Huimin Yan

List of Publications by Year
in descending order

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65 papers	1,727 citations	257101 24 h-index	329751 37 g-index
67 all docs	67 docs citations	67 times ranked	2359 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 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
3	Characteristics of Tâ€cell responses in COVIDâ€19 patients with prolonged SARSâ€CoVâ€2 positivity â€“ a cohort study. Clinical and Translational Immunology, 2021, 10, e1259.	1.7	17
4	Alterations in Phenotypes and Responses of T Cells Within 6ÂMonths of Recovery from COVID-19: A Cohort Study. Virologica Sinica, 2021, 36, 859-868.	1.2	13
5	Broad phenotypic alterations and potential dysfunction of lymphocytes in individuals clinically recovered from COVID-19. Journal of Molecular Cell Biology, 2021, 13, 197-209.	1.5	17
6	Mucosal epithelial cells: the initial sentinels and responders controlling and regulating immune responses to viral infections. Cellular and Molecular Immunology, 2021, 18, 1628-1630.	4.8	11
7	Development of a New Reverse Genetics System for Ebola Virus. MSphere, 2021, 6, .	1.3	8
8	Rapid isolation and immune profiling of SARS-CoV-2 specific memory B cell in convalescent COVID-19 patients via LIBRA-seq. Signal Transduction and Targeted Therapy, 2021, 6, 195.	7.1	45
9	A safe and effective mucosal RSV vaccine in mice consisting of RSV phosphoprotein and flagellin variant. Cell Reports, 2021, 36, 109401.	2.9	15
10	Rab11-FIP1 and Rab11-FIP5 Regulate pIgR/pIgA Transcytosis through TRIM21-Mediated Polyubiquitination. International Journal of Molecular Sciences, 2021, 22, 10466.	1.8	7
11	TLR5 activation in hepatocytes alleviates the functional suppression of intrahepatic CD8 + T cells. Immunology, 2020, 161, 325-344.	2.0	8
12	Longitudinal Characteristics of T Cell Responses in Asymptomatic SARS-CoV-2 Infection. Virologica Sinica, 2020, 35, 838-841.	1.2	11
13	Immunoglobulin A Targeting on the N-Terminal Moiety of Viral Phosphoprotein Prevents Measles Virus from Evading Interferon-Î² Signaling. ACS Infectious Diseases, 2020, 6, 844-856.	1.8	7
14	Genetic immunization against hepatitis B virus with calcium phosphate nanoparticles in vitro and in vivo. Acta Biomaterialia, 2020, 110, 254-265.	4.1	16
15	Activation of the TLR signaling pathway in CD8+ T cells counteracts liver endothelial cell-induced T cell tolerance. Cellular and Molecular Immunology, 2019, 16, 774-776.	4.8	10
16	TLR2 Stimulation Increases Cellular Metabolism in CD8+ T Cells and Thereby Enhances CD8+ T Cell Activation, Function, and Antiviral Activity. Journal of Immunology, 2019, 203, 2872-2886.	0.4	24
17	Monoclonal antibody against EV71 3Dpol inhibits the polymerase activity of RdRp and virus replication. BMC Immunology, 2019, 20, 6.	0.9	13
18	Advantages and Limitations of Integrated Flagellin Adjuvants for HIV-Based Nanoparticle B-Cell Vaccines. Pharmaceutics, 2019, 11, 204.	2.0	13

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19	IgA targeting on the Î±-molecular recognition element (Î±-MoRE) of viral phosphoprotein inhibits measles virus replication by interrupting formation and function of P-N complex intracellularly. Antiviral Research, 2019, 161, 144-153.	1.9	6
20	Improved immune response against HIV-1 Env antigen by enhancing EEV production via a K151E mutation in the A34R gene of replication-competent vaccinia virus Tiantan. Antiviral Research, 2018, 153, 49-59.	1.9	10
21	Sequence determinants of specific pattern-recognition of bacterial ligands by the NAIPâ€“NLRC4 inflammasome. Cell Discovery, 2018, 4, 22.	3.1	18
22	Frontline Science: Nasal epithelial GM-CSF contributes to TLR5-mediated modulation of airway dendritic cells and subsequent IgA response. Journal of Leukocyte Biology, 2017, 102, 575-587.	1.5	23
23	Flagellin: a unique microbe-associated molecular pattern and a multi-faceted immunomodulator. Cellular and Molecular Immunology, 2017, 14, 862-864.	4.8	14
24	Second-generation Flagellin-rPAc Fusion Protein, KFD2-rPAc, Shows High Protective Efficacy against Dental Caries with Low Potential Side Effects. Scientific Reports, 2017, 7, 11191.	1.6	15
25	TLR5: beyond the recognition of flagellin. Cellular and Molecular Immunology, 2017, 14, 1017-1019.	4.8	53
26	Nanoparticle-based B-cell targeting vaccines: Tailoring of humoral immune responses by functionalization with different TLR-ligands. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 173-182.	1.7	37
27	Activation of NLRC4 downregulates TLR5-mediated antibody immune responses against flagellin. Cellular and Molecular Immunology, 2016, 13, 514-523.	4.8	25
28	Flagellin-rPAc vaccine inhibits biofilm formation but not proliferation ofS. mutans. Human Vaccines and Immunotherapeutics, 2016, 12, 2847-2854.	1.4	11
29	Human Enterovirus 71 Protein Displayed on the Surface ofSaccharomyces cerevisiaeas an Oral Vaccine. Viral Immunology, 2016, 29, 288-295.	0.6	5
30	Can we selectively shut off immune responses?. Chinese Science Bulletin, 2016, 61, 2767-2771.	0.4	0
31	TLR ligand induced IL-6 counter-regulates the anti-viral CD8+ T cell response during an acute retrovirus infection. Scientific Reports, 2015, 5, 10501.	1.6	50
32	Over-activation of TLR5 signaling by high-dose flagellin induces liver injury in mice. Cellular and Molecular Immunology, 2015, 12, 729-742.	4.8	69
33	mTOR regulates TLR-induced c-fos and Th1 responses to HBV and HCV vaccines. Virologica Sinica, 2015, 30, 174-189.	1.2	18
34	Activation of NLRC4 downregulates TLR5-mediated antibody immune responses against flagellin. Cellular and Molecular Immunology, 2015, , .	4.8	0
35	EV71 infection correlates with viral IgG preexisting at pharyngo-laryngeal mucosa in children. Virologica Sinica, 2015, 30, 146-152.	1.2	2
36	Current status of immunomodulatory therapy in chronic hepatitis B, fifty years after discovery of the virus: Search for the â€œmagic bulletâ€•to kill cccDNA. Antiviral Research, 2015, 123, 193-203.	1.9	36

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37	Flagellins of <i>Salmonella</i> Typhi and Nonpathogenic <i>Escherichia coli</i> Are Differentially Recognized through the NLRC4 Pathway in Macrophages. Journal of Innate Immunity, 2014, 6, 47-57.	1.8	36
38	Calcium phosphate nanoparticles show an effective activation of the innate immune response in vitro and in vivo after functionalization with flagellin. Virologica Sinica, 2014, 29, 33-39.	1.2	24
39	Salivary IgA enhancement strategy for development of a nasal-spray anti-caries mucosal vaccine. Science China Life Sciences, 2013, 56, 406-413.	2.3	14
40	Antigen replacement of domains D2 and D3 in flagellin promotes mucosal IgA production and attenuates flagellin-induced inflammatory response after intranasal immunization. Human Vaccines and Immunotherapeutics, 2013, 9, 1084-1092.	1.4	31
41	Compromised NK Cell-Mediated Antibody-Dependent Cellular Cytotoxicity in Chronic SIV/SHIV Infection. PLoS ONE, 2013, 8, e56309.	1.1	11
42	Flagellin Enhances Saliva IgA Response and Protection of Anti-caries DNA Vaccine. Journal of Dental Research, 2012, 91, 249-254.	2.5	24
43	L-Selectin and P-Selectin Are Novel Biomarkers of Cervicovaginal Inflammation for Preclinical Mucosal Safety Assessment of Anti-HIV-1 Microbicide. Antimicrobial Agents and Chemotherapy, 2012, 56, 3121-3132.	1.4	11
44	Monoclonal Antibody That Blocks the Toll-Like Receptor 5 Binding Region of Flagellin. Hybridoma, 2012, 31, 60-62.	0.5	12
45	Flagellin-PAc Fusion Protein is a High-efficacy Anti-caries Mucosal Vaccine. Journal of Dental Research, 2012, 91, 941-947.	2.5	40
46	Anti-HIV-1 Activity of a New Scorpion Venom Peptide Derivative Kn2-7. PLoS ONE, 2012, 7, e34947.	1.1	59
47	Virucidal activity of a scorpion venom peptide variant mucroporin-M1 against measles, SARS-CoV and influenza H5N1 viruses. Peptides, 2011, 32, 1518-1525.	1.2	113
48	PIKA provides an adjuvant effect to induce strong mucosal and systemic humoral immunity against SARS-CoV. Virologica Sinica, 2011, 26, 81-94.	1.2	19
49	Matrix Protein-Specific IgA Antibody Inhibits Measles Virus Replication by Intracellular Neutralization. Journal of Virology, 2011, 85, 11090-11097.	1.5	27
50	Unpolarized Release of Vaccinia Virus and HIV Antigen by Colchicine Treatment Enhances Intranasal HIV Antigen Expression and Mucosal Humoral Responses. PLoS ONE, 2011, 6, e24296.	1.1	16
51	Recombinant flagellins with partial deletions of the hypervariable domain lose antigenicity but not mucosal adjuvancy. Biochemical and Biophysical Research Communications, 2010, 392, 582-587.	1.0	35
52	Effects of Different Immunization Protocols and Adjuvant on Antibody Responses to Inactivated SARS-CoV Vaccine. Viral Immunology, 2008, 21, 27-37.	0.6	27
53	Test for Detection of Disease-Associated Prion Aggregate in the Blood of Infected but Asymptomatic Animals. Vaccine Journal, 2007, 14, 36-43.	3.2	37
54	Aggregation of prion protein with insertion mutations is proportional to the number of inserts. Biochemical Journal, 2007, 403, 343-351.	1.7	24

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55	Immunoglobulin A antibodies against internal HIV-1 proteins neutralize HIV-1 replication inside epithelial cells. Virology, 2006, 356, 165-170.	1.1	32
56	Prion Proteins with Insertion Mutations Have Altered N-terminal Conformation and Increased Ligand Binding Activity and Are More Susceptible to Oxidative Attack. Journal of Biological Chemistry, 2006, 281, 10698-10705.	1.6	36
57	Isolation of Virus from a SARS Patient and Genome-wide Analysis of Genetic Mutations Related to Pathogenesis and Epidemiology from 47 SARS-CoV Isolates. Virus Genes, 2005, 30, 93-102.	0.7	43
58	Intraepithelial Cell Neutralization of HIV-1 Replication by IgA. Journal of Immunology, 2005, 174, 4828-4835.	0.4	71
59	SARS coronavirus induces apoptosis in Vero E6 Cells. Journal of Medical Virology, 2004, 73, 323-331.	2.5	93
60	Following the rule: formation of the 6-helix bundle of the fusion core from severe acute respiratory syndrome coronavirus spike protein and identification of potent peptide inhibitors. Biochemical and Biophysical Research Communications, 2004, 319, 283-288.	1.0	98
61	Multiple Functions of Immunoglobulin A in Mucosal Defense against Viruses: an In Vitro Measles Virus Model. Journal of Virology, 2002, 76, 10972-10979.	1.5	81
62	Cryopreserved Cell Monolayers for Rapid Detection of Herpes Simplex Virus and Influenza Virus. Journal of Clinical Microbiology, 2002, 40, 4301-4303.	1.8	12
63	CV-1 and MRC-5 mixed cells for simultaneous detection of herpes simplex viruses and varicella zoster virus in skin lesions. Journal of Clinical Virology, 2002, 24, 37-43.	1.6	20
64	Engineered BGMK Cells for Sensitive and Rapid Detection of Enteroviruses. Journal of Clinical Microbiology, 2002, 40, 366-371.	1.8	35
65	A Safe and Effective Mucosal RSV Vaccine Consisting of RSV Phosphoprotein and Flagellin Variant. SSRN Electronic Journal, 0, , .	0.4	0