Dekang Zhu

List of Publications by Year
in descending order

246 papers	3,579 citations	186265 28 h-index	302126 39 g-index
250 all docs	250 docs citations	250 times ranked	1993 citing authors

#	Article	IF	Citations
1	Development of an indirect ELISA method based on the VP4 protein for detection antibody against duck hepatitis A virus type 1. Journal of Virological Methods, 2022, 300, 114393.	2.1	1
2	Decreased virulence of duck Tembusu virus harboring a mutant NS2A with impaired interaction with STING and IFNÎ² induction. Veterinary Microbiology, 2022, 265, 109312.	1.9	0
3	The lysine at position 151 of the duck hepatitis A virus 1 2C protein is critical for its NTPase activities. Veterinary Microbiology, 2022, 264, 109300.	1.9	3
4	RAA Enzyme Is a New Family of Class A Extended-Spectrum Î²-Lactamase from Riemerella anatipestifer Strain RCAD0122. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0175721.	3.2	5
5	Immunogenicity and protection of a Pasteurella multocida strain with a truncated lipopolysaccharide outer core in ducks. Veterinary Research, 2022, 53, 17.	3.0	5
6	Duck plague virus UL41 protein inhibits RIG-I/MDA5-mediated duck IFN-Î² production via mRNA degradation activity. Veterinary Research, 2022, 53, 22.	3.0	2
7	The protein encoded by the duck plague virus UL14 gene regulates virion morphogenesis and affects viral replication. Poultry Science, 2022, 101, 101863.	3.4	0
8	The G92 NS2B mutant of Tembusu virus is involved in severe defects in progeny virus assembly. Veterinary Microbiology, 2022, 267, 109396.	1.9	0
9	Evaluation of the Safety and Immunogenicity of Duck-Plague Virus gE Mutants. Frontiers in Immunology, 2022, 13, 882796.	4.8	6
10	Characterization of RASA-1, a novel class A extended-spectrum beta-lactamase from Riemerella anatipestifer. Veterinary Microbiology, 2022, 270, 109456.	1.9	6
11	Assembly-defective Tembusu virus ectopically expressing capsid protein is an approach for live-attenuated flavivirus vaccine development. Npj Vaccines, 2022, 7, 51.	6.0	1
12	Role of the homologous MTase-RdRp interface of flavivirus intramolecular NS5 on duck tembusu virus. Veterinary Microbiology, 2022, 269, 109433.	1.9	2
13	RNA-Seq analysis of duck embryo fibroblast cells gene expression during duck Tembusu virus infection. Veterinary Research, 2022, 53, 34.	3.0	2
14	Features and Functions of the Conserved Herpesvirus Tegument Protein UL11 and Its Binding Partners. Frontiers in Microbiology, 2022, 13, .	3.5	1
15	Identification of duck GSDME: Tissue distribution, proteolysis and cellular location. Cytokine, 2022, 156, 155925.	3.2	2
16	The autophagyâ€related degradation of MDA5 by Tembusu virus nonstructural 2B disrupts IFNÎ² production. FASEB Journal, 2022, 36, .	0.5	1
17	The substitution at residue 218 of the NS5 protein methyltransferase domain of Tembusu virus impairs viral replication and translation and may triggers RIG-I-like receptor signaling. Poultry Science, 2022, 101, 102017.	3.4	2
18	Duck hepatitis A virus type 1 mediates cell cycle arrest in the S phase. Virology Journal, 2022, 19, .	3.4	2

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19	Duck Tembusu virus infection induces mitochondrial-mediated and death receptor-mediated apoptosis in duck embryo fibroblasts. Veterinary Research, 2022, 53, .	3.0	2
20	A proposed disease classification system for duck viral hepatitis. Poultry Science, 2022, , 102042.	3.4	0
21	Two nuclear localization signals regulate intracellular localization of the duck enteritis virus UL13 protein. Poultry Science, 2021, 100, 26-38.	3.4	2
22	Immunogenicity and protection efficacy of a Salmonella enterica serovar Typhimurium fnr, arcA and fliC mutant. Vaccine, 2021, 39, 588-595.	3.8	10
23	The Roles of Envelope Glycoprotein M in the Life Cycle of Some Alphaherpesviruses. Frontiers in Microbiology, 2021, 12, 631523.	3.5	2
24	Natural Transformation of Riemerella columbina and Its Determinants. Frontiers in Microbiology, 2021, 12, 634895.	3.5	4
25	Functional characterization of Fur in iron metabolism, oxidative stress resistance and virulence of Riemerella anatipestifer. Veterinary Research, 2021, 52, 48.	3.0	11
26	The lipopolysaccharide outer core transferase genes pcgD and hptE contribute differently to the virulence of Pasteurella multocida in ducks. Veterinary Research, 2021, 52, 37.	3.0	6
27	Duck Hepatitis A Virus Type 1 Induces eIF2Î± Phosphorylation-Dependent Cellular Translation Shutoff via PERK/GCN2. Frontiers in Microbiology, 2021, 12, 624540.	3.5	5
28	DPV UL41 gene encoding protein induces host shutoff activity and affects viral replication. Veterinary Microbiology, 2021, 255, 108979.	1.9	8
29	Amelioration of Beta Interferon Inhibition by NS4B Contributes to Attenuating Tembusu Virus Virulence in Ducks. Frontiers in Immunology, 2021, 12, 671471.	4.8	5
30	Tracing genetic signatures of batâ€toâ€human coronaviruses and early transmission of North American SARSâ€CoVâ€2. Transboundary and Emerging Diseases, 2021, , .	3.0	3
31	SC75741 antagonizes vesicular stomatitis virus, duck Tembusu virus, and duck plague virus infection in duck cells through promoting innate immune responses. Poultry Science, 2021, 100, 101085.	3.4	5
32	Molecular cloning of duck CD40 and its immune function research. Poultry Science, 2021, 100, 101100.	3.4	0
33	The intracellular domain of duck plague virus glycoprotein E affects UL11 protein incorporation into viral particles. Veterinary Microbiology, 2021, 257, 109078.	1.9	10
34	Substitutions at Loop Regions of TMUV E Protein Domain III Differentially Impair Viral Entry and Assembly. Frontiers in Microbiology, 2021, 12, 688172.	3.5	1
35	Multifaceted Roles of ICP22/ORF63 Proteins in the Life Cycle of Human Herpesviruses. Frontiers in Microbiology, 2021, 12, 668461.	3.5	6
36	An Exposed Outer Membrane Hemin-Binding Protein Facilitates Hemin Transport by a TonB-Dependent Receptor in Riemerella anatipestifer. Applied and Environmental Microbiology, 2021, 87, e0036721.	3.1	9

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37	Effect of Nutritional Determinants and TonB on the Natural Transformation of Riemerella anatipestifer. Frontiers in Microbiology, 2021, 12, 644868.	3.5	4
38	Emergence of a novel pegivirus species in southwest China showing a high rate of coinfection with parvovirus and circovirus in geese. Poultry Science, 2021, 100, 101251.	3.4	5
39	Replication/Assembly Defective Avian Flavivirus With Internal Deletions in the Capsid Can Be Used as an Approach for Living Attenuated Vaccine. Frontiers in Immunology, 2021, 12, 694959.	4.8	4
40	Distribution and association of antimicrobial resistance and virulence traits in Escherichia coli isolates from healthy waterfowls in Hainan, China. Ecotoxicology and Environmental Safety, 2021, 220, 112317.	6.0	21
41	Identification of the Natural Transformation Genes in Riemerella anatipestifer by Random Transposon Mutagenesis. Frontiers in Microbiology, 2021, 12, 712198.	3.5	3
42	Putative Riemerella anatipestifer Outer Membrane Protein H Affects Virulence. Frontiers in Microbiology, 2021, 12, 708225.	3.5	7
43	Construction of an Infectious Clone for Mosquito-Derived Tembusu Virus Prototypical Strain. Virologica Sinica, 2021, 36, 1678-1681.	3.0	3
44	N130, N175 and N207 are N-linked glycosylation sites of duck Tembusu virus NS1 that are important for viral multiplication, viremia and virulence in ducklings. Veterinary Microbiology, 2021, 261, 109215.	1.9	8
45	High incidence of multi-drug resistance and heterogeneity of mobile genetic elements in Escherichia coli isolates from diseased ducks in Sichuan province of China. Ecotoxicology and Environmental Safety, 2021, 222, 112475.	6.0	9
46	Nuclear localization of duck Tembusu virus NS5 protein attenuates viral replication in vitro and NS5-NS2B3 interaction. Veterinary Microbiology, 2021, 262, 109239.	1.9	4
47	Motif C in nonstructural protein 5 of duck Tembusu virus is essential for viral proliferation. Veterinary Microbiology, 2021, 262, 109224.	1.9	0
48	The activation and limitation of the bacterial natural transformation system: The function in genome evolution and stability. Microbiological Research, 2021, 252, 126856.	5.3	8
49	Updates on the global dissemination of colistin-resistant Escherichia coli: An emerging threat to public health. Science of the Total Environment, 2021, 799, 149280.	8.0	32
50	Comparative genomics and metabolomics analysis of Riemerella anatipestifer strain CH-1 and CH-2. Scientific Reports, 2021, 11, 616.	3.3	3
51	Methyltransferase-Deficient Avian Flaviviruses Are Attenuated Due to Suppression of Viral RNA Translation and Induction of a Higher Innate Immunity. Frontiers in Immunology, 2021, 12, 751688.	4.8	3
52	DHAV-1 Blocks the Signaling Pathway Upstream of Type I Interferon by Inhibiting the Interferon Regulatory Factor 7 Protein. Frontiers in Microbiology, 2021, 12, 700434.	3.5	6
53	The LORF5 Gene Is Non-essential for Replication but Important for Duck Plague Virus Cell-to-Cell Spread Efficiently in Host Cells. Frontiers in Microbiology, 2021, 12, 744408.	3.5	4
54	ICP22/IE63 Mediated Transcriptional Regulation and Immune Evasion: Two Important Survival Strategies for Alphaherpesviruses. Frontiers in Immunology, 2021, 12, 743466.	4.8	2

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55	UL11 Protein Is a Key Participant of the Duck Plague Virus in Its Life Cycle. Frontiers in Microbiology, 2021, 12, 792361.	3.5	5
56	Emergence of a multidrug-resistant hypervirulent Pasteurella multocida ST342 strain with a floR-carrying plasmid. Journal of Global Antimicrobial Resistance, 2020, 20, 348-350.	2.2	12
57	Pan-genome analysis of Riemerella anatipestifer reveals its genomic diversity and acquired antibiotic resistance associated with genomic islands. Functional and Integrative Genomics, 2020, 20, 307-320.	3.5	8
58	Duck enteritis virus UL21 is a late gene encoding a protein that interacts with pUL16. BMC Veterinary Research, 2020, 16, 8.	1.9	8
59	Development of a simple and rapid immunochromatographic strip test for detecting duck plague virus antibodies based on gI protein. Journal of Virological Methods, 2020, 277, 113803.	2.1	4
60	Comparison of immunohistochemistry and Ziehlâ€Neelsen staining for detecting the distribution of <i>Mycobacterium avium</i> subsp <i>avium</i> in naturally infected domestic Pekin ducks (<i>Anas) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	5
61	SOCS Proteins Participate in the Regulation of Innate Immune Response Caused by Viruses. Frontiers in Immunology, 2020, 11, 558341.	4.8	41
62	Duck enteritis virus pUL47, as a late structural protein localized in the nucleus, mainly depends on residues 40 to 50 and 768 to 777 and inhibits IFN-Î² signalling by interacting with STAT1. Veterinary Research, 2020, 51, 135.	3.0	8
63	The First Nonmammalian Pegivirus Demonstrates Efficient In Vitro Replication and High Lymphotropism. Journal of Virology, 2020, 94, .	3.4	9
64	The functional identification of Dps in oxidative stress resistance and virulence of Riemerella anatipestifer CH-1 using a new unmarked gene deletion strategy. Veterinary Microbiology, 2020, 247, 108730.	1.9	14
65	Determinants of duck Tembusu virus NS2A/2B polyprotein procession attenuated viral replication and proliferation in vitro. Scientific Reports, 2020, 10, 12423.	3.3	0
66	Enterovirus Replication Organelles and Inhibitors of Their Formation. Frontiers in Microbiology, 2020, 11, 1817.	3.5	21
67	Structures and Functions of the 3â€² Untranslated Regions of Positive-Sense Single-Stranded RNA Viruses Infecting Humans and Animals. Frontiers in Cellular and Infection Microbiology, 2020, 10, 453.	3.9	23
68	Alphaherpesvirus Major Tegument Protein VP22: Its Precise Function in the Viral Life Cycle. Frontiers in Microbiology, 2020, 11, 1908.	3.5	13
69	The Role of VP16 in the Life Cycle of Alphaherpesviruses. Frontiers in Microbiology, 2020, 11, 1910.	3.5	21
70	Research Note: Duck plague virus glycoprotein I influences cellâ€"cell spread and final envelope acquisition. Poultry Science, 2020, 99, 6647-6652.	3.4	1
71	Host shutoff activity of VHS and SOX-like proteins: role in viral survival and immune evasion. Virology Journal, 2020, 17, 68.	3.4	13
72	Development and evaluation of an indirect ELISA based on recombinant structural protein VP2 to detect antibodies against duck hepatitis A virus. Journal of Virological Methods, 2020, 282, 113903.	2.1	2

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73	Duck Tembusu virus promotes the expression of suppressor of cytokine signaling 1 by downregulating miR-148a-5p to facilitate virus replication. Infection, Genetics and Evolution, 2020, 85, 104392.	2.3	6
74	cis -Acting Sequences and Secondary Structures in Untranslated Regions of Duck Tembusu Virus RNA Are Important for Cap-Independent Translation and Viral Proliferation. Journal of Virology, 2020, 94, .	3.4	10
75	Regulation of Apoptosis by Enteroviruses. Frontiers in Microbiology, 2020, 11, 1145.	3.5	11
76	Duck Enteritis Virus VP16 Antagonizes IFN-<i>Î²</i>-Mediated Antiviral Innate Immunity. Journal of Immunology Research, 2020, 2020, 1-13.	2.2	5
77	Duck IFIT5 differentially regulates Tembusu virus replication and inhibits virus-triggered innate immune response. Cytokine, 2020, 133, 155161.	3.2	7
78	Stabilization of a full-length infectious cDNA clone for duck Tembusu virus by insertion of an intron. Journal of Virological Methods, 2020, 283, 113922.	2.1	13
79	Isolation and Selection of Duck Primary Cells as Pathogenic and Innate Immunologic Cell Models for Duck Plague Virus. Frontiers in Immunology, 2020, 10, 3131.	4.8	9
80	DEF Cell-Derived Exosomal miR-148a-5p Promotes DTMUV Replication by Negative Regulating TLR3 Expression. Viruses, 2020, 12, 94.	3.3	12
81	Autophagy Promotes Duck Tembusu Virus Replication by Suppressing p62/SQSTM1-Mediated Innate Immune Responses In Vitro. Vaccines, 2020, 8, 22.	4.4	9
82	Duplicate US1 Genes of Duck Enteritis Virus Encode a Non-essential Immediate Early Protein Localized to the Nucleus. Frontiers in Cellular and Infection Microbiology, 2020, 9, 463.	3.9	9
83	The Pivotal Roles of US3 Protein in Cell-to-Cell Spread and Virion Nuclear Egress of Duck Plague Virus. Scientific Reports, 2020, 10, 7181.	3.3	15
84	Autophagy Is a Potential Therapeutic Target Against Duck Tembusu Virus Infection in vivo. Frontiers in Cellular and Infection Microbiology, 2020, 10, 155.	3.9	2
85	Duck Tembusu Virus Utilizes miR-221-3p Expression to Facilitate Viral Replication via Targeting of Suppressor of Cytokine Signaling 5. Frontiers in Microbiology, 2020, 11, 596.	3.5	7
86	Duck plague virus gE serves essential functions during the virion final envelopment through influence capsids budding into the cytoplasmic vesicles. Scientific Reports, 2020, 10, 5658.	3.3	10
87	Binding of Duck Tembusu Virus Nonstructural Protein 2A to Duck STING Disrupts Induction of Its Signal Transduction Cascade To Inhibit Beta Interferon Induction. Journal of Virology, 2020, 94, .	3.4	32
88	Emergence of Escherichia coli isolates producing NDM-1 carbapenemase from waterfowls in Hainan island, China. Acta Tropica, 2020, 207, 105485.	2.0	4
89	Universal RNA Secondary Structure Insight Into Mosquito-Borne Flavivirus (MBFV) cis-Acting RNA Biology. Frontiers in Microbiology, 2020, 11, 473.	3.5	7
90	Transcriptome analysis of duck embryo fibroblasts for the dynamic response to duck tembusu virus infection and dual regulation of apoptosis genes. Aging, 2020, 12, 17503-17527.	3.1	10

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91	Duck interferon regulatory factor 7 (IRF7) can control duck Tembusu virus (DTMUV) infection by triggering type I interferon production and its signal transduction pathway. Cytokine, 2019, 113, 31-38.	3.2	31
92	Class 1 integrons as predominant carriers in Escherichia coli isolates from waterfowls in Hainan, China. Ecotoxicology and Environmental Safety, 2019, 183, 109514.	6.0	20
93	DprA Is Essential for Natural Competence in Riemerella anatipestifer and Has a Conserved Evolutionary Mechanism. Frontiers in Genetics, 2019, 10, 429.	2.3	15
94	Role of LptD in Resistance to Glutaraldehyde and Pathogenicity in Riemerella anatipestifer. Frontiers in Microbiology, 2019, 10, 1443.	3.5	6
95	Therapeutic effects of duck Tembusu virus capsid protein fused with staphylococcal nuclease protein to target Tembusu infection in vitro. Veterinary Microbiology, 2019, 235, 295-300.	1.9	7
96	Development of a markerless gene deletion strategy using rpsL as a counterselectable marker and characterization of the function of RA0C_1534 in Riemerella anatipestifer ATCC11845 using this strategy. PLoS ONE, 2019, 14, e0218241.	2.5	4
97	Flavivirus RNA-Dependent RNA Polymerase Interacts with Genome UTRs and Viral Proteins to Facilitate Flavivirus RNA Replication. Viruses, 2019, 11, 929.	3.3	19
98	Binding of the Duck Tembusu Virus Protease to STING Is Mediated by NS2B and Is Crucial for STING Cleavage and for Impaired Induction of IFN-Î². Journal of Immunology, 2019, 203, 3374-3385.	0.8	56
99	Apoptosis and Autophagy in Picornavirus Infection. Frontiers in Microbiology, 2019, 10, 2032.	3.5	20
100	Innate Immune Evasion of Alphaherpesvirus Tegument Proteins. Frontiers in Immunology, 2019, 10, 2196.	4.8	35
101	Mutations in VP0 and 2C Proteins of Duck Hepatitis A Virus Type 3 Attenuate Viral Infection and Virulence. Vaccines, 2019, 7, 111.	4.4	5
102	Role of the gldK gene in the virulence of Riemerella anatipestifer. Poultry Science, 2019, 98, 2414-2421.	3.4	9
103	Comparative analysis reveals the Genomic Islands in Pasteurella multocida population genetics: on Symbiosis and adaptability. BMC Genomics, 2019, 20, 63.	2.8	9
104	Amyloid A amyloidosis secondary to avian tuberculosis in naturally infected domestic pekin ducks (Anas platyrhynchos domestica). Comparative Immunology, Microbiology and Infectious Diseases, 2019, 63, 136-141.	1.6	2
105	Genetically stable reporter virus, subgenomic replicon and packaging system of duck Tembusu virus based on a reverse genetics system. Virology, 2019, 533, 86-92.	2.4	20
106	First Report of Integrative Conjugative Elements in Riemerella anatipestifer Isolates From Ducks in China. Frontiers in Veterinary Science, 2019, 6, 128.	2.2	10
107	Rifampin resistance and its fitness cost in Riemerella anatipestifer. BMC Microbiology, 2019, 19, 107.	3.3	13
108	New Perspectives on Galleria mellonella Larvae as a Host Model Using Riemerella anatipestifer as a Proof of Concept. Infection and Immunity, 2019, 87, .	2.2	13

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109	Biochemical characterization of recombinant Avihepatovirus 3C protease and its localization. Virology Journal, 2019, 16, 54.	3.4	10
110	Alpha-Herpesvirus Thymidine Kinase Genes Mediate Viral Virulence and Are Potential Therapeutic Targets. Frontiers in Microbiology, 2019, 10, 941.	3.5	38
111	Comparative genomeâ€scale modelling of the pathogenic Flavobacteriaceae species <i>Riemerella anatipestifer</i> in China. Environmental Microbiology, 2019, 21, 2836-2851.	3.8	13
112	DHAV-1 Inhibits Type I Interferon Signaling to Assist Viral Adaption by Increasing the Expression of SOCS3. Frontiers in Immunology, 2019, 10, 731.	4.8	15
113	Molecular characterization and antiapoptotic function analysis of the duck plague virus Us5 gene. Scientific Reports, 2019, 9, 4851.	3.3	13
114	High prevalence of CTX-M belonging to ST410 and ST889 among ESBL producing E. coli isolates from waterfowl birds in Chinaâ€™s tropical island, Hainan. Acta Tropica, 2019, 194, 30-35.	2.0	18
115	Growth characteristics of the novel goose parvovirus SD15 strain in vitro. BMC Veterinary Research, 2019, 15, 63.	1.9	5
116	Expression and purification of the truncated duck DTMUV NS5 protein and the subcellular localization of NS5 in vitro. Poultry Science, 2019, 98, 2989-2996.	3.4	6
117	Terminase Large Subunit Provides a New Drug Target for Herpesvirus Treatment. Viruses, 2019, 11, 219.	3.3	15
118	Development and evaluation of an indirect ELISA based on recombinant nonstructural protein 3A to detect antibodies to duck hepatitis A virus type 1. Journal of Virological Methods, 2019, 268, 56-61.	2.1	6
119	Duck Plague Virus Promotes DEF Cell Apoptosis by Activating Caspases, Increasing Intracellular ROS Levels and Inducing Cell Cycle S-Phase Arrest. Viruses, 2019, 11, 196.	3.3	13
120	The 164â€‰K, 165â€‰K, and 167â€‰K residues of VP1 are vital for goose parvovirus proliferation in GEFs based on PCR-based reverse genetics system. Virology Journal, 2019, 16, 136.	3.4	1
121	The VP3 protein of duck hepatitis A virus mediates host cell adsorption and apoptosis. Scientific Reports, 2019, 9, 16783.	3.3	15
122	Heparin sulfate is the attachment factor of duck Tembus virus on both BHK21 and DEF cells. Virology Journal, 2019, 16, 134.	3.4	8
123	Downregulation of microRNA-30a-5p contributes to the replication of duck enteritis virus by regulating Beclin-1-mediated autophagy. Virology Journal, 2019, 16, 144.	3.4	14
124	Prevalence of fluoroquinolone resistance and mutations in the gyrA, parC and parE genes of Riemerella anatipestifer isolated from ducks in China. BMC Microbiology, 2019, 19, 271.	3.3	7
125	CpG oligodeoxynucleotide-specific duck TLR21 mediates activation of NF-Î°B signaling pathway and plays an important role in the host defence of DPV infection. Molecular Immunology, 2019, 106, 87-98.	2.2	8
126	Duck plague virus Glycoprotein J is functional but slightly impaired in viral replication and cell-to-cell spread. Scientific Reports, 2018, 8, 4069.	3.3	19

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127	ATPase activity of GroEL is dependent on GroES and it is response for environmental stress in Riemerella anatipestifer. Microbial Pathogenesis, 2018, 121, 51-58.	2.9	8
128	The 164â€¯K, 165â€¯K and 167â€¯K residues in 160YPVVKKPKLTEE171 are required for the nuclear import of goose parvovirus VP1. Virology, 2018, 519, 17-22.	2.4	10
129	Molecular identification of goose (Anser cygnoide) suppressor ubiquitin-specific protease 18 (USP18) and the effects of goose IFN and TMUV on its comparative transcripts. Poultry Science, 2018, 97, 1022-1031.	3.4	0
130	Duck stimulator of interferon genes plays an important role in host anti-duck plague virus infection through an IFN-dependent signalling pathway. Cytokine, 2018, 102, 191-199.	3.2	25
131	Molecular epidemiology of duck hepatitis a virus types 1 and 3 in China, 2010-2015. Transboundary and Emerging Diseases, 2018, 65, 10-15.	3.0	62
132	Programmed cell death: the battlefield between the host and alpha-herpesviruses and a potential avenue for cancer treatment. Oncotarget, 2018, 9, 30704-30719.	1.8	10
133	US10 Protein Is Crucial but not Indispensable for Duck Enteritis Virus Infection in Vitro. Scientific Reports, 2018, 8, 16510.	3.3	10
134	DHAV-1 2A1 Peptide â€" A Newly Discovered Co-expression Tool That Mediates the Ribosomal â€œSkippingâ€• Function. Frontiers in Microbiology, 2018, 9, 2727.	3.5	12
135	Induction of a protective response in ducks vaccinated with a DNA vaccine encoding engineered duck circovirus Capsid protein. Veterinary Microbiology, 2018, 225, 40-47.	1.9	7
136	Co-localization of and interaction between duck enteritis virus glycoprotein H and L. BMC Veterinary Research, 2018, 14, 255.	1.9	6
137	Transcriptomic Characterization of a Chicken Embryo Model Infected With Duck Hepatitis A Virus Type 1. Frontiers in Immunology, 2018, 9, 1845.	4.8	20
138	Analysis of the microRNA expression profiles in DEF cells infected with duck Tembusu virus. Infection, Genetics and Evolution, 2018, 63, 126-134.	2.3	14
139	Multiple genetic tools for editing the genome of Riemerella anatipestifer using a counterselectable marker. Applied Microbiology and Biotechnology, 2018, 102, 7475-7488.	3.6	17
140	Conserved Active-Site Residues Associated with OAS Enzyme Activity and Ubiquitin-Like Domains Are Not Required for the Antiviral Activity of goOASL Protein against Avian Tembusu Virus. Viruses, 2018, 10, 371.	3.3	6
141	Cas1 and Cas2 From the Type II-C CRISPR-Cas System of Riemerella anatipestifer Are Required for Spacer Acquisition. Frontiers in Cellular and Infection Microbiology, 2018, 8, 195.	3.9	15
142	The 125th Lys and 145th Thr Amino Acids in the GTPase Domain of Goose Mx Confer Its Antiviral Activity against the Tembusu Virus. Viruses, 2018, 10, 361.	3.3	1
143	Roles of B739_1343 in iron acquisition and pathogenesis in Riemerella anatipestifer CH-1 and evaluation of the RA-CH-1î”B739_1343 mutant as an attenuated vaccine. PLoS ONE, 2018, 13, e0197310.	2.5	22
144	Establishment of a reverse genetics system for duck Tembusu virus to study virulence and screen antiviral genes. Antiviral Research, 2018, 157, 120-127.	4.1	34

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145	Regulated delayed attenuation enhances the immunogenicity and protection provided by recombinant Salmonellaenterica serovar Typhimurium vaccines expressing serovar Choleraesuis O-polysaccharides. Vaccine, 2018, 36, 5010-5019.	3.8	6
146	Molecular characterization of duck enteritis virus UL41 protein. Virology Journal, 2018, 15, 12.	3.4	18
147	Cytokine storms are primarily responsible for the rapid death of ducklings infected with duck hepatitis A virus type 1. Scientific Reports, 2018, 8, 6596.	3.3	32
148	Oral Vaccination with a DNA Vaccine Encoding Capsid Protein of Duck Tembusu Virus Induces Protection Immunity. Viruses, 2018, 10, 180.	3.3	24
149	Incompatible Translation Drives a Convergent Evolution and Viral Attenuation During the Development of Live Attenuated Vaccine. Frontiers in Cellular and Infection Microbiology, 2018, 8, 249.	3.9	13
150	Suppression of NF-Îº B Activity: A Viral Immune Evasion Mechanism. Viruses, 2018, 10, 409.	3.3	66
151	Use of Natural Transformation To Establish an Easy Knockout Method in Riemerella anatipestifer. Applied and Environmental Microbiology, 2017, 83, .	3.1	54
152	The suppression of apoptosis by Î±-herpesvirus. Cell Death and Disease, 2017, 8, e2749-e2749.	6.3	68
153	Identification of Type III Interferon (IFN-Î») in Chinese Goose: Gene Structure, Age-Dependent Expression Profile, and Antiviral Immune Characteristics <i>In Vivo</i> and <i>In Vitro</i>. Journal of Interferon and Cytokine Research, 2017, 37, 269-277.	1.2	4
154	Preliminary study of the UL55 gene based on infectious Chinese virulent duck enteritis virus bacterial artificial chromosome clone. Virology Journal, 2017, 14, 78.	3.4	22
155	Molecular identification and immunological characteristics of goose suppressor of cytokine signaling 1 (SOCS-1) in vitro and vivo following DTMUV challenge. Cytokine, 2017, 93, 1-9.	3.2	3
156	Identification of a wza -like gene involved in capsule biosynthesis, pathogenicity and biofilm formation in Riemerella anatipestifer. Microbial Pathogenesis, 2017, 107, 442-450.	2.9	26
157	Prokaryotic expression of a codon-optimized capsid gene from duck circovirus and its application to an indirect ELISA. Journal of Virological Methods, 2017, 247, 1-5.	2.1	14
158	The 3D protein of duck hepatitis A virus type 1 binds to a viral genomic 3â€² UTR and shows RNA-dependent RNA polymerase activity. Virus Genes, 2017, 53, 831-839.	1.6	21
159	The duck enteritis virus early protein, UL13, found in both nucleus and cytoplasm, influences viral replication in cell culture. Poultry Science, 2017, 96, 2899-2907.	3.4	18
160	Identification of the ferric iron utilization gene B739_1208 and its role in the virulence of R. anatipestifer CH-1. Veterinary Microbiology, 2017, 201, 162-169.	1.9	30
161	Development of an immunochromatographic strip for detection of antibodies against duck Tembusu virus. Journal of Virological Methods, 2017, 249, 137-142.	2.1	21
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