Qinxue Hu

List of Publications by Year in descending order

87 papers	3,412 citations	159585 30 h-index	155660 55 g-index
94 all docs	94 docs citations	94 times ranked	4468 citing authors

#	Article	IF	Citations
1	Short-Term Instantaneous Prophylaxis and Efficient Treatment Against SARS-CoV-2 in hACE2 Mice Conferred by an Intranasal Nanobody (Nb22). Frontiers in Immunology, 2022, 13, 865401.	4.8	8
2	Human Norovirus Induces Aquaporin 1 Production by Activating NF-ÎºB Signaling Pathway. Viruses, 2022, 14, 842.	3.3	5
3	Molecular Epidemiology of SARS-CoV-2 by Sequencing. Methods in Molecular Biology, 2022, 2452, 19-32.	0.9	0
4	Fusion Proteins CLD and CLDmut Demonstrate Potent and Broad Neutralizing Activity against HIV-1. Viruses, 2022, 14, 1365.	3.3	1
5	A Bright Monomeric Near-Infrared Fluorescent Protein with an Excitation Peak at 633 nm for Labeling Cellular Protein and Reporting Proteinâ€“Protein Interaction. ACS Sensors, 2022, 7, 1855-1866.	7.8	1
6	HIV-1 viral cores enter the nucleus collectively through the nuclear endocytosis-like pathway. Science China Life Sciences, 2021, 64, 66-76.	4.9	11
7	Immune responses and residual SARS-CoV-2 in two critically ill COVID-19 patients before and after lung transplantation. Journal of Infection, 2021, 82, 84-123.	3.3	2
8	CCL28 mucosal expression in SARS-CoV-2-infected patients with diarrhea in relation to disease severity. Journal of Infection, 2021, 82, e19-e21.	3.3	11
9	Characterizing COVID-19 severity, epidemiology and SARS-CoV-2 genotypes in a regional business hub of China. Journal of Infection, 2021, 82, 282-327.	3.3	4
10	IgG Seroconversion and Pathophysiology in Severe Acute Respiratory Syndrome Coronavirus 2 Infection. Emerging Infectious Diseases, 2021, 27, 85-91.	4.3	35
11	CCL19 and CCL28 Assist Herpes Simplex Virus 2 Glycoprotein D To Induce Protective Systemic Immunity against Genital Viral Challenge. MSphere, 2021, 6, .	2.9	8
12	Herpes Simplex Virus Type 2 Glycoprotein D Inhibits NF-ÎºB Activation by Interacting with p65. Journal of Immunology, 2021, 206, 2852-2861.	0.8	2
13	Human Norovirus NTPase Antagonizes Interferon-Î² Production by Interacting With IκB Kinase Îµ. Frontiers in Microbiology, 2021, 12, 687933.	3.5	4
14	Advances in Human Norovirus Vaccine Research. Vaccines, 2021, 9, 732.	4.4	30
15	A potent bispecific nanobody protects hACE2 mice against SARS-CoV-2 infection via intranasal administration. Cell Reports, 2021, 37, 109869.	6.4	59
16	Herpes Simplex Virus Type 2 Inhibits Type I IFN Signaling Mediated by the Novel E3 Ubiquitin Protein Ligase Activity of Viral Protein ICP22. Journal of Immunology, 2020, 205, 1281-1292.	0.8	20
17	A Single Mutation in the VP1 Gene of Enterovirus 71 Enhances Viral Binding to Heparan Sulfate and Impairs Viral Pathogenicity in Mice. Viruses, 2020, 12, 883.	3.3	11
18	In vivo imaging of Zika virus reveals dynamics of viral invasion in immune-sheltered tissues and vertical propagation during pregnancy. Theranostics, 2020, 10, 6430-6447.	10.0	10

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19	HSV-2 Infection of Human Genital Epithelial Cells Upregulates TLR9 Expression Through the SP1/JNK Signaling Pathway. Frontiers in Immunology, 2020, 11, 356.	4.8	15
20	Characterization of Zika Virus Endocytic Pathways in Human Glioblastoma Cells. Frontiers in Microbiology, 2020, 11, 242.	3.5	34
21	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.	3.8	7
22	Zika virus promotes CCN1 expression via the CaMKIIÎ±-CREB pathway in astrocytes. Virulence, 2020, 11, 113-131.	4.4	10
23	Epidemiological, Clinical and Serological Characteristics of Children with Coronavirus Disease 2019 in Wuhan: A Single-centered, Retrospective Study. Virologica Sinica, 2020, 35, 861-867.	3.0	2
24	Self-assembled fluorescent Ce(â…¢) coordination polymer as ratiometric probe for HIV antigen detection. Analytica Chimica Acta, 2019, 1084, 116-122.	5.4	11
25	CCL19 and CCR7 Expression, Signaling Pathways, and Adjuvant Functions in Viral Infection and Prevention. Frontiers in Cell and Developmental Biology, 2019, 7, 212.	3.7	104
26	Antigenicity and immunogenicity of HIV-1 gp140 with different combinations of glycan mutation and V1/V2 region or V3 crown deletion. Vaccine, 2019, 37, 7501-7508.	3.8	5
27	Herpes Simplex Virus Type 2 Immediate Early Protein ICP27 Inhibits IFN-Î² Production in Mucosal Epithelial Cells by Antagonizing IRF3 Activation. Frontiers in Immunology, 2019, 10, 290.	4.8	23
28	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.	4.1	6
29	Herpes Simplex Virus Type 2 Infection-Induced Expression of CXCR3 Ligands Promotes CD4+ T Cell Migration and Is Regulated by the Viral Immediate-Early Protein ICP4. Frontiers in Immunology, 2018, 9, 2932.	4.8	16
30	ZIKV infection activates the IRE1-XBP1 and ATF6 pathways of unfolded protein response in neural cells. Journal of Neuroinflammation, 2018, 15, 275.	7.2	60
31	HSV-2 glycoprotein J promotes viral protein expression and virus spread. Virology, 2018, 525, 83-95.	2.4	3
32	Tick-Borne Encephalitis Virus Nonstructural Protein NS5 Induces RANTES Expression Dependent on the RNA-Dependent RNA Polymerase Activity. Journal of Immunology, 2018, 201, 53-68.	0.8	30
33	Penton base induces better protective immune responses than fiber and hexon as a subunit vaccine candidate against adenoviruses. Vaccine, 2018, 36, 4287-4297.	3.8	9
34	Zika Virus Attenuation by Codon Pair Deoptimization Induces Sterilizing Immunity in Mouse Models. Journal of Virology, 2018, 92, .	3.4	59
35	The 3C protease of enterovirus A71 counteracts the activity of host zinc-finger antiviral protein (ZAP). Journal of General Virology, 2018, 99, 73-85.	2.9	29
36	DC-SIGN promotes Japanese encephalitis virus transmission from dendritic cells to T cells via virological synapses. Virologica Sinica, 2017, 32, 495-502.	3.0	14

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37	Japanese encephalitis virus counteracts BST2 restriction via its envelope protein E. Virology, 2017, 510, 67-75.	2.4	9
38	Interaction between herpesvirus entry mediator and HSV-2 glycoproteins mediates HIV-1 entry of HSV-2-infected epithelial cells. Journal of General Virology, 2017, 98, 2351-2361.	2.9	13
39	HSV-2 glycoprotein gD targets the CC domain of tetherin and promotes tetherin degradation via lysosomal pathway. Virology Journal, 2016, 13, 154.	3.4	8
40	Human Bocavirus NS1 and NS1-70 Proteins Inhibit TNF-Î±-Mediated Activation of NF-ÎºB by targeting p65. Scientific Reports, 2016, 6, 28481.	3.3	18
41	Tick-borne encephalitis virus induces chemokine RANTES expression via activation of IRF-3 pathway. Journal of Neuroinflammation, 2016, 13, 209.	7.2	32
42	SUMO Modification Stabilizes Enterovirus 71 Polymerase 3D To Facilitate Viral Replication. Journal of Virology, 2016, 90, 10472-10485.	3.4	35
43	Real-Time Imaging of Single HIV-1 Disassembly with Multicolor Viral Particles. ACS Nano, 2016, 10, 6273-6282.	14.6	33
44	Isolation and characterization of a Far-Eastern strain of tick-borne encephalitis virus in China. Virus Research, 2016, 213, 6-10.	2.2	9
45	2C Proteins of Enteroviruses Suppress IKKÎ² Phosphorylation by Recruiting Protein Phosphatase 1. Journal of Virology, 2016, 90, 5141-5151.	3.4	40
46	Simultaneous Visualization of Parental and Progeny Viruses by a Capsid-Specific HaloTag Labeling Strategy. ACS Nano, 2016, 10, 1147-1155.	14.6	30
47	DC-SIGN as an attachment factor mediates Japanese encephalitis virus infection of human dendritic cells via interaction with a single high-mannose residue of viral E glycoprotein. Virology, 2016, 488, 108-119.	2.4	48
48	Immunization with HSV-2 gB-CCL19 Fusion Constructs Protects Mice against Lethal Vaginal Challenge. Journal of Immunology, 2015, 195, 329-338.	0.8	16
49	IFIT5 positively regulates NF-ÎºB signaling through synergizing the recruitment of IÎºB kinase (IKK) to TGF-Î²-activated kinase 1 (TAK1). Cellular Signalling, 2015, 27, 2343-2354.	3.6	36
50	Contribution of N-linked glycans on HSV-2 gB to cellâ€“cell fusion and viral entry. Virology, 2015, 483, 72-82.	2.4	33
51	InÂvivo study of immunogenicity and kinetic characteristics of a quantum dot-labelled baculovirus. Biomaterials, 2015, 64, 78-87.	11.4	6
52	HSV-2 Immediate-Early Protein US1 Inhibits IFN-Î² Production by Suppressing Association of IRF-3 with IFN-Î² Promoter. Journal of Immunology, 2015, 194, 3102-3115.	0.8	37
53	Inhibition of HIV-1 infection of primary CD4+ T-cells by gene editing of CCR5 using adenovirus-delivered CRISPR/Cas9. Journal of General Virology, 2015, 96, 2381-2393.	2.9	168
54	Tetherin restricts HSV-2 release and is counteracted by multiple viral glycoproteins. Virology, 2015, 475, 96-109.	2.4	23

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55	Sensitivity of transmitted and founder human immunodeficiency virus type 1 envelopes to carbohydrate-binding agents griffithsin, cyanovirin-N and Galanthus nivalis agglutinin. Journal of General Virology, 2015, 96, 3660-3666.	2.9	11
56	Binding of HIV-1 virions to Î±4Î²7 expressing cells and impact of antagonizing Î±4Î²7 on HIV-1 infection of primary CD4+ T cells. Virologica Sinica, 2014, 29, 381-392.	3.0	6
57	DC-SIGN plays a stronger role than DCIR in mediating HIV-1 capture and transfer. Virology, 2014, 458-459, 83-92.	2.4	22
58	Human Astrocytic Cells Support Persistent Coxsackievirus B3 Infection. Journal of Virology, 2013, 87, 12407-12421.	3.4	27
59	Self-biotinylation and site-specific double labeling of baculovirus using quantum dots for single-virus in-situ tracking. Biomaterials, 2013, 34, 7506-7518.	11.4	42
60	Human Bocavirus VP2 Upregulates IFN-Î² Pathway by Inhibiting Ring Finger Protein 125â€“Mediated Ubiquitination of Retinoic Acidâ€“Inducible Gene-I. Journal of Immunology, 2013, 191, 660-669.	0.8	28
61	Identification and characterization of complex dual nuclear localization signals in human bocavirus NP1. Journal of General Virology, 2013, 94, 1335-1342.	2.9	15
62	Encapsulating Quantum Dots into Enveloped Virus in Living Cells for Tracking Virus Infection. ACS Nano, 2013, 7, 3896-3904.	14.6	67
63	CCL19 and CCL28 Augment Mucosal and Systemic Immune Responses to HIV-1 gp140 by Mobilizing Responsive Immunocytes into Secondary Lymph Nodes and Mucosal Tissue. Journal of Immunology, 2013, 191, 1935-1947.	0.8	43
64	Bifunctional CD4â€“DC-SIGN Fusion Proteins Demonstrate Enhanced Avidity to gp120 and Inhibit HIV-1 Infection and Dissemination. Antimicrobial Agents and Chemotherapy, 2012, 56, 4640-4649.	3.2	23
65	Herpes Simplex Virus Type 2 Infection of Human Epithelial Cells Induces CXCL9 Expression and CD4+ T Cell Migration via Activation of p38-CCAAT/Enhancer-Binding Protein-Î² Pathway. Journal of Immunology, 2012, 188, 6247-6257.	0.8	54
66	H5N1 influenza virus-like particles produced by transient expression in mammalian cells induce humoral and cellular immune responses in mice. Canadian Journal of Microbiology, 2012, 58, 391-401.	1.7	5
67	Human Bocavirus NP1 Inhibits IFN-Î² Production by Blocking Association of IFN Regulatory Factor 3 with IFNB Promoter. Journal of Immunology, 2012, 189, 1144-1153.	0.8	55
68	Highly conserved HIV-1 gp120 glycans proximal to CD4-binding region affect viral infectivity and neutralizing antibody induction. Virology, 2012, 423, 97-106.	2.4	51
69	Aptamer beacons for visualization of endogenous protein HIV-1 reverse transcriptase in living cells. Biosensors and Bioelectronics, 2011, 28, 270-276.	10.1	31
70	Removal of two high-mannose N-linked glycans on gp120 renders human immunodeficiency virus 1 largely resistant to the carbohydrate-binding agent griffithsin. Journal of General Virology, 2011, 92, 2367-2373.	2.9	32
71	Enterovirus 71 2C Protein Inhibits TNF-Î±â€“Mediated Activation of NF-ÎºB by Suppressing IÎºB Kinase Î² Phosphorylation. Journal of Immunology, 2011, 187, 2202-2212.	0.8	74
72	Effect of mucosal and systemic immunization with virusâ€like particles of severe acute respiratory syndrome coronavirus in mice. Immunology, 2010, 130, 254-261.	4.4	84

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73	C-C chemokine receptor type 5 (CCR5) utilization of transmitted and early founder human immunodeficiency virus type 1 envelopes and sensitivity to small-molecule CCR5 inhibitors. Journal of General Virology, 2010, 91, 2965-2973.	2.9	15
74	The cysteine protease domain of porcine reproductive and respiratory syndrome virus non-structural protein 2 antagonizes interferon regulatory factor 3 activation. Journal of General Virology, 2010, 91, 2947-2958.	2.9	70
75	Cyanovirin-N potently inhibits human immunodeficiency virus type 1 infection in cellular and cervical explant models. Journal of General Virology, 2009, 90, 234-243.	2.9	79
76	Humoral and Cellular Immune Responses Induced by 3a DNA Vaccines against Severe Acute Respiratory Syndrome (SARS) or SARS-Like Coronavirus in Mice. Vaccine Journal, 2009, 16, 73-77.	3.1	30
77	Vaccination of mice with recombinant baculovirus expressing spike or nucleocapsid protein of SARS-like coronavirus generates humoral and cellular immune responses. Molecular Immunology, 2008, 45, 868-875.	2.2	32
78	Virus-Like Particles of SARS-Like Coronavirus Formed by Membrane Proteins from Different Origins Demonstrate Stimulating Activity in Human Dendritic Cells. PLoS ONE, 2008, 3, e2685.	2.5	45
79	In vitro anti-HIV and -HSV activity and safety of sodium rutin sulfate as a microbicide candidate. Antiviral Research, 2007, 75, 227-233.	4.1	81
80	High-mannose-specific deglycosylation of HIV-1 gp120 induced by resistance to cyanovirin-N and the impact on antibody neutralization. Virology, 2007, 368, 145-154.	2.4	65
81	Novel antiviral agents targeting HIV entry and transmission. Virologica Sinica, 2007, 22, 451-461.	3.0	0
82	Pertussis Toxin and Its Binding Unit Inhibit HIVâ€1 Infection of Human Cervical Tissue and Macrophages Involving a CD14 Pathway. Journal of Infectious Diseases, 2006, 194, 1547-1556.	4.0	13
83	Protection of macaques from vaginal SHIV challenge by vaginally delivered inhibitors of virusâ€“cell fusion. Nature, 2005, 438, 99-102.	27.8	302
84	Restricted Variable Residues in the C-terminal Segment of HIV-1 V3 Loop Regulate the Molecular Anatomy of CCR5 Utilization. Journal of Molecular Biology, 2005, 350, 699-712.	4.2	37
85	Blockade of Attachment and Fusion Receptors Inhibits HIV-1 Infection of Human Cervical Tissue. Journal of Experimental Medicine, 2004, 199, 1065-1075.	8.5	217
86	Prevention of virus transmission to macaque monkeys by a vaginally applied monoclonal antibody to HIV-1 gp120. Nature Medicine, 2003, 9, 343-346.	30.7	453
87	A Potent Bispecific Nanobody Protects hACE2 Mice Against SARS-CoV-2 Infection via Intranasal Administration. SSRN Electronic Journal, 0, , .	0.4	2