 1074.	1.5	32
30	Polyamine Transport Protein PotD Protects Mice against <i>Haemophilus parasuis</i> and Elevates the Secretion of Pro-Inflammatory Cytokines of Macrophage via JNK-MAPK and NF- κ B Signal Pathways through TLR4. <i>Vaccines</i> , 2019, 7, 216.	2.1	7
31	Antigenic and Pathogenic Characteristics of QX-Type Avian Infectious Bronchitis Virus Strains Isolated in Southwestern China. <i>Viruses</i> , 2019, 11, 1154.	1.5	14
32	Mutation of I176R in the E coding region weakens Japanese encephalitis virus neurovirulence, but not its growth rate in BHK-21 cells. <i>Archives of Virology</i> , 2018, 163, 1351-1355.	0.9	13
33	Genomic changes in an attenuated genotype I Japanese encephalitis virus and comparison with virulent parental strain. <i>Virus Genes</i> , 2018, 54, 424-431.	0.7	3
34	OxyR of <i>Haemophilus parasuis</i> is a global transcriptional regulator important in oxidative stress resistance and growth. <i>Gene</i> , 2018, 643, 107-116.	1.0	12
35	Effective Pro-Inflammatory Induced Activity of GALT, a Conserved Antigen in <i>A. Pleuropneumoniae</i> , Improves the Cytokines Secretion of Macrophage via p38, ERK1/2 and JNK MAPKs Signal Pathway. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 337.	1.8	6
36	Serological and molecular epidemiology of Japanese encephalitis virus infections in swine herds in China, 2006-2012. <i>Journal of Veterinary Science</i> , 2018, 19, 151.	0.5	17

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37	Basic Characterization of Natural Transformation in a Highly Transformable <i>Haemophilus parasuis</i> Strain SC1401. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 32.	1.8	10
38	QseC Mediates Osmotic Stress Resistance and Biofilm Formation in <i>Haemophilus parasuis</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 212.	1.5	29
39	Galactose-1-phosphate uridylyltransferase (GalT), an in vivo-induced antigen of <i>Actinobacillus pleuropneumoniae</i> serovar 5b strain L20, provided immunoprotection against serovar 1 strain MS71. <i>PLoS ONE</i> , 2018, 13, e0198207.	1.1	0
40	A trivalent Apx-fusion protein delivered by <i>E. coli</i> outer membrane vesicles induce protection against <i>Actinobacillus pleuropneumoniae</i> of serotype 1 and 7 challenge in a murine model. <i>PLoS ONE</i> , 2018, 13, e0191286.	1.1	8
41	<i>Escherichia coli</i> -derived outer membrane vesicles deliver galactose-1-phosphate uridylyltransferase and yield partial protection against <i>Actinobacillus pleuropneumoniae</i> in mice. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 2095-2105.	0.9	6
42	A streptomycin resistance marker in <i>H. parasuis</i> based on site-directed mutations in <i>rpsL</i> gene to perform unmarked in-frame mutations and to verify natural transformation. <i>PeerJ</i> , 2018, 6, e4253.	0.9	5
43	Introducing a cleavable signal peptide enhances the packaging efficiency of lentiviral vectors pseudotyped with Japanese encephalitis virus envelope proteins. <i>Virus Research</i> , 2017, 229, 9-16.	1.1	10
44	Polyamine-binding protein PotD2 is required for stress tolerance and virulence in <i>Actinobacillus pleuropneumoniae</i> . <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 1647-1657.	0.7	6
45	TolC2 is required for the resistance, colonization and virulence of <i>Actinobacillus pleuropneumoniae</i> . <i>Journal of Medical Microbiology</i> , 2017, 66, 1170-1176.	0.7	10
46	Prevalence and seroepidemiology of <i>Haemophilus parasuis</i> in Sichuan province, China. <i>PeerJ</i> , 2017, 5, e3379.	0.9	18
47	A TolC-Like Protein of <i>Actinobacillus pleuropneumoniae</i> Is Involved in Antibiotic Resistance and Biofilm Formation. <i>Frontiers in Microbiology</i> , 2016, 07, 1618.	1.5	27
48	Immunoprotective Efficacy of Six In vivo-Induced Antigens against <i>Actinobacillus pleuropneumoniae</i> as Potential Vaccine Candidates in Murine Model. <i>Frontiers in Microbiology</i> , 2016, 7, 1623.	1.5	11
49	Absence of TolC Impairs Biofilm Formation in <i>Actinobacillus pleuropneumoniae</i> by Reducing Initial Attachment. <i>PLoS ONE</i> , 2016, 11, e0163364.	1.1	8
50	HtrA Is Important for Stress Resistance and Virulence in <i>Haemophilus parasuis</i> . <i>Infection and Immunity</i> , 2016, 84, 2209-2219.	1.0	35
51	Complete Genome Sequence of Highly Virulent <i>Haemophilus parasuis</i> Serotype 11 Strain SC1401. <i>Genome Announcements</i> , 2016, 4, .	0.8	9
52	Enhanced immune responses against Japanese encephalitis virus using recombinant adenoviruses coexpressing Japanese encephalitis virus envelope and porcine interleukin-6 proteins in mice. <i>Virus Research</i> , 2016, 222, 34-40.	1.1	6
53	Phylogenetic analysis reveals that Japanese encephalitis virus genotype III is still prevalent in swine herds in Sichuan province in China. <i>Archives of Virology</i> , 2016, 161, 1719-1722.	0.9	6
54	The NS3 and NS4A genes as the targets of RNA interference inhibit replication of Japanese encephalitis virus in vitro and in vivo. <i>Gene</i> , 2016, 594, 183-189.	1.0	8

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55	A recombinant nucleocapsid protein-based indirect enzyme-linked immunosorbent assay to detect antibodies against porcine deltacoronavirus. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 601-606.	0.3	36
56	Immunogenicity of the recombinant HxuCBA proteins encoded by hxuCBA gene cluster of <i>Haemophilus parasuis</i> in mice. <i>Gene</i> , 2016, 591, 478-483.	1.0	7
57	The <i>arcA</i> gene contributes to the serum resistance and virulence of <i>Haemophilus parasuis</i> serovar 13 clinical strain EP3. <i>Veterinary Microbiology</i> , 2016, 196, 67-71.	0.8	20
58	<i>Chryseobacterium chengduensis</i> sp. nov. isolated from the air of captive giant panda enclosures in Chengdu, China. <i>Journal of Zhejiang University: Science B</i> , 2016, 17, 610-618.	1.3	4
59	Construction of a bivalent DNA vaccine co-expressing S genes of transmissible gastroenteritis virus and porcine epidemic diarrhea virus delivered by attenuated <i>Salmonella typhimurium</i> . <i>Virus Genes</i> , 2016, 52, 354-364.	0.7	24
60	Tissue tropism and molecular characterization of a Japanese encephalitis virus strain isolated from pigs in southwest China. <i>Virus Research</i> , 2016, 215, 55-64.	1.1	16
61	Immunogenicity of transmissible gastroenteritis virus (TGEV) M gene delivered by attenuated <i>Salmonella typhimurium</i> in mice. <i>Virus Genes</i> , 2016, 52, 218-227.	0.7	3
62	Effect of <i>cheY</i> deletion on growth and colonization in a <i>Haemophilus parasuis</i> serovar 13 clinical strain EP3. <i>Gene</i> , 2016, 577, 96-100.	1.0	22
63	Construction of an oral vaccine for transmissible gastroenteritis virus based on the TGEV N gene expressed in an attenuated <i>Salmonella typhimurium</i> vector. <i>Journal of Virological Methods</i> , 2016, 227, 6-13.	1.0	14
64	Promoter methylation, mRNA expression of goat tumor-associated genes and mRNA expression of DNA methyltransferase in enzootic nasal tumors. <i>Molecular Medicine Reports</i> , 2015, 12, 6275-6285.	1.1	0
65	Establishment of a Successive Markerless Mutation System in <i>Haemophilus parasuis</i> through Natural Transformation. <i>PLoS ONE</i> , 2015, 10, e0127393.	1.1	19
66	Identification of <i>Actinobacillus pleuropneumoniae</i> Genes Preferentially Expressed During Infection Using In Vivo-Induced Antigen Technology (IVIAT). <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 1606-1613.	0.9	5
67	Comparative proteomic analysis of the membrane proteins of two <i>Haemophilus parasuis</i> strains to identify proteins that may help in habitat adaptation and pathogenesis. <i>Proteome Science</i> , 2014, 12, 38.	0.7	9
68	First complete genomic characterization of a porcine parvovirus 5 isolate from China. <i>Archives of Virology</i> , 2014, 159, 1533-1536.	0.9	12
69	Comparative proteome analysis of the extracellular proteins of two <i>Haemophilus parasuis</i> strains Nagasaki and SW114. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 997-1001.	1.0	12