

Dongming Zhou

List of Publications by Year in descending order

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69
papers

2,627
citations

186209

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214721

47
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74
all docs

74
docs citations

74
times ranked

3685
citing authors

#	ARTICLE	IF	CITATIONS
1	Susceptibilities of Human ACE2 Genetic Variants in Coronavirus Infection. <i>Journal of Virology</i> , 2022, 96, JVI0149221.	1.5	22
2	Longitudinal immune profiling reveals dominant epitopes mediating long-term humoral immunity in COVID-19 convalescent individuals. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1225-1241.	1.5	5
3	A Single Vaccine Protects against SARS-CoV-2 and Influenza Virus in Mice. <i>Journal of Virology</i> , 2022, 96, JVI0157821.	1.5	14
4	Intratumoral delivery of a novel oncolytic adenovirus encoding human antibody against PD-1 elicits enhanced antitumor efficacy. <i>Molecular Therapy - Oncolytics</i> , 2022, 25, 236-248.	2.0	9
5	A bivalent live-attenuated vaccine candidate elicits protective immunity against human adenovirus types 4 and 7. <i>Emerging Microbes and Infections</i> , 2021, 10, 1947-1959.	3.0	3
6	Comparative analysis reveals the species-specific genetic determinants of ACE2 required for SARS-CoV-2 entry. <i>PLoS Pathogens</i> , 2021, 17, e1009392.	2.1	34
7	Programmable RNA editing with compact CRISPR-Cas13 systems from uncultivated microbes. <i>Nature Methods</i> , 2021, 18, 499-506.	9.0	182
8	Single-Dose Immunization With a Chimpanzee Adenovirus-Based Vaccine Induces Sustained and Protective Immunity Against SARS-CoV-2 Infection. <i>Frontiers in Immunology</i> , 2021, 12, 697074.	2.2	18
9	The zinc transporter ZIP7 (Slc39a7) controls myocardial reperfusion injury by regulating mitophagy. <i>Basic Research in Cardiology</i> , 2021, 116, 54.	2.5	24
10	Homogeneously high expression of CD32b makes it a potential target for CAR-T therapy for chronic lymphocytic leukemia. <i>Journal of Hematology and Oncology</i> , 2021, 14, 149.	6.9	7
11	Recombinant chimpanzee adenovirus AdC7 expressing dimeric tandem-repeat spike protein RBD protects mice against COVID-19. <i>Emerging Microbes and Infections</i> , 2021, 10, 1574-1588.	3.0	18
12	Heterologous prime-boost immunizations with chimpanzee adenoviral vectors elicit potent and protective immunity against SARS-CoV-2 infection. <i>Cell Discovery</i> , 2021, 7, 123.	3.1	10
13	Coronavirus disease-19 vaccine development utilizing promising technology. <i>Current Opinion in HIV and AIDS</i> , 2020, 15, 351-358.	1.5	4
14	Adenovirus delivery of encoded monoclonal antibody protects against different types of influenza virus infection. <i>Npj Vaccines</i> , 2020, 5, 57.	2.9	8
15	Interleukin 16 contributes to gammaherpesvirus pathogenesis by inhibiting viral reactivation. <i>PLoS Pathogens</i> , 2020, 16, e1008701.	2.1	9
16	Recent advances of oncolytic virus in cancer therapy. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 2389-2402.	1.4	109
17	Transfer of cGAMP into Bystander Cells via LRRC8 Volume-Regulated Anion Channels Augments STING-Mediated Interferon Responses and Anti-viral Immunity. <i>Immunity</i> , 2020, 52, 767-781.e6.	6.6	175
18	Influenza Vaccine With Consensus Internal Antigens as Immunogens Provides Cross-Group Protection Against Influenza A Viruses. <i>Frontiers in Microbiology</i> , 2019, 10, 1630.	1.5	11

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19	A chimpanzee adenoviral vector-based rabies vaccine protects beagle dogs from lethal rabies virus challenge. <i>Virology</i> , 2019, 536, 32-38.	1.1	13
20	Chimpanzee adenoviral vector prime-boost regimen elicits potent immune responses against Ebola virus in mice and rhesus macaques. <i>Emerging Microbes and Infections</i> , 2019, 8, 1086-1097.	3.0	13
21	Versatile Functionalization of Ferritin Nanoparticles by Intein-Mediated Trans-Splicing for Antigen/Adjuvant Co-delivery. <i>Nano Letters</i> , 2019, 19, 5469-5475.	4.5	23
22	Single intranasal immunization with chimpanzee adenovirus-based vaccine induces sustained and protective immunity against MERS-CoV infection. <i>Emerging Microbes and Infections</i> , 2019, 8, 760-772.	3.0	36
23	A trivalent HCV vaccine elicits broad and synergistic polyclonal antibody response in mice and rhesus monkey. <i>Gut</i> , 2019, 68, 140-149.	6.1	30
24	Development of novel vaccine vectors: Chimpanzee adenoviral vectors. <i>Human Vaccines and Immunotherapeutics</i> , 2018, 14, 1679-1685.	1.4	56
25	A virus-like particle vaccine confers protection against enterovirus D68 lethal challenge in mice. <i>Vaccine</i> , 2018, 36, 653-659.	1.7	33
26	Recombinant Chimpanzee Adenovirus Vaccine AdC7-M/E Protects against Zika Virus Infection and Testis Damage. <i>Journal of Virology</i> , 2018, 92, .	1.5	72
27	Recombinant covalently closed circular DNA of hepatitis B virus induces long-term viral persistence with chronic hepatitis in a mouse model. <i>Hepatology</i> , 2018, 67, 56-70.	3.6	58
28	Control of Treg cell homeostasis and immune equilibrium by Lkb1 in dendritic cells. <i>Nature Communications</i> , 2018, 9, 5298.	5.8	42
29	A virus-like particle-based tetravalent vaccine for hand, foot, and mouth disease elicits broad and balanced protective immunity. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-12.	3.0	39
30	Antinuclear antibodies and interleukin responses in patients with <i>Schistosoma japonicum</i> infection. <i>Parasite Immunology</i> , 2018, 40, e12577.	0.7	9
31	Alkyl polyglycoside, a highly promising adjuvant in intranasal split influenza vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 1279-1287.	1.4	8
32	Recombinant Adenoviruses Displaying Matrix 2 Ectodomain Epitopes on Their Fiber Proteins as Universal Influenza Vaccines. <i>Journal of Virology</i> , 2017, 91, .	1.5	10
33	Lkb1 maintains Treg cell lineage identity. <i>Nature Communications</i> , 2017, 8, 15876.	5.8	62
34	Both haemagglutinin-specific antibody and T cell responses induced by a chimpanzee adenoviral vaccine confer protection against influenza H7N9 viral challenge. <i>Scientific Reports</i> , 2017, 7, 1854.	1.6	16
35	Development of Novel Vaccines Against Infectious Diseases Based on Chimpanzee Adenoviral Vector. <i>Methods in Molecular Biology</i> , 2017, 1581, 3-13.	0.4	11
36	A heterologous prime-boost Ebola virus vaccine regimen induces durable neutralizing antibody response and prevents Ebola virus-like particle entry in mice. <i>Antiviral Research</i> , 2017, 145, 54-59.	1.9	10

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37	A novel oncolytic adenovirus based on simian adenovirus serotype 24. <i>Oncotarget</i> , 2017, 8, 26871-26885.	0.8	9
38	Hemagglutinin-targeting Artificial MicroRNAs Expressed by Adenovirus Protect Mice From Different Clades of H5N1 Infection. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e311.	2.3	15
39	Adenoviral vector-based strategies against infectious disease and cancer. <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 2064-2074.	1.4	87
40	Chimpanzee adenovirus vector-based avian influenza vaccine completely protects mice against lethal challenge of H5N1. <i>Vaccine</i> , 2016, 34, 4875-4883.	1.7	21
41	An Ebola Virus-Like Particle-Based Reporter System Enables Evaluation of Antiviral Drugs <i>in Vivo</i> under Non-Biosafety Level 4 Conditions. <i>Journal of Virology</i> , 2016, 90, 8720-8728.	1.5	15
42	Rapid, Efficient, and Modular Generation of Adenoviral Vectors via Isothermal Assembly. <i>Current Protocols in Molecular Biology</i> , 2016, 113, 16.26.1-16.26.18.	2.9	12
43	MicroRNAs in colorectal carcinoma - from pathogenesis to therapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 43.	3.5	97
44	Gene therapy for colorectal cancer using adenovirus-mediated full-length antibody, cetuximab. <i>Oncotarget</i> , 2016, 7, 28262-28272.	0.8	13
45	Repeated Low-Dose Influenza Virus Infection Causes Severe Disease in Mice: a Model for Vaccine Evaluation. <i>Journal of Virology</i> , 2015, 89, 7841-7851.	1.5	31
46	Phylogenetic analysis of the major causative agents of hand, foot and mouth disease in Suzhou city, Jiangsu province, China, in 2012-2013. <i>Emerging Microbes and Infections</i> , 2015, 4, 1-10.	3.0	36
47	Hexon-modified recombinant E1-deleted adenoviral vectors as bivalent vaccine carriers for Coxsackievirus A16 and Enterovirus 71. <i>Vaccine</i> , 2015, 33, 5087-5094.	1.7	16
48	Neutralizing antibody responses to enterovirus and adenovirus in healthy adults in China. <i>Emerging Microbes and Infections</i> , 2014, 3, 1-6.	3.0	41
49	Survivin-targeting Artificial MicroRNAs Mediated by Adenovirus Suppress Tumor Activity in Cancer Cells and Xenograft Models. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e208.	2.3	22
50	Cocirculation of Three Hemagglutinin and Two Neuraminidase Subtypes of Avian Influenza Viruses in Huzhou, China, April 2013: Implication for the Origin of the Novel H7N9 Virus. <i>Journal of Virology</i> , 2014, 88, 6506-6511.	1.5	14
51	Adenoviral Delivery of Recombinant Hepatitis B Virus Expressing Foreign Antigenic Epitopes for Immunotherapy of Persistent Viral Infection. <i>Journal of Virology</i> , 2014, 88, 3004-3015.	1.5	10
52	Th2-type inflammation under conditions of pre-existing chronic disease is associated with liver damage in patients with avian influenza H7N9 virus. <i>Microbes and Infection</i> , 2014, 16, 672-677.	1.0	7
53	Hexon-modified Recombinant E1-deleted Adenovirus Vectors as Dual Specificity Vaccine Carriers for Influenza Virus. <i>Molecular Therapy</i> , 2013, 21, 696-706.	3.7	22
54	Clinical presentation and sequence analyses of HA and NA antigens of the novel H7N9 viruses. <i>Emerging Microbes and Infections</i> , 2013, 2, 1-6.	3.0	18

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55	Viral delivery for gene therapy against cell movement in cancer. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 671-677.	6.6	25
56	Vaccine-induced T cells Provide Partial Protection Against High-dose Rectal SIVmac239 Challenge of Rhesus Macaques. <i>Molecular Therapy</i> , 2011, 19, 417-426.	3.7	9
57	Adeno-associated Virus Vectors Serotype 2 Induce Prolonged Proliferation of Capsid-Specific CD8+ T Cells in Mice. <i>Molecular Therapy</i> , 2011, 19, 536-546.	3.7	28
58	An efficient method of directly cloning chimpanzee adenovirus as a vaccine vector. <i>Nature Protocols</i> , 2010, 5, 1775-1785.	5.5	58
59	Augmentation of Primary Influenza A Virus-Specific CD8+ T Cell Responses in Aged Mice through Blockade of an Immunoinhibitory Pathway. <i>Journal of Immunology</i> , 2010, 184, 5475-5484.	0.4	25
60	A Universal Influenza A Vaccine Based on Adenovirus Expressing Matrix-2 Ectodomain and Nucleoprotein Protects Mice From Lethal Challenge. <i>Molecular Therapy</i> , 2010, 18, 2182-2188.	3.7	56
61	Adenovirus Vector-Induced Immune Responses in Nonhuman Primates: Responses to Prime Boost Regimens. <i>Journal of Immunology</i> , 2009, 182, 6587-6599.	0.4	49
62	A Preclinical Animal Model to Assess the Effect of Pre-existing Immunity on AAV-mediated Gene Transfer. <i>Molecular Therapy</i> , 2009, 17, 1215-1224.	3.7	41
63	Effect of Preexisting Immunity to Adenovirus Human Serotype 5 Antigens on the Immune Responses of Nonhuman Primates to Vaccine Regimens Based on Human- or Chimpanzee-Derived Adenovirus Vectors. <i>Journal of Virology</i> , 2007, 81, 6594-6604.	1.5	172
64	A CD46-binding Chimpanzee Adenovirus Vector as a Vaccine Carrier. <i>Molecular Therapy</i> , 2007, 15, 608-617.	3.7	34
65	Tetraspanin CD151 Promotes Cell Migration by Regulating Integrin Trafficking. <i>Journal of Biological Chemistry</i> , 2007, 282, 31631-31642.	1.6	123
66	Adenoviral vectors persist in vivo and maintain activated CD8+ T cells: implications for their use as vaccines. <i>Blood</i> , 2007, 110, 1916-1923.	0.6	190
67	Therapeutic potential of adenovirus as a vaccine vector for chronic virus infections. <i>Expert Opinion on Biological Therapy</i> , 2006, 6, 63-72.	1.4	10
68	A Chimpanzee-Origin Adenovirus Vector Expressing the Rabies Virus Glycoprotein as an Oral Vaccine against Inhalation Infection with Rabies Virus. <i>Molecular Therapy</i> , 2006, 14, 662-672.	3.7	53
69	Cyr61 mediates the expression of VEGF, β ₁ -integrin, and β -actin genes through cytoskeletonally based mechanotransduction mechanisms in bladder smooth muscle cells. <i>Journal of Applied Physiology</i> , 2005, 98, 2344-2354.	1.2	63