Zhuang Ding

List of Publications by Year
in descending order

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47 papers	896 citations	471509 17 h-index	501196 28 g-index
47 all docs	47 docs citations	47 times ranked	1216 citing authors

#	Article	IF	Citations
1	Genesis, Evolution and Prevalence of H5N6 Avian Influenza Viruses in China. Cell Host and Microbe, 2016, 20, 810-821.	11.0	257
2	Inhibitory Effects of Emodin, Thymol, and Astragalin on Leptospira interrogans-Induced Inflammatory Response in the Uterine and Endometrium Epithelial Cells of Mice. Inflammation, 2017, 40, 666-675.	3.8	39
3	Supplementation of Vitamin E Protects Chickens from Newcastle Disease Virus-Mediated Exacerbation of Intestinal Oxidative Stress and Tissue Damage. Cellular Physiology and Biochemistry, 2018, 47, 1655-1666.	1.6	28
4	Proteomic alteration of Marc-145 cells and PAMs after infection by porcine reproductive and respiratory syndrome virus. Veterinary Immunology and Immunopathology, 2012, 145, 206-213.	1.2	26
5	Development of a reverse genetics system based on RNA polymerase II for Newcastle disease virus genotype VII. Virus Genes, 2015, 50, 152-155.	1.6	26
6	Toll-Like Receptor 2 Agonist Pam3CSK4 Alleviates the Pathology of Leptospirosis in Hamster. Infection and Immunity, 2016, 84, 3350-3357.	2.2	26
7	Newcastle disease virus-like particles induce DC maturation through TLR4/NF-Î²B pathway and facilitate DC migration by CCR7-CCL19/CCL21 axis. Veterinary Microbiology, 2017, 203, 158-166.	1.9	25
8	Deep Sequencing-Based Transcriptome Profiling Reveals Avian Interferon-Stimulated Genes and Provides Comprehensive Insight into Newcastle Disease Virus-Induced Host Responses. Viruses, 2018, 10, 162.	3.3	25
9	Generation and evaluation of a recombinant genotype VII Newcastle disease virus expressing VP3 protein of Goose parvovirus as a bivalent vaccine in goslings. Virus Research, 2015, 203, 77-83.	2.2	24
10	Enhanced Replication of Virulent Newcastle Disease Virus in Chicken Macrophages Is due to Polarized Activation of Cells by Inhibition of TLR7. Frontiers in Immunology, 2018, 9, 366.	4.8	22
11	High Genetic Diversity of Newcastle Disease Virus in Wild and Domestic Birds in Northeastern China from 2013 to 2015 Reveals Potential Epidemic Trends. Applied and Environmental Microbiology, 2016, 82, 1530-1536.	3.1	21
12	Doxycycline Attenuates Leptospira-Induced IL-1Î² by Suppressing NLRP3 Inflammasome Priming. Frontiers in Immunology, 2017, 8, 857.	4.8	21
13	Phylogenetic, antigenic and biological characterization of pigeon paramyxovirus type 1 circulating in China. Virology Journal, 2017, 14, 186.	3.4	21
14	Genetic diversity of the genotype VII Newcastle disease virus: identification of a novel VIIj sub-genotype. Virus Genes, 2017, 53, 63-70.	1.6	20
15	Potential of genotype VII Newcastle disease viruses to cause differential infections in chickens and ducks. Transboundary and Emerging Diseases, 2018, 65, 1851-1862.	3.0	19
16	Vitamin E Supplementation Ameliorates Newcastle Disease Virus-Induced Oxidative Stress and Alleviates Tissue Damage in the Brains of Chickens. Viruses, 2018, 10, 173.	3.3	19
17	Efficacy of cefepime, ertapenem and norfloxacin against leptospirosis and for the clearance of pathogens in a hamster model. Microbial Pathogenesis, 2014, 77, 78-83.	2.9	18
18	Dispersal and Transmission of Avian Paramyxovirus Serotype 4 among Wild Birds and Domestic Poultry. Frontiers in Cellular and Infection Microbiology, 2017, 7, 212.	3.9	18

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19	Dendritic cell-targeted recombinantLactobacilli induce DC activation and elicit specific immune responses against G57 genotype of avian H9N2 influenza virus infection. Veterinary Microbiology, 2018, 223, 9-20.	1.9	18
20	A novel recombinant attenuated Newcastle disease virus expressing H9 subtype hemagglutinin protected chickens from challenge by genotype VII virulent Newcastle disease virus and H9N2 avian influenza virus. Veterinary Microbiology, 2019, 228, 173-180.	1.9	17
21	Autophagy induced by bovine viral diarrhea virus infection counteracts apoptosis and innate immune activation. Archives of Virology, 2017, 162, 3103-3118.	2.1	16
22	Detection of viral components in exosomes derived from NDV-infected DF-1 cells and their promoting ability in virus replication. Microbial Pathogenesis, 2019, 128, 414-422.	2.9	16
23	Identification and pathotypical analysis of a novel VIk sub-genotype Newcastle disease virus obtained from pigeon in China. Virus Research, 2017, 238, 1-7.	2.2	15
24	Chimeric Newcastle Disease Virus-like Particles Containing DC-Binding Peptide-Fused Haemagglutinin Protect Chickens from Virulent Newcastle Disease Virus and H9N2 Avian Influenza Virus Challenge. Virologica Sinica, 2020, 35, 455-467.	3.0	15
25	Emergence of a Novel Ehrlichia minasensis Strain, Harboring the Major Immunogenic Glycoprotein trp36 with Unique Tandem Repeat and C-Terminal Region Sequences, in Haemaphysalis hystricis Ticks Removed from Free-Ranging Sheep in Hainan Province, China. Microorganisms, 2019, 7, 369.	3.6	14
26	NDV entry into dendritic cells through macropinocytosis and suppression of T lymphocyte proliferation. Virology, 2018, 518, 126-135.	2.4	12
27	The Emergence of Avian Orthoavulavirus 13 in Wild Migratory Waterfowl in China Revealed the Existence of Diversified Trailer Region Sequences and HN Gene Lengths within this Serotype. Viruses, 2019, 11, 646.	3.3	10
28	A genotype VII Newcastle disease virus-like particles confer full protection with reduced virus load and decreased virus shedding. Vaccine, 2019, 37, 444-451.	3.8	10
29	Expression of Raf kinase inhibitor protein is downregulated in response to Newcastle disease virus infection to promote viral replication. Journal of General Virology, 2015, 96, 2579-2586.	2.9	10
30	Biological and phylogenetic characterization of a novel hemagglutination-negative avian avulavirus 6 isolated from wild waterfowl in China. Transboundary and Emerging Diseases, 2018, 65, 1421-1428.	3.0	9
31	Characterization and functional analysis of chicken APOBEC4. Developmental and Comparative Immunology, 2020, 106, 103631.	2.3	9
32	Assessing the effects of a two-amino acid flexibility in the Hemagglutinin 220-loop receptor-binding domain on the fitness of Influenza A(H9N2) viruses. Emerging Microbes and Infections, 2021, 10, 822-832.	6.5	9
33	Genetic analysis of avian paramyxovirus-1 (Newcastle disease virus) isolates obtained from swine populations in China related to commonly utilized commercial vaccine strains. Virus Genes, 2010, 41, 369-376.	1.6	8
34	Newcastle disease virus-like particles induce dendritic cell maturation and enhance viral-specific immune response. Virus Genes, 2017, 53, 555-564.	1.6	8
35	NDV related exosomes enhance NDV replication through exporting NLRX1 mRNA. Veterinary Microbiology, 2021, 260, 109167.	1.9	8
36	Efficacy of the Rabbit Polyclonal Anti-leptospira Antibody against Homotype or Heterotype Leptospira Infection in Hamster. PLoS Neglected Tropical Diseases, 2016, 10, e0005191.	3.0	7

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37	Cellular MicroRNA Expression Profile of Chicken Macrophages Infected with Newcastle Disease Virus Vaccine Strain LaSota. Pathogens, 2019, 8, 123.	2.8	6
38	Newcastle disease virus-like particles containing the Brucella BCSP31 protein induce dendritic cell activation and protect mice against virulent Brucella challenge. Veterinary Microbiology, 2019, 229, 39-47.	1.9	5
39	Evaluation of the safety and protection efficacy of an attenuated genotype vii newcastle disease virus strain as a candidate vaccine. Microbial Pathogenesis, 2020, 139, 103831.	2.9	4
40	Comparative analysis of receptor-binding specificity and pathogenicity in natural reassortant and non-reassortant H3N2 swine influenza virus. Veterinary Microbiology, 2014, 168, 105-115.	1.9	3
41	A Raf kinase inhibitor demonstrates antiviral activities both inÂvitro and inÂvivo against different genotypes of virulent Newcastle disease virus. Antiviral Research, 2016, 133, 140-144.	4.1	3
42	Production, characterization, and epitope mapping of a monoclonal antibody against genotype VII Newcastle disease virus V protein. Journal of Virological Methods, 2018, 260, 88-97.	2.1	3
43	Intense Innate Immune Responses and Severe Metabolic Disorders in Chicken Embryonic Visceral Tissues Caused by Infection with Highly Virulent Newcastle Disease Virus Compared to the Avirulent Virus: A Bioinformatics Analysis. Viruses, 2022, 14, 911.	3.3	3
44	An improved reverse genetics system for Newcastle disease virus genotype VII. Virologica Sinica, 2016, 31, 521-524.	3.0	2
45	Novel avian orthoavulavirus 13 in wild migratory waterfowl: biological and genetic considerations. Veterinary Research Communications, 2021, , 1.	1.6	1
46	The deletion of an extra six nucleotides in the 5â€² -untranslated region of the nucleoprotein gene of Newcastle disease virus NA-1 decreases virulence. BMC Veterinary Research, 2014, 10, 964.	1.9	0
47	The virulence of NDV NA-1 strain regulated by the 3â€² leader or 5â€² trailer sequences. Microbial Pathogenesis, 2019, 126, 109-115.	2.9	0