Xia Jin

List of Publications by Year
in descending order

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Version: 2024-02-01

89 papers	4,287 citations	147726 31 h-index	118793 62 g-index
96 all docs	96 docs citations	96 times ranked	5806 citing authors

#	Article	IF	Citations
1	An mRNA vaccine encoding Chikungunya virus E2-E1 protein elicits robust neutralizing antibody responses and CTL immune responses. Virologica Sinica, 2022, 37, 266-276.	1.2	10
2	A single nonsynonymous mutation on ZIKV E protein-coding sequences leads to markedly increased neurovirulence in vivo. Virologica Sinica, 2022, 37, 115-126.	1.2	6
3	A high-dose inoculum size results in persistent viral infection and arthritis in mice infected with chikungunya virus. PLoS Neglected Tropical Diseases, 2022, 16, e0010149.	1.3	6
4	Longitudinal immune profiling reveals dominant epitopes mediating long-term humoral immunity in COVID-19â€“convalescent individuals. Journal of Allergy and Clinical Immunology, 2022, 149, 1225-1241.	1.5	5
5	Host cytoskeletal vimentin serves as a structural organizer and an RNA-binding protein regulator to facilitate Zika viral replication. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	19
6	A Novel 2-dimensional Multiplex qPCR Assay for Single-Tube Detection of Nine Human Herpesviruses. Virologica Sinica, 2021, 36, 746-754.	1.2	0
7	Temporal association between human upper respiratory and gut bacterial microbiomes during the course of COVID-19 in adults. Communications Biology, 2021, 4, 240.	2.0	81
8	Comparative evaluation of 19 reverse transcription loop-mediated isothermal amplification assays for detection of SARS-CoV-2. Scientific Reports, 2021, 11, 2936.	1.6	36
9	Two immunogenic recombinant protein vaccine candidates showed disparate protective efficacy against Zika virus infection in rhesus macaques. Vaccine, 2021, 39, 915-925.	1.7	5
10	Progressive deterioration of the upper respiratory tract and the gut microbiomes in children during the early infection stages of COVID-19. Journal of Genetics and Genomics, 2021, 48, 803-814.	1.7	26
11	HIV-1 Infection Alters the Viral Composition of Plasma in Men Who Have Sex with Men. MSphere, 2021, 6, .	1.3	16
12	Evolutionary dynamics of group A and B respiratory syncytial virus in China, 2009-2018. Archives of Virology, 2021, 166, 2407-2418.	0.9	5
13	HTNV infection of CD8+ T cells is associated with disease progression in HFRS patients. Communications Biology, 2021, 4, 652.	2.0	11
14	Nlrc3 Knockout Mice Showed Renal Pathological Changes After HTNV Infection. Frontiers in Immunology, 2021, 12, 692509.	2.2	8
15	Development of a novel ZIKV vaccine comprised of immunodominant CD4+Âand CD8+ÂT cell epitopes identified through comprehensive epitope mapping in Zika virus infected mice. Vaccine, 2021, 39, 5173-5186.	1.7	2
16	Tandem bispecific antibody prevents pathogenic SHIVSF162P3CN infection and disease progression. Cell Reports, 2021, 36, 109611.	2.9	5
17	A Combined Adjuvant TFâ€“Al Consisting of TFPR1 and Aluminum Hydroxide Augments Strong Humoral and Cellular Immune Responses in Both C57BL/6 and BALB/c Mice. Vaccines, 2021, 9, 1408.	2.1	0
18	National Epidemiology and Evolutionary History of Four Hand, Foot and Mouth Disease-Related Enteroviruses in China from 2008 to 2016. Virologica Sinica, 2020, 35, 21-33.	1.2	43

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19	The Establishment of an In Vivo HIV-1 Infection Model in Humanized B-NSG Mice. Virologica Sinica, 2020, 35, 417-425.	1.2	3
20	Trend of HIV-1 drug resistance in China: A systematic review and meta-analysis of data accumulated over 17 years (2001â€“2017). EClinicalMedicine, 2020, 18, 100238.	3.2	47
21	Modified mRNA-LNP Vaccines Confer Protection against Experimental DENV-2 Infection in Mice. Molecular Therapy - Methods and Clinical Development, 2020, 18, 702-712.	1.8	38
22	Phylogenetic analyses of dengue virus serotypes imported to Shanghai, China. Journal of Travel Medicine, 2020, 27, .	1.4	5
23	Single-tube detection of nine bacterial antibiotic-resistance genes by a 2-dimensional multiplex qPCR assay based on fluorescence and melting temperature. Molecular Biology Reports, 2020, 47, 7341-7348.	1.0	1
24	Establishment of Murine Infection Models with Biological Clones of Dengue Viruses Derived from a Single Clinical Viral Isolate. Virologica Sinica, 2020, 35, 626-636.	1.2	5
25	Anti-flavivirus activity of polyoxometalate. Antiviral Research, 2020, 179, 104813.	1.9	14
26	CRISPR-Cas13a Cleavage of Dengue Virus NS3 Gene Efficiently Inhibits Viral Replication. Molecular Therapy - Nucleic Acids, 2020, 19, 1460-1469.	2.3	52
27	The immunologic dominance of an epitope within a rationally designed poly-epitope vaccine is influenced by multiple factors. Vaccine, 2020, 38, 2913-2924.	1.7	3
28	Recombinant SARS-CoV-2 spike S1-Fc fusion protein induced high levels of neutralizing responses in nonhuman primates. Vaccine, 2020, 38, 5653-5658.	1.7	49
29	A new class of broadly neutralizing antibodies that target the glycan loop of Zika virus envelope protein. Cell Discovery, 2020, 6, 5.	3.1	20
30	Defeat Dengue and Zika Viruses With a One-Two Punch of Vaccine and Vector Blockade. Frontiers in Microbiology, 2020, 11, 362.	1.5	9
31	Development of a Novel Reverse Transcription Loop-Mediated Isothermal Amplification Method for Rapid Detection of SARS-CoV-2. Virologica Sinica, 2020, 35, 344-347.	1.2	119
32	A Novel Reverse Transcription Loop-Mediated Isothermal Amplification Method for Rapid Detection of SARS-CoV-2. International Journal of Molecular Sciences, 2020, 21, 2826.	1.8	186
33	X-Linked RNA-Binding Motif Protein Modulates HIV-1 Infection of CD4 ⁺ T Cells by Maintaining the Trimethylation of Histone H3 Lysine 9 at the Downstream Region of the 5â€² Long Terminal Repeat of HIV Proviral DNA. MBio, 2020, 11, .	1.8	8
34	Epidemiological and clinical characteristics of COVID-19 patients in Nantong, China. Journal of Infection in Developing Countries, 2020, 14, 440-446.	0.5	18
35	Yeast-produced subunit protein vaccine elicits broadly neutralizing antibodies that protect mice against Zika virus lethal infection. Antiviral Research, 2019, 170, 104578.	1.9	15
36	ZIKV infection induces robust Th1-like Tfh cell and long-term protective antibody responses in immunocompetent mice. Nature Communications, 2019, 10, 3859.	5.8	39

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37	High proportion of coxsackievirus B3 genotype A in hand, foot and mouth disease in Zhenjiang, China, 2011â€“2016. International Journal of Infectious Diseases, 2019, 87, 1-7.	1.5	10
38	Vaccination With a Single Consensus Envelope Protein Ectodomain Sequence Administered in a Heterologous Regimen Induces Tetravalent Immune Responses and Protection Against Dengue Viruses in Mice. Frontiers in Microbiology, 2019, 10, 1113.	1.5	13
39	Altered respiratory virome and serum cytokine profile associated with recurrent respiratory tract infections in children. Nature Communications, 2019, 10, 2288.	5.8	45
40	A Mismatch-Tolerant Reverse Transcription Loop-Mediated Isothermal Amplification Method and Its Application on Simultaneous Detection of All Four Serotype of Dengue Viruses. Frontiers in Microbiology, 2019, 10, 1056.	1.5	46
41	NKG2A is a NK cell exhaustion checkpoint for HCV persistence. Nature Communications, 2019, 10, 1507.	5.8	109
42	Long noncoding RNA MALAT1 releases epigenetic silencing of HIV-1 replication by displacing the polycomb repressive complex 2 from binding to the LTR promoter. Nucleic Acids Research, 2019, 47, 3013-3027.	6.5	102
43	Tryptophan Metabolism Activates Aryl Hydrocarbon Receptor-Mediated Pathway To Promote HIV-1 Infection and Reactivation. MBio, 2019, 10, .	1.8	28
44	Kinetics of antigenâ€specific IgM/IgG/IgA antibody responses during Zika virus natural infection in two patients. Journal of Medical Virology, 2019, 91, 872-876.	2.5	12
45	Vaccines and Therapeutics Against Hantaviruses. Frontiers in Microbiology, 2019, 10, 2989.	1.5	67
46	A Mismatch-tolerant RT-LAMP Method for Molecular Diagnosis of Highly Variable Viruses. Bio-protocol, 2019, 9, e3415.	0.2	17
47	Insect cell-produced recombinant protein subunit vaccines protect against Zika virus infection. Antiviral Research, 2018, 154, 97-103.	1.9	28
48	Antiviral effects of ferric ammonium citrate. Cell Discovery, 2018, 4, 14.	3.1	35
49	SUN2 Modulates HIV-1 Infection and Latency through Association with Lamin A/C To Maintain the Repressive Chromatin. MBio, 2018, 9, .	1.8	23
50	Structure, Immunogenicity, and Protective Mechanism of an Engineered Enterovirus 71-Like Particle Vaccine Mimicking 80S Empty Capsid. Journal of Virology, 2018, 92, .	1.5	15
51	Delayed and highly specific antibody response to nonstructural protein 1 (NS1) revealed during natural human ZIKV infection by NS1-based capture ELISA. BMC Infectious Diseases, 2018, 18, 275.	1.3	17
52	Dengue immune sera enhance Zika virus infection in human peripheral blood monocytes through Fc gamma receptors. PLoS ONE, 2018, 13, e0200478.	1.1	22
53	Scaffold attachment factor B suppresses HIV-1 infection of CD4+ T cells by preventing binding of RNA polymerase II to HIV-1's long terminal repeat. Journal of Biological Chemistry, 2018, 293, 12177-12185.	1.6	8
54	Recombinant Zika virus envelope protein elicited protective immunity against Zika virus in immunocompetent mice. PLoS ONE, 2018, 13, e0194860.	1.1	41

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55	Expression, purification, and renaturation of a recombinant peptide-based HIV vaccine in Escherichia coli. Canadian Journal of Microbiology, 2017, 63, 493-501.	0.8	8
56	Endoplasmic Reticulum Protein SCAP Inhibits Dengue Virus NS2B3 Protease by Suppressing Its K27-Linked Polyubiquitylation. Journal of Virology, 2017, 91, .	1.5	26
57	Elaboration of tetravalent antibody responses against dengue viruses using a subunit vaccine comprised of a single consensus dengue envelope sequence. Vaccine, 2017, 35, 6308-6320.	1.7	28
58	A novel quantitative PCR mediated by high-fidelity DNA polymerase. Scientific Reports, 2017, 7, 10365.	1.6	12
59	A heterologous prime-boost Ebola virus vaccine regimen induces durable neutralizing antibody response and prevents Ebola virus-like particle entry in mice. Antiviral Research, 2017, 145, 54-59.	1.9	10
60	Dendritic cells maturated by co-culturing with HIV-1 latently infected Jurkat T cells or stimulating with AIDS-associated pathogens secrete TNF-Î± to reactivate HIV-1 from latency. Virulence, 2017, 8, 1732-1743.	1.8	8
61	Recent progress on chikungunya virus research. Virologica Sinica, 2017, 32, 441-453.	1.2	17
62	Both structure and function of human monoclonal antibodies contribute to enhancement of Zika virus infectivity in vitro. Science China Life Sciences, 2017, 60, 1396-1398.	2.3	6
63	Brucella Dysregulates Monocytes and Inhibits Macrophage Polarization through LC3-Dependent Autophagy. Frontiers in Immunology, 2017, 8, 691.	2.2	40
64	Comprehensive mapping of antigen specific T cell responses in hepatitis C virus infected patients with or without spontaneous viral clearance. PLoS ONE, 2017, 12, e0171217.	1.1	16
65	Delineating antibody recognition against Zika virus during natural infection. JCI Insight, 2017, 2, .	2.3	61
66	A novel polyepitope vaccine elicited HIV peptide specific CD4+ T cell responses in HLA-A2/DRB1 transgenic mice. PLoS ONE, 2017, 12, e0184207.	1.1	6
67	Chimpanzee adenovirus vector-based avian influenza vaccine completely protects mice against lethal challenge of H5N1. Vaccine, 2016, 34, 4875-4883.	1.7	21
68	An Ebola Virus-Like Particle-Based Reporter System Enables Evaluation of Antiviral Drugs In Vivo under Non-Biosafety Level 4 Conditions. Journal of Virology, 2016, 90, 8720-8728.	1.5	15
69	HIV-1 Nef-associated Factor 1 Enhances Viral Production by Interacting with CRM1 to Promote Nuclear Export of Unspliced HIV-1 gag mRNA. Journal of Biological Chemistry, 2016, 291, 4580-4588.	1.6	7
70	Vaccination With Heterologous HIV-1 Envelope Sequences and Heterologous Adenovirus Vectors Increases T-Cell Responses to Conserved Regions: HVTN 083. Journal of Infectious Diseases, 2016, 213, 541-550.	1.9	28
71	Repeated Low-Dose Influenza Virus Infection Causes Severe Disease in Mice: a Model for Vaccine Evaluation. Journal of Virology, 2015, 89, 7841-7851.	1.5	31
72	Dengue fever in China: an emerging problem demands attention. Emerging Microbes and Infections, 2015, 4, 1-3.	3.0	28

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73	Multiple factors affect immunogenicity of DNA plasmid HIV vaccines in human clinical trials. Vaccine, 2015, 33, 2347-2353.	1.7	34
74	High-yield production of recombinant virus-like particles of enterovirus 71 in Pichia pastoris and their protective efficacy against oral viral challenge in mice. Vaccine, 2015, 33, 2335-2341.	1.7	55
75	A bivalent virus-like particle based vaccine induces a balanced antibody response against both enterovirus 71 and norovirus in mice. Vaccine, 2015, 33, 5779-5785.	1.7	26
76	Designing Peptide-Based HIV Vaccine for Chinese. BioMed Research International, 2014, 2014, 1-8.	0.9	8
77	A virus-like particle based bivalent vaccine confers dual protection against enterovirus 71 and coxsackievirus A16 infections in mice. Vaccine, 2014, 32, 4296-4303.	1.7	64
78	9G4+ Antibodies Isolated from HIV-Infected Patients Neutralize HIV-1 and Have Distinct Autoreactivity Profiles. PLoS ONE, 2013, 8, e85098.	1.1	9
79	Safety and Immunogenicity of an HIV-1 Gag DNA Vaccine with or without IL-12 and/or IL-15 Plasmid Cytokine Adjuvant in Healthy, HIV-1 Uninfected Adults. PLoS ONE, 2012, 7, e29231.	1.1	98
80	Both Viremia and Cytokine Levels Associate with the Lack of Severe Disease in Secondary Dengue 1 Infection among Adult Chinese Patients. PLoS ONE, 2010, 5, e15631.	1.1	43
81	A tetravalent recombinant dengue domain III protein vaccine stimulates neutralizing and enhancing antibodies in mice. Vaccine, 2010, 28, 8085-8094.	1.7	59
82	Dengue virus neutralization is modulated by IgG antibody subclass and FcÎ³ receptor subtype. Virology, 2009, 394, 175-182.	1.1	48
83	A novel HIV T helper epitope-based vaccine elicits cytokine-secreting HIV-specific CD4+ T cells in a Phase I clinical trial in HIV-uninfected adults. Vaccine, 2009, 27, 7080-7086.	1.7	36
84	Dengue vaccine development and dengue viral neutralization and enhancement assays. Antiviral Therapy, 2009, 14, 739-749.	0.6	18
85	Monocytes, but not T or B cells, are the principal target cells for dengue virus (DV) infection among human peripheral blood mononuclear cells. Journal of Medical Virology, 2008, 80, 134-146.	2.5	165
86	Primary Human Splenic Macrophages, but Not T or B Cells, Are the Principal Target Cells for Dengue Virus Infection In Vitro. Journal of Virology, 2007, 81, 13325-13334.	1.5	104
87	Human Immunodeficiency Virus Type 1 (HIV-1)-Specific CD8+-T-Cell Responses for Groups of HIV-1-Infected Individuals with Different HLA-B*35 Genotypes. Journal of Virology, 2002, 76, 12603-12610.	1.5	58
88	Dramatic Rise in Plasma Viremia after CD8+ T Cell Depletion in Simian Immunodeficiency Virusâ€“infected Macaques. Journal of Experimental Medicine, 1999, 189, 991-998.	4.2	1,311
89	A recombinant vaccinia virus based ELISPOT assay detects high frequencies of Pol-specific CD8 T cells in HIV-1-positive individuals. Aids, 1999, 13, 767-777.	1.0	206