

Qinxue Hu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4595269/publications.pdf>

Version: 2024-02-01

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	Prevention of virus transmission to macaque monkeys by a vaginally applied monoclonal antibody to HIV-1 gp120. <i>Nature Medicine</i> , 2003, 9, 343-346.	30.7	453
2	Protection of macaques from vaginal SHIV challenge by vaginally delivered inhibitors of virus-cell fusion. <i>Nature</i> , 2005, 438, 99-102.	27.8	302
3	Blockade of Attachment and Fusion Receptors Inhibits HIV-1 Infection of Human Cervical Tissue. <i>Journal of Experimental Medicine</i> , 2004, 199, 1065-1075.	8.5	217
4	Inhibition of HIV-1 infection of primary CD4+ T-cells by gene editing of CCR5 using adenovirus-delivered CRISPR/Cas9. <i>Journal of General Virology</i> , 2015, 96, 2381-2393.	2.9	168
5	CCL19 and CCR7 Expression, Signaling Pathways, and Adjuvant Functions in Viral Infection and Prevention. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 212.	3.7	104
6	Effect of mucosal and systemic immunization with virus-like particles of severe acute respiratory syndrome coronavirus in mice. <i>Immunology</i> , 2010, 130, 254-261.	4.4	84
7	In vitro anti-HIV and -HSV activity and safety of sodium rutin sulfate as a microbicide candidate. <i>Antiviral Research</i> , 2007, 75, 227-233.	4.1	81
8	Cyanovirin-N potently inhibits human immunodeficiency virus type 1 infection in cellular and cervical explant models. <i>Journal of General Virology</i> , 2009, 90, 234-243.	2.9	79
9	Enterovirus 71 2C Protein Inhibits TNF- α -Mediated Activation of NF- κ B by Suppressing I κ B Kinase β Phosphorylation. <i>Journal of Immunology</i> , 2011, 187, 2202-2212.	0.8	74
10	The cysteine protease domain of porcine reproductive and respiratory syndrome virus non-structural protein 2 antagonizes interferon regulatory factor 3 activation. <i>Journal of General Virology</i> , 2010, 91, 2947-2958.	2.9	70
11	Encapsulating Quantum Dots into Enveloped Virus in Living Cells for Tracking Virus Infection. <i>ACS Nano</i> , 2013, 7, 3896-3904.	14.6	67
12	High-mannose-specific deglycosylation of HIV-1 gp120 induced by resistance to cyanovirin-N and the impact on antibody neutralization. <i>Virology</i> , 2007, 368, 145-154.	2.4	65
13	ZIKV infection activates the IRE1-XBP1 and ATF6 pathways of unfolded protein response in neural cells. <i>Journal of Neuroinflammation</i> , 2018, 15, 275.	7.2	60
14	Zika Virus Attenuation by Codon Pair Deoptimization Induces Sterilizing Immunity in Mouse Models. <i>Journal of Virology</i> , 2018, 92, .	3.4	59
15	A potent bispecific nanobody protects hACE2 mice against SARS-CoV-2 infection via intranasal administration. <i>Cell Reports</i> , 2021, 37, 109869.	6.4	59
16	Human Bocavirus NP1 Inhibits IFN- β Production by Blocking Association of IFN Regulatory Factor 3 with IFN β Promoter. <i>Journal of Immunology</i> , 2012, 189, 1144-1153.	0.8	55
17	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- β Pathway. <i>Journal of Immunology</i> , 2012, 188, 6247-6257.	0.8	54
18	Highly conserved HIV-1 gp120 glycans proximal to CD4-binding region affect viral infectivity and neutralizing antibody induction. <i>Virology</i> , 2012, 423, 97-106.	2.4	51

#	ARTICLE	IF	CITATIONS
19	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. <i>Virology</i> , 2016, 488, 108-119.	2.4	48
20	Virus-Like Particles of SARS-Like Coronavirus Formed by Membrane Proteins from Different Origins Demonstrate Stimulating Activity in Human Dendritic Cells. <i>PLoS ONE</i> , 2008, 3, e2685.	2.5	45
21	CCL19 and CCL28 Augment Mucosal and Systemic Immune Responses to HIV-1 gp140 by Mobilizing Responsive Immunocytes into Secondary Lymph Nodes and Mucosal Tissue. <i>Journal of Immunology</i> , 2013, 191, 1935-1947.	0.8	43
22	Self-biotinylation and site-specific double labeling of baculovirus using quantum dots for single-virus in-situ tracking. <i>Biomaterials</i> , 2013, 34, 7506-7518.	11.4	42
23	2C Proteins of Enteroviruses Suppress IKK β Phosphorylation by Recruiting Protein Phosphatase 1. <i>Journal of Virology</i> , 2016, 90, 5141-5151.	3.4	40
24	Restricted Variable Residues in the C-terminal Segment of HIV-1 V3 Loop Regulate the Molecular Anatomy of CCR5 Utilization. <i>Journal of Molecular Biology</i> , 2005, 350, 699-712.	4.2	37
25	HSV-2 Immediate-Early Protein US1 Inhibits IFN- β Production by Suppressing Association of IRF-3 with IFN- β Promoter. <i>Journal of Immunology</i> , 2015, 194, 3102-3115.	0.8	37
26	IFIT5 positively regulates NF- κ B signaling through synergizing the recruitment of κ B kinase (IKK) to TGF- β -activated kinase 1 (TAK1). <i>Cellular Signalling</i> , 2015, 27, 2343-2354.	3.6	36
27	SUMO Modification Stabilizes Enterovirus 71 Polymerase 3D To Facilitate Viral Replication. <i>Journal of Virology</i> , 2016, 90, 10472-10485.	3.4	35
28	IgG Seroconversion and Pathophysiology in Severe Acute Respiratory Syndrome Coronavirus 2 Infection. <i>Emerging Infectious Diseases</i> , 2021, 27, 85-91.	4.3	35
29	Characterization of Zika Virus Endocytic Pathways in Human Glioblastoma Cells. <i>Frontiers in Microbiology</i> , 2020, 11, 242.	3.5	34
30	Contribution of N-linked glycans on HSV-2 gB to cell-cell fusion and viral entry. <i>Virology</i> , 2015, 483, 72-82.	2.4	33
31	Real-Time Imaging of Single HIV-1 Disassembly with Multicolor Viral Particles. <i>ACS Nano</i> , 2016, 10, 6273-6282.	14.6	33
32	Vaccination of mice with recombinant baculovirus expressing spike or nucleocapsid protein of SARS-like coronavirus generates humoral and cellular immune responses. <i>Molecular Immunology</i> , 2008, 45, 868-875.	2.2	32
33	Removal of two high-mannose N-linked glycans on gp120 renders human immunodeficiency virus 1 largely resistant to the carbohydrate-binding agent griffithsin. <i>Journal of General Virology</i> , 2011, 92, 2367-2373.	2.9	32
34	Tick-borne encephalitis virus induces chemokine RANTES expression via activation of IRF-3 pathway. <i>Journal of Neuroinflammation</i> , 2016, 13, 209.	7.2	32
35	Aptamer beacons for visualization of endogenous protein HIV-1 reverse transcriptase in living cells. <i>Biosensors and Bioelectronics</i> , 2011, 28, 270-276.	10.1	31
36	Humoral and Cellular Immune Responses Induced by 3a DNA Vaccines against Severe Acute Respiratory Syndrome (SARS) or SARS-Like Coronavirus in Mice. <i>Vaccine Journal</i> , 2009, 16, 73-77.	3.1	30

#	ARTICLE	IF	CITATIONS
37	Simultaneous Visualization of Parental and Progeny Viruses by a Capsid-Specific HaloTag Labeling Strategy. <i>ACS Nano</i> , 2016, 10, 1147-1155.	14.6	30
38	Tick-Borne Encephalitis Virus Nonstructural Protein NS5 Induces RANTES Expression Dependent on the RNA-Dependent RNA Polymerase Activity. <i>Journal of Immunology</i> , 2018, 201, 53-68.	0.8	30
39	Advances in Human Norovirus Vaccine Research. <i>Vaccines</i> , 2021, 9, 732.	4.4	30
40	The 3C protease of enterovirus A71 counteracts the activity of host zinc-finger antiviral protein (ZAP). <i>Journal of General Virology</i> , 2018, 99, 73-85.	2.9	29
41	Human Bocavirus VP2 Upregulates IFN- β Pathway by Inhibiting Ring Finger Protein 125-Mediated Ubiquitination of Retinoic Acid-Inducible Gene-1. <i>Journal of Immunology</i> , 2013, 191, 660-669.	0.8	28
42	Human Astrocytic Cells Support Persistent Coxsackievirus B3 Infection. <i>Journal of Virology</i> , 2013, 87, 12407-12421.	3.4	27
43	Bifunctional CD4-DC-SIGN Fusion Proteins Demonstrate Enhanced Avidity to gp120 and Inhibit HIV-1 Infection and Dissemination. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4640-4649.	3.2	23
44	Tetherin restricts HSV-2 release and is counteracted by multiple viral glycoproteins. <i>Virology</i> , 2015, 475, 96-109.	2.4	23
45	Herpes Simplex Virus Type 2 Immediate Early Protein ICP27 Inhibits IFN- β Production in Mucosal Epithelial Cells by Antagonizing IRF3 Activation. <i>Frontiers in Immunology</i> , 2019, 10, 290.	4.8	23
46	DC-SIGN plays a stronger role than DCIR in mediating HIV-1 capture and transfer. <i>Virology</i> , 2014, 458-459, 83-92.	2.4	22
47	Herpes Simplex Virus Type 2 Inhibits Type I IFN Signaling Mediated by the Novel E3 Ubiquitin Protein Ligase Activity of Viral Protein ICP22. <i>Journal of Immunology</i> , 2020, 205, 1281-1292.	0.8	20
48	Human Bocavirus NS1 and NS1-70 Proteins Inhibit TNF- α -Mediated Activation of NF- κ B by targeting p65. <i>Scientific Reports</i> , 2016, 6, 28481.	3.3	18
49	Immunization with HSV-2 gB-CCL19 Fusion Constructs Protects Mice against Lethal Vaginal Challenge. <i>Journal of Immunology</i> , 2015, 195, 329-338.	0.8	16
50	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. <i>Frontiers in Immunology</i> , 2018, 9, 2932.	4.8	16
51	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. <i>Journal of General Virology</i> , 2010, 91, 2965-2973.	2.9	15
52	Identification and characterization of complex dual nuclear localization signals in human bocavirus NP1. <i>Journal of General Virology</i> , 2013, 94, 1335-1342.	2.9	15
53	HSV-2 Infection of Human Genital Epithelial Cells Upregulates TLR9 Expression Through the SP1/JNK Signaling Pathway. <i>Frontiers in Immunology</i> , 2020, 11, 356.	4.8	15
54	DC-SIGN promotes Japanese encephalitis virus transmission from dendritic cells to T cells via virological synapses. <i>Virologica Sinica</i> , 2017, 32, 495-502.	3.0	14

#	ARTICLE	IF	CITATIONS
55	Pertussis Toxin and Its Binding Unit Inhibit HIV-1 Infection of Human Cervical Tissue and Macrophages Involving a CD14 Pathway. <i>Journal of Infectious Diseases</i> , 2006, 194, 1547-1556.	4.0	13
56	Interaction between herpesvirus entry mediator and HSV-2 glycoproteins mediates HIV-1 entry of HSV-2-infected epithelial cells. <i>Journal of General Virology</i> , 2017, 98, 2351-2361.	2.9	13
57	Self-assembled fluorescent Ce(IV) coordination polymer as ratiometric probe for HIV antigen detection. <i>Analytica Chimica Acta</i> , 2019, 1084, 116-122.	5.4	11
58	A Single Mutation in the VP1 Gene of Enterovirus 71 Enhances Viral Binding to Heparan Sulfate and Impairs Viral Pathogenicity in Mice. <i>Viruses</i> , 2020, 12, 883.	3.3	11
59	HIV-1 viral cores enter the nucleus collectively through the nuclear endocytosis-like pathway. <i>Science China Life Sciences</i> , 2021, 64, 66-76.	4.9	11
60	CCL28 mucosal expression in SARS-CoV-2-infected patients with diarrhea in relation to disease severity. <i>Journal of Infection</i> , 2021, 82, e19-e21.	3.3	11
61	Sensitivity of transmitted and founder human immunodeficiency virus type 1 envelopes to carbohydrate-binding agents griffithsin, cyanovirin-N and Galanthus nivalis agglutinin. <i>Journal of General Virology</i> , 2015, 96, 3660-3666.	2.9	11
62	<i>In vivo</i> imaging of Zika virus reveals dynamics of viral invasion in immune-sheltered tissues and vertical propagation during pregnancy. <i>Theranostics</i> , 2020, 10, 6430-6447.	10.0	10
63	Zika virus promotes CCN1 expression via the CaMKII β -CREB pathway in astrocytes. <i>Virulence</i> , 2020, 11, 113-131.	4.4	10
64	Isolation and characterization of a Far-Eastern strain of tick-borne encephalitis virus in China. <i>Virus Research</i> , 2016, 213, 6-10.	2.2	9
65	Japanese encephalitis virus counteracts BST2 restriction via its envelope protein E. <i>Virology</i> , 2017, 510, 67-75.	2.4	9
66	Penton base induces better protective immune responses than fiber and hexon as a subunit vaccine candidate against adenoviruses. <i>Vaccine</i> , 2018, 36, 4287-4297.	3.8	9
67	HSV-2 glycoprotein gD targets the CC domain of tetherin and promotes tetherin degradation via lysosomal pathway. <i>Virology Journal</i> , 2016, 13, 154.	3.4	8
68	CCL19 and CCL28 Assist Herpes Simplex Virus 2 Glycoprotein D To Induce Protective Systemic Immunity against Genital Viral Challenge. <i>MSphere</i> , 2021, 6, .	2.9	8
69	Short-Term Instantaneous Prophylaxis and Efficient Treatment Against SARS-CoV-2 in hACE2 Mice Conferred by an Intranasal Nanobody (Nb22). <i>Frontiers in Immunology</i> , 2022, 13, 865401.	4.8	8
70	Immunoglobulin A Targeting on the N-Terminal Moiety of Viral Phosphoprotein Prevents Measles Virus from Evading Interferon- β Signaling. <i>ACS Infectious Diseases</i> , 2020, 6, 844-856.	3.8	7
71	Binding of HIV-1 virions to CXCR4-expressing cells and impact of antagonizing CXCR4 on HIV-1 infection of primary CD4 ⁺ T cells. <i>Virologica Sinica</i> , 2014, 29, 381-392.	3.0	6
72	<i>In vivo</i> study of immunogenicity and kinetic characteristics of a quantum dot-labelled baculovirus. <i>Biomaterials</i> , 2015, 64, 78-87.	11.4	6

#	ARTICLE	IF	CITATIONS
73	IgA targeting on the $\hat{I}\pm$ -molecular recognition element ($\hat{I}\pm$ -MoRE) of viral phosphoprotein inhibits measles virus replication by interrupting formation and function of P-N complex intracellularly. <i>Antiviral Research</i> , 2019, 161, 144-153.	4.1	6
74	H5N1 influenza virus-like particles produced by transient expression in mammalian cells induce humoral and cellular immune responses in mice. <i>Canadian Journal of Microbiology</i> , 2012, 58, 391-401.	1.7	5
75	Antigenicity and immunogenicity of HIV-1 gp140 with different combinations of glycan mutation and V1/V2 region or V3 crown deletion. <i>Vaccine</i> , 2019, 37, 7501-7508.	3.8	5
76	Human Norovirus Induces Aquaporin 1 Production by Activating NF- \hat{I} B Signaling Pathway. <i>Viruses</i> , 2022, 14, 842.	3.3	5
77	Characterizing COVID-19 severity, epidemiology and SARS-CoV-2 genotypes in a regional business hub of China. <i>Journal of Infection</i> , 2021, 82, 282-327.	3.3	4
78	Human Norovirus NTPase Antagonizes Interferon- \hat{I}^2 Production by Interacting With I \hat{k} B Kinase $\hat{I}\mu$. <i>Frontiers in Microbiology</i> , 2021, 12, 687933.	3.5	4
79	HSV-2 glycoprotein J promotes viral protein expression and virus spread. <i>Virology</i> , 2018, 525, 83-95.	2.4	3
80	Immune responses and residual SARS-CoV-2 in two critically ill COVID-19 patients before and after lung transplantation. <i>Journal of Infection</i> , 2021, 82, 84-123.	3.3	2
81	Herpes Simplex Virus Type 2 Glycoprotein D Inhibits NF- \hat{I} B Activation by Interacting with p65. <i>Journal of Immunology</i> , 2021, 206, 2852-2861.	0.8	2
82	A Potent Bispecific Nanobody Protects hACE2 Mice Against SARS-CoV-2 Infection via Intranasal Administration. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
83	Epidemiological, Clinical and Serological Characteristics of Children with Coronavirus Disease 2019 in Wuhan: A Single-centered, Retrospective Study. <i>Virologica Sinica</i> , 2020, 35, 861-867.	3.0	2
84	Fusion Proteins CLD and CLDmut Demonstrate Potent and Broad Neutralizing Activity against HIV-1. <i>Viruses</i> , 2022, 14, 1365.	3.3	1
85	A Bright Monomeric Near-Infrared Fluorescent Protein with an Excitation Peak at 633 nm for Labeling Cellular Protein and Reporting Protein-Protein Interaction. <i>ACS Sensors</i> , 2022, 7, 1855-1866.	7.8	1
86	Novel antiviral agents targeting HIV entry and transmission. <i>Virologica Sinica</i> , 2007, 22, 451-461.	3.0	0
87	Molecular Epidemiology of SARS-CoV-2 by Sequencing. <i>Methods in Molecular Biology</i> , 2022, 2452, 19-32.	0.9	0