

# Sai Mao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/196645/publications.pdf>

Version: 2024-02-01

71  
papers

663  
citations

758635

12  
h-index

752256

20  
g-index

73  
all docs

73  
docs citations

73  
times ranked

503  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of host eIF2 $\gamma$ in viral infection. <i>Virology Journal</i> , 2020, 17, 112.	1.4	60
2	SOCS Proteins Participate in the Regulation of Innate Immune Response Caused by Viruses. <i>Frontiers in Immunology</i> , 2020, 11, 558341.	2.2	41
3	Comparative analysis of virus-host interactions caused by a virulent and an attenuated duck hepatitis A virus genotype 1. <i>PLoS ONE</i> , 2017, 12, e0178993.	1.1	35
4	Viral-host interaction in kidney reveals strategies to escape host immunity and persistently shed virus to the urine. <i>Oncotarget</i> , 2017, 8, 7336-7349.	0.8	28
5	Development and evaluation of indirect ELISAs for the detection of IgG, IgM and IgA1 against duck hepatitis A virus 1. <i>Journal of Virological Methods</i> , 2016, 237, 79-85.	1.0	26
6	The neglected avian hepatotropic virus induces acute and chronic hepatitis in ducks: an alternative model for hepatology. <i>Oncotarget</i> , 2017, 8, 81838-81851.	0.8	25
7	Virologic and Immunologic Characteristics in Mature Ducks with Acute Duck Hepatitis A Virus 1 Infection. <i>Frontiers in Immunology</i> , 2017, 8, 1574.	2.2	23
8	Structures and Functions of the 5' Untranslated Regions of Positive-Sense Single-Stranded RNA Viruses Infecting Humans and Animals. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 453.	1.8	23
9	Enterovirus Replication Organelles and Inhibitors of Their Formation. <i>Frontiers in Microbiology</i> , 2020, 11, 1817.	1.5	21
10	The Role of VP16 in the Life Cycle of Alphaherpesviruses. <i>Frontiers in Microbiology</i> , 2020, 11, 1910.	1.5	21
11	Distribution and association of antimicrobial resistance and virulence traits in <i>Escherichia coli</i> isolates from healthy waterfowls in Hainan, China. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112317.	2.9	21
12	Apoptosis and Autophagy in Picornavirus Infection. <i>Frontiers in Microbiology</i> , 2019, 10, 2032.	1.5	20
13	The Pivotal Roles of US3 Protein in Cell-to-Cell Spread and Virion Nuclear Egress of Duck Plague Virus. <i>Scientific Reports</i> , 2020, 10, 7181.	1.6	15
14	Incompatible Translation Drives a Convergent Evolution and Viral Attenuation During the Development of Live Attenuated Vaccine. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 249.	1.8	13
15	Alphaherpesvirus Major Tegument Protein VP22: Its Precise Function in the Viral Life Cycle. <i>Frontiers in Microbiology</i> , 2020, 11, 1908.	1.5	13
16	Host shutoff activity of VHS and SOX-like proteins: role in viral survival and immune evasion. <i>Virology Journal</i> , 2020, 17, 68.	1.4	13
17	Regulation of Apoptosis by Enteroviruses. <i>Frontiers in Microbiology</i> , 2020, 11, 1145.	1.5	11
18	Biochemical characterization of recombinant Avihepatovirus 3C protease and its localization. <i>Virology Journal</i> , 2019, 16, 54.	1.4	10

#	ARTICLE	IF	CITATIONS
19	Immunogenicity and protection efficacy of a <i>Salmonella enterica</i> serovar Typhimurium fnr, arcA and fliC mutant. <i>Vaccine</i> , 2021, 39, 588-595.	1.7	10
20	The intracellular domain of duck plague virus glycoprotein E affects UL11 protein incorporation into viral particles. <i>Veterinary Microbiology</i> , 2021, 257, 109078.	0.8	10
21	Transcriptome analysis of duck embryo fibroblasts for the dynamic response to duck tembusu virus infection and dual regulation of apoptosis genes. <i>Aging</i> , 2020, 12, 17503-17527.	1.4	10
22	The First Nonmammalian Pegivirus Demonstrates Efficient In Vitro Replication and High Lymphotropism. <i>Journal of Virology</i> , 2020, 94, .	1.5	9
23	Isolation and Selection of Duck Primary Cells as Pathogenic and Innate Immunologic Cell Models for Duck Plague Virus. <i>Frontiers in Immunology</i> , 2020, 10, 3131.	2.2	9
24	Duplicate US1 Genes of Duck Enteritis Virus Encode a Non-essential Immediate Early Protein Localized to the Nucleus. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 9, 463.	1.8	9
25	An Exposed Outer Membrane Hemin-Binding Protein Facilitates Hemin Transport by a TonB-Dependent Receptor in <i>Riemerella anatipestifer</i> . <i>Applied and Environmental Microbiology</i> , 2021, 87, e0036721.	1.4	9
26	High incidence of multi-drug resistance and heterogeneity of mobile genetic elements in <i>Escherichia coli</i> isolates from diseased ducks in Sichuan province of China. <i>Ecotoxicology and Environmental Safety</i> , 2021, 222, 112475.	2.9	9
27	Duck enteritis virus UL21 is a late gene encoding a protein that interacts with pUL16. <i>BMC Veterinary Research</i> , 2020, 16, 8.	0.7	8
28	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- $\lambda$ 2 signalling by interacting with STAT1. <i>Veterinary Research</i> , 2020, 51, 135.	1.1	8
29	DPV UL41 gene encoding protein induces host shutoff activity and affects viral replication. <i>Veterinary Microbiology</i> , 2021, 255, 108979.	0.8	8
30	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. <i>Veterinary Microbiology</i> , 2021, 261, 109215.	0.8	8
31	Putative <i>Riemerella anatipestifer</i> Outer Membrane Protein H Affects Virulence. <i>Frontiers in Microbiology</i> , 2021, 12, 708225.	1.5	7
32	Duck Tembusu virus promotes the expression of suppressor of cytokine signaling 1 by downregulating miR-148a-5p to facilitate virus replication. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104392.	1.0	6
33	The lipopolysaccharide outer core transferase genes pcgD and hptE contribute differently to the virulence of <i>Pasteurella multocida</i> in ducks. <i>Veterinary Research</i> , 2021, 52, 37.	1.1	6
34	Multifaceted Roles of ICP22/ORF63 Proteins in the Life Cycle of Human Herpesviruses. <i>Frontiers in Microbiology</i> , 2021, 12, 668461.	1.5	6
35	A viroporin-like 2B protein of duck hepatitis A virus 1 that induces incomplete autophagy in DEF cells. <i>Poultry Science</i> , 2021, 100, 101331.	1.5	6
36	DHAV-1 Blocks the Signaling Pathway Upstream of Type I Interferon by Inhibiting the Interferon Regulatory Factor 7 Protein. <i>Frontiers in Microbiology</i> , 2021, 12, 700434.	1.5	6

#	ARTICLE	IF	CITATIONS
37	Evaluation of the Safety and Immunogenicity of Duck-Plague Virus gE Mutants. <i>Frontiers in Immunology</i> , 2022, 13, 882796.	2.2	6
38	Mutations in VP0 and 2C Proteins of Duck Hepatitis A Virus Type 3 Attenuate Viral Infection and Virulence. <i>Vaccines</i> , 2019, 7, 111.	2.1	5
39	Duck Enteritis Virus VP16 Antagonizes IFN- $\gamma$ -Mediated Antiviral Innate Immunity. <i>Journal of Immunology Research</i> , 2020, 2020, 1-13.	0.9	5
40	Duck Hepatitis A Virus Type 1 Induces eIF2 $\gamma$ Phosphorylation-Dependent Cellular Translation Shutoff via PERK/GCN2. <i>Frontiers in Microbiology</i> , 2021, 12, 624540.	1.5	5
41	SC75741 antagonizes vesicular stomatitis virus, duck Tembusu virus, and duck plague virus infection in duck cells through promoting innate immune responses. <i>Poultry Science</i> , 2021, 100, 101085.	1.5	5
42	ULL1 Protein Is a Key Participant of the Duck Plague Virus in Its Life Cycle. <i>Frontiers in Microbiology</i> , 2021, 12, 792361.	1.5	5
43	Immunogenicity and protection of a <i>Pasteurella multocida</i> strain with a truncated lipopolysaccharide outer core in ducks. <i>Veterinary Research</i> , 2022, 53, 17.	1.1	5
44	Development of a simple and rapid immunochromatographic strip test for detecting duck plague virus antibodies based on gl protein. <i>Journal of Virological Methods</i> , 2020, 277, 113803.	1.0	4
45	Natural Transformation of <i>Riemerella columbina</i> and Its Determinants. <i>Frontiers in Microbiology</i> , 2021, 12, 634895.	1.5	4
46	Effect of Nutritional Determinants and TonB on the Natural Transformation of <i>Riemerella anatipestifer</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 644868.	1.5	4
47	Replication/Assembly Defective Avian Flavivirus With Internal Deletions in the Capsid Can Be Used as an Approach for Living Attenuated Vaccine. <i>Frontiers in Immunology</i> , 2021, 12, 694959.	2.2	4
48	Nuclear localization of duck Tembusu virus NS5 protein attenuates viral replication in vitro and NS5-NS2B3 interaction. <i>Veterinary Microbiology</i> , 2021, 262, 109239.	0.8	4
49	The LORF5 Gene Is Non-essential for Replication but Important for Duck Plague Virus Cell-to-Cell Spread Efficiently in Host Cells. <i>Frontiers in Microbiology</i> , 2021, 12, 744408.	1.5	4
50	Tracing genetic signatures of bat-to-human coronaviruses and early transmission of North American SARS-CoV-2. <i>Transboundary and Emerging Diseases</i> , 2021, , .	1.3	3
51	Identification of the Natural Transformation Genes in <i>Riemerella anatipestifer</i> by Random Transposon Mutagenesis. <i>Frontiers in Microbiology</i> , 2021, 12, 712198.	1.5	3
52	Comparative genomics and metabolomics analysis of <i>Riemerella anatipestifer</i> strain CH-1 and CH-2. <i>Scientific Reports</i> , 2021, 11, 616.	1.6	3
53	The lysine at position 151 of the duck hepatitis A virus 1 2C protein is critical for its NTPase activities. <i>Veterinary Microbiology</i> , 2022, 264, 109300.	0.8	3
54	Development and evaluation of an indirect ELISA based on recombinant structural protein VP2 to detect antibodies against duck hepatitis A virus. <i>Journal of Virological Methods</i> , 2020, 282, 113903.	1.0	2

#	ARTICLE	IF	CITATIONS
55	Autophagy Is a Potential Therapeutic Target Against Duck Tembusu Virus Infection in vivo. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 155.	1.8	2
56	Two nuclear localization signals regulate intracellular localization of the duck enteritis virus UL13 protein. <i>Poultry Science</i> , 2021, 100, 26-38.	1.5	2
57	The Roles of Envelope Glycoprotein M in the Life Cycle of Some Alphaherpesviruses. <i>Frontiers in Microbiology</i> , 2021, 12, 631523.	1.5	2
58	Duck hepatitis A virus 1 has lymphoid tissue tropism altering the organic immune responses of mature ducks. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 3588-3600.	1.3	2
59	ICP22/IE63 Mediated Transcriptional Regulation and Immune Evasion: Two Important Survival Strategies for Alphaherpesviruses. <i>Frontiers in Immunology</i> , 2021, 12, 743466.	2.2	2
60	Duck plague virus UL41 protein inhibits RIG-I/MDA5-mediated duck IFN- $\beta$ production via mRNA degradation activity. <i>Veterinary Research</i> , 2022, 53, 22.	1.1	2
61	Duck Plague Virus pUL48 Protein Activates the Immediate-Early Gene to Initiate the Transcription of the Virus Gene. <i>Frontiers in Microbiology</i> , 2021, 12, 795730.	1.5	2
62	Role of the homologous MTase-RdRp interface of flavivirus intramolecular NS5 on duck tembusu virus. <i>Veterinary Microbiology</i> , 2022, 269, 109433.	0.8	2
63	RNA-Seq analysis of duck embryo fibroblast cells gene expression during duck Tembusu virus infection. <i>Veterinary Research</i> , 2022, 53, 34.	1.1	2
64	Research Note: Duck plague virus glycoprotein I influences cell-cell spread and final envelope acquisition. <i>Poultry Science</i> , 2020, 99, 6647-6652.	1.5	1
65	Substitutions at Loop Regions of TMUV E Protein Domain III Differentially Impair Viral Entry and Assembly. <i>Frontiers in Microbiology</i> , 2021, 12, 688172.	1.5	1
66	Development of an indirect ELISA method based on the VP4 protein for detection antibody against duck hepatitis A virus type 1. <i>Journal of Virological Methods</i> , 2022, 300, 114393.	1.0	1
67	Assembly-defective Tembusu virus ectopically expressing capsid protein is an approach for live-attenuated flavivirus vaccine development. <i>Npj Vaccines</i> , 2022, 7, 51.	2.9	1
68	The autophagy-related degradation of MDA5 by Tembusu virus nonstructural 2B disrupts IFN- $\beta$ production. <i>FASEB Journal</i> , 2022, 36, .	0.2	1
69	Molecular cloning of duck CD40 and its immune function research. <i>Poultry Science</i> , 2021, 100, 101100.	1.5	0
70	The protein encoded by the duck plague virus UL14 gene regulates virion morphogenesis and affects viral replication. <i>Poultry Science</i> , 2022, 101, 101863.	1.5	0
71	The G92 NS2B mutant of Tembusu virus is involved in severe defects in progeny virus assembly. <i>Veterinary Microbiology</i> , 2022, 267, 109396.	0.8	0