

# Songtao Yang

## List of Publications by Year in descending order

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75  
papers

1,533  
citations

331670

21  
h-index

377865

34  
g-index

79  
all docs

79  
docs citations

79  
times ranked

2240  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Rapid and Specific Assay for the Detection of MERS-CoV. <i>Frontiers in Microbiology</i> , 2018, 9, 1101.	3.5	135
2	MERS-CoV virus-like particles produced in insect cells induce specific humoral and cellular immunity in rhesus macaques. <i>Oncotarget</i> , 2017, 8, 12686-12694.	1.8	126
3	Novel chimeric virus-like particles vaccine displaying MERS-CoV receptor-binding domain induce specific humoral and cellular immune response in mice. <i>Antiviral Research</i> , 2017, 140, 55-61.	4.1	79
4	Phylogenetic analysis of the VP2 gene of canine parvoviruses circulating in China. <i>Virus Genes</i> , 2010, 40, 397-402.	1.6	69
5	PB2-E627K and PA-T97I substitutions enhance polymerase activity and confer a virulent phenotype to an H6N1 avian influenza virus in mice. <i>Virology</i> , 2014, 468-470, 207-213.	2.4	62
6	DNA vaccine encoding Middle East respiratory syndrome coronavirus S1 protein induces protective immune responses in mice. <i>Vaccine</i> , 2017, 35, 2069-2075.	3.8	53
7	Innate immune response gene expression profiles in central nervous system of mice infected with rabies virus. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2011, 34, 503-512.	1.6	44
8	Analysis of expression profiles of long noncoding RNAs and mRNAs in brains of mice infected by rabies virus by RNA sequencing. <i>Scientific Reports</i> , 2018, 8, 11858.	3.3	41
9	Intracerebral Administration of Recombinant Rabies Virus Expressing GM-CSF Prevents the Development of Rabies after Infection with Street Virus. <i>PLoS ONE</i> , 2011, 6, e25414.	2.5	35
10	Adaptation of H9N2 AIV in guinea pigs enables efficient transmission by direct contact and inefficient transmission by respiratory droplets. <i>Scientific Reports</i> , 2015, 5, 15928.	3.3	35
11	Treatment with hyperimmune equine immunoglobulin or immunoglobulin fragments completely protects rodents from Ebola virus infection. <i>Scientific Reports</i> , 2016, 6, 24179.	3.3	33
12	A Novel Bacterium-Like Particle Vaccine Displaying the MERS-CoV Receptor-Binding Domain Induces Specific Mucosal and Systemic Immune Responses in Mice. <i>Viruses</i> , 2019, 11, 799.	3.3	32
13	Passive immunotherapy for Middle East Respiratory Syndrome coronavirus infection with equine immunoglobulin or immunoglobulin fragments in a mouse model. <i>Antiviral Research</i> , 2017, 137, 125-130.	4.1	28
14	Changes in microRNA expression induced by rabies virus infection in mouse brains. <i>Microbial Pathogenesis</i> , 2012, 52, 47-54.	2.9	27
15	Incorporation of membrane-anchored flagellin or Escherichia coli heat-labile enterotoxin B subunit enhances the immunogenicity of rabies virus-like particles in mice and dogs. <i>Frontiers in Microbiology</i> , 2015, 6, 169.	3.5	27
16	Visual detection of Ebola virus using reverse transcription loop-mediated isothermal amplification combined with nucleic acid strip detection. <i>Archives of Virology</i> , 2016, 161, 1125-1133.	2.1	26
17	Characterization of the Immune Response of MERS-CoV Vaccine Candidates Derived from Two Different Vectors in Mice. <i>Viruses</i> , 2020, 12, 125.	3.3	26
18	Adjuvant activity of PCP-II, a polysaccharide from <i>Poria cocos</i> , on a whole killed rabies vaccine. <i>Virus Research</i> , 2019, 270, 197638.	2.2	25

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19	Isolation and characterization of feline panleukopenia virus from a diarrheic monkey. <i>Veterinary Microbiology</i> , 2010, 143, 155-159.	1.9	24
20	H5N1 influenza virus-like particle vaccine protects mice from heterologous virus challenge better than whole inactivated virus. <i>Virus Research</i> , 2015, 200, 9-18.	2.2	24
21	Generation and evaluation of a recombinant genotype VII Newcastle disease virus expressing VP3 protein of Goose parvovirus as a bivalent vaccine in goslings. <i>Virus Research</i> , 2015, 203, 77-83.	2.2	24
22	Global gene expression changes in BV2 microglial cell line during rabies virus infection. <i>Infection, Genetics and Evolution</i> , 2013, 20, 257-269.	2.3	23
23	CpG/Poly (I:C) mixed adjuvant priming enhances the immunogenicity of a DNA vaccine against eastern equine encephalitis virus in mice. <i>International Immunopharmacology</i> , 2014, 19, 74-80.	3.8	22
24	Chimeric Rabies Virus-Like Particles Containing Membrane-Anchored GM-CSF Enhances the Immune Response against Rabies Virus. <i>Viruses</i> , 2015, 7, 1134-1152.	3.3	22
25	Characterization of Two Heterogeneous Lethal Mouse-Adapted SARS-CoV-2 Variants Recapitulating Representative Aspects of Human COVID-19. <i>Frontiers in Immunology</i> , 2022, 13, 821664.	4.8	22
26	Isolation and sequence analysis of the complete NS1 and VP2 genes of canine parvovirus from domestic dogs in 2013 and 2014 in China. <i>Archives of Virology</i> , 2016, 161, 385-393.	2.1	21
27	PB1 S524G mutation of wild bird-origin H3N8 influenza A virus enhances virulence and fitness for transmission in mammals. <i>Emerging Microbes and Infections</i> , 2021, 10, 1038-1051.	6.5	21
28	Infection with street strain rabies virus induces modulation of the microRNA profile of the mouse brain. <i>Virology Journal</i> , 2012, 9, 159.	3.4	20
29	Generation of Recombinant Rabies Virus CVS-11 Expressing eGFP Applied to the Rapid Virus Neutralization Test. <i>Viruses</i> , 2014, 6, 1578-1589.	3.3	20
30	Adaptive amino acid substitutions enhance the virulence of an H7N7 avian influenza virus isolated from wild waterfowl in mice. <i>Veterinary Microbiology</i> , 2015, 177, 18-24.	1.9	19
31	Isatis indigotica root polysaccharides as adjuvants for an inactivated rabies virus vaccine. <i>International Journal of Biological Macromolecules</i> , 2016, 87, 7-15.	7.5	19
32	Genetically Modified Rabies Virus Vector-Based Rift Valley Fever Virus Vaccine is Safe and Induces Efficacious Immune Responses in Mice. <i>Viruses</i> , 2019, 11, 919.	3.3	19
33	Adaptive amino acid substitutions enhance the virulence of a reassortant H7N1 avian influenza virus isolated from wild waterfowl in mice. <i>Virology</i> , 2015, 476, 233-239.	2.4	18
34	Using rabies virus vaccine strain SRV9 as viral vector to express exogenous gene. <i>Virus Genes</i> , 2015, 50, 299-302.	1.6	16
35	An adenovirus serotype 2-vectored ebolavirus vaccine generates robust antibody and cell-mediated immune responses in mice and rhesus macaques. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-12.	6.5	16
36	Inclusion of membrane-anchored LTB or flagellin protein in H5N1 virus-like particles enhances protective responses following intramuscular and oral immunization of mice. <i>Vaccine</i> , 2018, 36, 5990-5998.	3.8	15

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37	Equine-Origin Immunoglobulin Fragments Protect Nonhuman Primates from Ebola Virus Disease. <i>Journal of Virology</i> , 2019, 93, .	3.4	14
38	Porcine epidemic diarrhea virus virus-like particles produced in insect cells induce specific immune responses in mice. <i>Virus Genes</i> , 2017, 53, 548-554.	1.6	13
39	Intramuscular and intranasal immunization with an H7N9 influenza virus-like particle vaccine protects mice against lethal influenza virus challenge. <i>International Immunopharmacology</i> , 2018, 58, 109-116.	3.8	13
40	Complete protection of cats against feline panleukopenia virus challenge by a recombinant canine adenovirus type 2 expressing VP2 from FPV. <i>Vaccine</i> , 2008, 26, 1482-1487.	3.8	12
41	Interferon-inducible GTPase: a novel viral response protein involved in rabies virus infection. <i>Archives of Virology</i> , 2016, 161, 1285-1293.	2.1	12
42	Isolation and phylogenetic analysis of three feline calicivirus strains from domestic cats in Jilin Province, China. <i>Archives of Virology</i> , 2017, 162, 2579-2589.	2.1	12
43	Construction and immunogenicity of a recombinant pseudotype baculovirus expressing the glycoprotein of rabies virus in mice. <i>Archives of Virology</i> , 2011, 156, 753-758.	2.1	11
44	A Novel Bacterium-Like Particle-Based Vaccine Displaying the SUDV Glycoprotein Induces Potent Humoral and Cellular Immune Responses in Mice. <i>Viruses</i> , 2019, 11, 1149.	3.3	11
45	An inactivated recombinant rabies virus displaying the Zika virus prM-E induces protective immunity against both pathogens. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009484.	3.0	10
46	Autophagy is highly targeted among host comparative proteomes during infection with different virulent RABV strains. <i>Oncotarget</i> , 2017, 8, 21336-21350.	1.8	10
47	Inhibition of rabies virus replication by interferon-stimulated gene 15 and its activating enzyme UBA7. <i>Infection, Genetics and Evolution</i> , 2017, 56, 44-53.	2.3	9
48	Influenza virus-like particles composed of conserved influenza proteins and GPI-anchored CCL28/GM-CSF fusion proteins enhance protective immunity against homologous and heterologous viruses. <i>International Immunopharmacology</i> , 2018, 63, 119-128.	3.8	9
49	Development of a Visible Reverse Transcription-Loop-Mediated Isothermal Amplification Assay for the Detection of Rift Valley Fever Virus. <i>Frontiers in Microbiology</i> , 2020, 11, 590732.	3.5	9
50	Viral and Host Transcriptomes in SARS-CoV-2-Infected Human Lung Cells. <i>Journal of Virology</i> , 2021, 95, e0060021.	3.4	9
51	Development of a VLP-based vaccine in silkworm pupae against rabbit hemorrhagic disease virus. <i>International Immunopharmacology</i> , 2016, 40, 164-169.	3.8	8
52	Peste des Petits Ruminants Virus-Like Particles Induce a Potent Humoral and Cellular Immune Response in Goats. <i>Viruses</i> , 2019, 11, 918.	3.3	8
53	Development of a reverse genetics system for Japanese encephalitis virus strain SA14-14-2. <i>Virus Genes</i> , 2019, 55, 550-556.	1.6	8
54	Intranasal Immunization with Influenza Virus-Like Particles Containing Membrane-Anchored Cholera Toxin B or Ricin Toxin B Enhances Adaptive Immune Responses and Protection against an Antigenically Distinct Virus. <i>Viruses</i> , 2016, 8, 115.	3.3	7

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55	Marburg virus-like particles by co-expression of glycoprotein and matrix protein in insect cells induces immune responses in mice. <i>Virology Journal</i> , 2017, 14, 204.	3.4	7
56	Development of a reverse genetics system for a feline panleukopenia virus. <i>Virus Genes</i> , 2019, 55, 95-103.	1.6	6
57	Immunogenicity Assessment of Rift Valley Fever Virus Virus-Like Particles in BALB/c Mice. <i>Frontiers in Veterinary Science</i> , 2020, 7, 62.	2.2	6
58	A Chimeric Sudan Virus-Like Particle Vaccine Candidate Produced by a Recombinant Baculovirus System Induces Specific Immune Responses in Mice and Horses. <i>Viruses</i> , 2020, 12, 64.	3.3	6
59	Nucleic acid visualization assay for Middle East Respiratory Syndrome Coronavirus (MERS-CoV) by targeting the UpE and N gene. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009227.	3.0	6
60	Equine Immunoglobulin and Equine Neutralizing F(ab $\epsilon$ ) <sub>2</sub> Protect Mice from West Nile Virus Infection. <i>Viruses</i> , 2016, 8, 332.	3.3	5
61	A highly efficient recombinant canarypox virus-based vaccine against canine distemper virus constructed using the CRISPR/Cas9 gene editing method. <i>Veterinary Microbiology</i> , 2020, 251, 108920.	1.9	5
62	The Application of a Safe Neutralization Assay for Ebola Virus Using Lentivirus-Based Pseudotyped Virus. <i>Virologica Sinica</i> , 2021, 36, 1648-1651.	3.0	5
63	Packaging of Rift Valley fever virus pseudoviruses and establishment of a neutralization assay method. <i>Journal of Veterinary Science</i> , 2018, 19, 200.	1.3	5
64	Inactivated Rabies Virus Vected MERS-Coronavirus Vaccine Induces Protective Immunity in Mice, Camels, and Alpacas. <i>Frontiers in Immunology</i> , 2022, 13, 823949.	4.8	5
65	Bacterium-Like Particles Displaying the Rift Valley Fever Virus Gn Head Protein Induces Efficacious Immune Responses in Immunized Mice. <i>Frontiers in Microbiology</i> , 2022, 13, 799942.	3.5	5
66	Equine immunoglobulin F(ab $\epsilon$ ) <sub>2</sub> fragments protect mice from Rift Valley fever virus infection. <i>International Immunopharmacology</i> , 2018, 64, 217-222.	3.8	3
67	Development of recombinase polymerase amplification assays for rapid and visual detection of canine distemper virus infecting giant panda. <i>BMC Veterinary Research</i> , 2021, 17, 172.	1.9	3
68	Characteristics of Chimeric West Nile Virus Based on the Japanese Encephalitis Virus SA14-14-2 Backbone. <i>Viruses</i> , 2021, 13, 1262.	3.3	3
69	A Novel and Secure Pseudovirus Reporter System Based Assay for Neutralizing and Enhancing Antibody Assay Against Marburg Virus. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	3
70	Characterization of small metabolites alteration in mice brain tissues after infected by rabies virus. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104571.	2.3	2
71	Quantitative characterization of the B cell receptor repertoires of human immunized with commercial rabies virus vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 2538-2546.	3.3	2
72	Quantitative characterization of the T cell receptor repertoires of human immunized by rabies virus vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 2530-2537.	3.3	1

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73	Molecular Phylogeny of an Avipoxvirus Isolated from Red-Flanked Blue Robin in China. <i>Avian Diseases</i> , 2019, 64, 2.	1.0	1
74	Western equine encephalitis virus virus-like particles from an insect cell-baculovirus system elicit the strong immune responses in mice. <i>Biotechnology Journal</i> , 2021, 16, 2100008.	3.5	0
75	Amino acid sites related to the PB2 subunits of IDV affect polymerase activity. <i>Virology Journal</i> , 2021, 18, 230.	3.4	0