

Shengwang Liu

List of Publications by Year in descending order

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71
papers

1,720
citations

218381

26
h-index

315357

38
g-index

72
all docs

72
docs citations

72
times ranked

1175
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation of avian infectious bronchitis coronavirus from domestic peafowl (<i>Pavo cristatus</i>) and teal (<i>Anas</i>). <i>Journal of General Virology</i> , 2005, 86, 719-725.	1.3	122
2	Transcriptome analysis of chicken kidney tissues following coronavirus avian infectious bronchitis virus infection. <i>BMC Genomics</i> , 2013, 14, 743.	1.2	76
3	Fowl adenovirus species C serotype 4 is attributed to the emergence of hepatitis-hydropericardium syndrome in chickens in China. <i>Infection, Genetics and Evolution</i> , 2016, 45, 230-241.	1.0	72
4	Identification and molecular characterization of a novel serotype infectious bronchitis virus (GI-28) in China. <i>Veterinary Microbiology</i> , 2017, 198, 108-115.	0.8	62
5	Infectious bronchitis virus: S1 gene characteristics of vaccines used in China and efficacy of vaccination against heterologous strains from China. <i>Avian Pathology</i> , 2006, 35, 394-399.	0.8	61
6	Novel genotype of infectious bronchitis virus isolated in China. <i>Veterinary Microbiology</i> , 2019, 230, 178-186.	0.8	60
7	A comparative study of pigeons and chickens experimentally infected with PPMV-1 to determine antigenic relationships between PPMV-1 and NDV strains. <i>Veterinary Microbiology</i> , 2014, 168, 88-97.	0.8	53
8	Molecular characterization of the herpes simplex virus 1 (HSV-1) homologues, UL25 to UL30, in duck enteritis virus (DEV). <i>Gene</i> , 2007, 401, 88-96.	1.0	48
9	Genome characterization, antigenicity and pathogenicity of a novel infectious bronchitis virus type isolated from south China. <i>Infection, Genetics and Evolution</i> , 2017, 54, 437-446.	1.0	46
10	Molecular Characterization and Pathogenicity of Infectious Bronchitis Coronaviruses: Complicated Evolution and Epidemiology in China Caused by Cocirculation of Multiple Types of Infectious Bronchitis Coronaviruses. <i>Intervirology</i> , 2009, 52, 223-234.	1.2	44
11	Evaluation of the protection conferred by commercial vaccines and attenuated heterologous isolates in China against the CK/CH/LDL/971 strain of infectious bronchitis coronavirus. <i>Veterinary Journal</i> , 2009, 179, 130-136.	0.6	43
12	Genetic diversity of avian infectious bronchitis virus in China in recent years. <i>Infection, Genetics and Evolution</i> , 2018, 66, 82-94.	1.0	43
13	S1 gene sequence heterogeneity of a pathogenic infectious bronchitis virus strain and its embryo-passaged, attenuated derivatives. <i>Avian Pathology</i> , 2007, 36, 231-234.	0.8	42
14	Serotype shift of a 793/B genotype infectious bronchitis coronavirus by natural recombination. <i>Infection, Genetics and Evolution</i> , 2015, 32, 377-387.	1.0	41
15	Altered pathogenicity, immunogenicity, tissue tropism and 7kb region sequence of an avian infectious bronchitis coronavirus strain after serial passage in embryos. <i>Vaccine</i> , 2009, 27, 4630-4640.	1.7	38
16	Characterization of a recombinant coronavirus infectious bronchitis virus with distinct S1 subunits of spike and nucleocapsid genes and a untranslated region. <i>Veterinary Microbiology</i> , 2013, 162, 429-436.	0.8	37
17	Molecular and antigenic characteristics of Massachusetts genotype infectious bronchitis coronavirus in China. <i>Veterinary Microbiology</i> , 2015, 181, 241-251.	0.8	34
18	Recombinant Newcastle disease virus expressing the infectious bronchitis virus S1 gene protects chickens against Newcastle disease virus and infectious bronchitis virus challenge. <i>Vaccine</i> , 2017, 35, 2435-2442.	1.7	32

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19	Effects of hypervariable regions in spike protein on pathogenicity, tropism, and serotypes of infectious bronchitis virus. <i>Virus Research</i> , 2018, 250, 104-113.	1.1	32
20	Avian Flavivirus Infection of Monocytes/Macrophages by Extensive Subversion of Host Antiviral Innate Immune Responses. <i>Journal of Virology</i> , 2019, 93, .	1.5	32
21	Emergence of novel nephropathogenic infectious bronchitis viruses currently circulating in Chinese chicken flocks. <i>Avian Pathology</i> , 2016, 45, 54-65.	0.8	29
22	Adaptation and Attenuation of Duck Tembusu Virus Strain Du/CH/LSD/110128 following Serial Passage in Chicken Embryos. <i>Vaccine Journal</i> , 2014, 21, 1046-1053.	3.2	27
23	Molecular and antigenic characteristics of Newcastle disease virus isolates from domestic ducks in China. <i>Infection, Genetics and Evolution</i> , 2015, 32, 34-43.	1.0	27
24	Serotype, antigenicity, and pathogenicity of a naturally recombinant TW I genotype infectious bronchitis coronavirus in China. <i>Veterinary Microbiology</i> , 2016, 191, 1-8.	0.8	27
25	Recombinant duck enteritis viruses expressing major structural proteins of the infectious bronchitis virus provide protection against infectious bronchitis in chickens. <i>Antiviral Research</i> , 2016, 130, 19-26.	1.9	27
26	Differential modulation of avian β -defensin and Toll-like receptor expression in chickens infected with infectious bronchitis virus. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9011-9024.	1.7	26
27	Altered pathogenicity of a tl/CH/LDT3/03 genotype infectious bronchitis coronavirus due to natural recombination in the 5' β -17 kb region of the genome. <i>Virus Research</i> , 2016, 213, 140-148.	1.1	26
28	Isolation and pathogenicity of the mammalian orthoreovirus MPC/04 from masked civet cats. <i>Infection, Genetics and Evolution</i> , 2015, 36, 55-61.	1.0	25
29	Comparative analysis of four Massachusetts type infectious bronchitis coronavirus genomes reveals a novel Massachusetts type strain and evidence of natural recombination in the genome. <i>Infection, Genetics and Evolution</i> , 2013, 14, 29-38.	1.0	24
30	Comparative proteome analysis of tracheal tissues in response to infectious bronchitis coronavirus, Newcastle disease virus, and avian influenza virus H9 subtype virus infection. <i>Proteomics</i> , 2014, 14, 1403-1423.	1.3	22
31	Origin and characteristics of the recombinant novel avian infectious bronchitis coronavirus isolate ck/CH/LJL/111054. <i>Infection, Genetics and Evolution</i> , 2014, 23, 189-195.	1.0	22
32	Induction of Avian β -Defensin 2 Is Possibly Mediated by the p38 MAPK Signal Pathway in Chicken Embryo Fibroblasts After Newcastle Disease Virus Infection. <i>Frontiers in Microbiology</i> , 2018, 9, 751.	1.5	21
33	Identification of a Newly Isolated Avian Infectious Bronchitis Coronavirus Variant in China Exhibiting Affinity for the Respiratory Tract. <i>Avian Diseases</i> , 2008, 52, 306-314.	0.4	19
34	Characterization and pathogenicity of a novel mammalian orthoreovirus from wild short-nosed fruit bats. <i>Infection, Genetics and Evolution</i> , 2016, 43, 347-353.	1.0	19
35	Origin and evolution of LX4 genotype infectious bronchitis coronavirus in China. <i>Veterinary Microbiology</i> , 2017, 198, 9-16.	0.8	19
36	Identification of the avian infectious bronchitis coronaviruses with mutations in gene 3. <i>Gene</i> , 2008, 412, 12-25.	1.0	18

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37	Molecular and biological characteristics of the infectious bronchitis virus TC07-2/GVI-1 lineage isolated in China. <i>Infection, Genetics and Evolution</i> , 2019, 75, 103942.	1.0	18
38	Infection of Goose with Genotype V/Id Newcastle Disease Virus of Goose Origin Elicits Strong Immune Responses at Early Stage. <i>Frontiers in Microbiology</i> , 2016, 7, 1587.	1.5	17
39	Genetic, antigenic, and pathogenic characteristics of Newcastle disease viruses isolated from geese in China. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 489-498.	0.5	17
40	Chicken galectin-1B inhibits Newcastle disease virus adsorption and replication through binding to hemagglutinin-neuraminidase (HN) glycoprotein. <i>Journal of Biological Chemistry</i> , 2017, 292, 20141-20161.	1.6	17
41	Characterization of the complete genome, antigenicity, pathogenicity, tissue tropism, and shedding of a recombinant avian infectious bronchitis virus with a ck/CH/LJL/140901-like backbone and an S2 fragment from a 4/91-like virus. <i>Virus Research</i> , 2018, 244, 99-109.	1.1	17
42	Host Avian Beta-Defensin and Toll-Like Receptor Responses of Pigeons following Infection with Pigeon Paramyxovirus Type 1. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6415-6424.	1.4	15
43	Genetic, antigenic, and pathogenic characteristics of avian infectious bronchitis viruses genotypically related to 793/B in China. <i>Veterinary Microbiology</i> , 2017, 203, 125-135.	0.8	15
44	Genetic and biological characteristics of four novel recombinant avian infectious bronchitis viruses isolated in China. <i>Virus Research</i> , 2019, 263, 87-97.	1.1	15
45	Multiple recombination events between field and vaccine strains resulted in the emergence of a novel infectious bronchitis virus with decreased pathogenicity and altered replication capacity. <i>Poultry Science</i> , 2020, 99, 1928-1938.	1.5	14
46	Newcastle Disease Virus Entry into Chicken Macrophages via a pH-Dependent, Dynamin and Caveola-Mediated Endocytic Pathway That Requires Rab5. <i>Journal of Virology</i> , 2021, 95, e0228820.	1.5	14
47	Integrated High Throughput Analysis Identifies GSK3 as a Crucial Determinant of p53-Mediated Apoptosis in Lung Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 1177-1191.	1.1	13
48	Rapid and sensitive real-time recombinase polymerase amplification for detection of Marek's disease virus. <i>Molecular and Cellular Probes</i> , 2019, 48, 101468.	0.9	13
49	Recombinant infectious laryngotracheitis virus expressing Newcastle disease virus F protein protects chickens against infectious laryngotracheitis virus and Newcastle disease virus challenge. <i>Vaccine</i> , 2018, 36, 7975-7986.	1.7	11
50	Global exploration of the metabolic requirements of gallid alphaherpesvirus 1. <i>PLoS Pathogens</i> , 2020, 16, e1008815.	2.1	11
51	Genome-Wide Gene Expression Analysis Identifies the Proto-oncogene Tyrosine-Protein Kinase Src as a Crucial Virulence Determinant of Infectious Laryngotracheitis Virus in Chicken Cells. <i>Journal of Virology</i> , 2016, 90, 9-21.	1.5	10
52	Genetics, antigenicity and virulence properties of three infectious bronchitis viruses isolated from a single tracheal sample in a chicken with respiratory problems. <i>Virus Research</i> , 2018, 257, 82-93.	1.1	9
53	Gallid Herpesvirus 1 Initiates Apoptosis in Uninfected Cells through Paracrine Repression of p53. <i>Journal of Virology</i> , 2018, 92, .	1.5	9
54	Genetic, antigenic and pathogenic characterization of avian coronaviruses isolated from pheasants (<i>Phasianus colchicus</i>) in China. <i>Veterinary Microbiology</i> , 2020, 240, 108513.	0.8	9

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55	A highly pathogenic GI-19 lineage infectious bronchitis virus originated from multiple recombination events with broad tissue tropism. <i>Virus Research</i> , 2020, 285, 198002.	1.1	8
56	Polarization of avian macrophages upon avian flavivirus infection. <i>Veterinary Microbiology</i> , 2021, 256, 109044.	0.8	8
57	Phylogeny of Duck Enteritis Virus: Evolutionary Relationship in the Family & Herpesviridae. <i>Intervirology</i> , 2008, 51, 151-165.	1.2	7
58	Host Src controls gallid alpha herpesvirus 1 intercellular spread in a cellular fatty acid metabolism-dependent manner. <i>Virology</i> , 2019, 537, 1-13.	1.1	7
59	Fos Facilitates Gallid Alpha-Herpesvirus 1 Infection by Transcriptional Control of Host Metabolic Genes and Viral Immediate Early Gene. <i>Viruses</i> , 2021, 13, 1110.	1.5	7
60	Glutamine Ameliorates Mucosal Damage Caused by Immune Responses to Duck Plague Virus. <i>Dose-Response</i> , 2017, 15, 155932581770867.	0.7	6
61	Genetic, Antigenic, and Pathogenic Characteristics of Infectious Bronchitis Virus GI-7/TW-II in China. <i>Avian Diseases</i> , 2020, 64, 183.	0.4	6
62	Surveillance of Class I Newcastle Disease Virus at Live Bird Markets in China and Identification of Variants with Increased Virulence and Replication Capacity. <i>Journal of Virology</i> , 2022, 96, e0024122.	1.5	6
63	PFT-1± inhibits gallid alpha herpesvirus 1 replication by repressing host nucleotide metabolism and ATP synthesis. <i>Veterinary Microbiology</i> , 2022, 269, 109435.	0.8	5
64	Isolation and Characteristics of the Arkansas-Type Infectious Bronchitis Virus in China. <i>Avian Diseases</i> , 2017, 62, 18.	0.4	4
65	Genetic and antigenic heterogeneity of GI-1/Massachusetts lineage infectious bronchitis virus variants recently isolated in China. <i>Poultry Science</i> , 2020, 99, 5440-5451.	1.5	4
66	Construction and immune protection evaluation of recombinant virus expressing Newcastle disease virus F protein by the largest intergenic region of fowlpox virus NX10. <i>Virus Genes</i> , 2020, 56, 734-748.	0.7	3
67	Protection of chicks from Newcastle disease by combined vaccination with a plasmid DNA and the pre-fusion protein of the virulent genotype VII of Newcastle disease virus. <i>Vaccine</i> , 2020, 38, 7337-7349.	1.7	3
68	Single-Cell Analysis of the In Vivo Dynamics of Host Circulating Immune Cells Highlights the Importance of Myeloid Cells in Avian Flaviviral Infection. <i>Journal of Immunology</i> , 2021, 207, 2878-2891.	0.4	3
69	Glycoprotein-C-gene-deleted recombinant infectious laryngotracheitis virus expressing a genotype VII Newcastle disease virus fusion protein protects against virulent infectious laryngotracheitis virus and Newcastle disease virus. <i>Veterinary Microbiology</i> , 2020, 250, 108835.	0.8	2
70	Replication and vaccine protection of multiple infectious bronchitis virus strains in pheasants (<i>Phasianus colchicus</i>). <i>Infection, Genetics and Evolution</i> , 2021, 93, 104980.	1.0	1
71	Corrigendum to "Discovery and characterization of Coturnix chinensis avian defensin 10, with broad antibacterial activity". <i>J. Pept. Sci.</i> 2012; 18: 224-232. <i>Journal of Peptide Science</i> , 2013, 19, 459-459.	0.8	0