

# Hin Chu

## List of Publications by Citations

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121  
papers

14,113  
citations

39  
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140  
ext. papers

19,137  
ext. citations

12.8  
avg, IF

6.97  
L-index

#	Paper	IF	Citations
121	A familial cluster of pneumonia associated with the 2019 novel coronavirus indicating person-to-person transmission: a study of a family cluster. <i>Lancet, The</i> , <b>2020</b> , 395, 514-523	40	5219
120	Genomic characterization of the 2019 novel human-pathogenic coronavirus isolated from a patient with atypical pneumonia after visiting Wuhan. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 221-236	18.9	1681
119	Simulation of the Clinical and Pathological Manifestations of Coronavirus Disease 2019 (COVID-19) in a Golden Syrian Hamster Model: Implications for Disease Pathogenesis and Transmissibility. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, 2428-2446	11.6	537
118	Treatment With Lopinavir/Ritonavir or Interferon- $\beta$ Improves Outcome of MERS-CoV Infection in a Nonhuman Primate Model of Common Marmoset. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 1904-13	7	483
117	Comparative Replication and Immune Activation Profiles of SARS-CoV-2 and SARS-CoV in Human Lungs: An Ex Vivo Study With Implications for the Pathogenesis of COVID-19. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, 1400-1409	11.6	431
116	Comparative tropism, replication kinetics, and cell damage profiling of SARS-CoV-2 and SARS-CoV with implications for clinical manifestations, transmissibility, and laboratory studies of COVID-19: an observational study. <i>Lancet Microbe, The</i> , <b>2020</b> , 1, e14-e23	22.2	415
115	Surgical Mask Partition Reduces the Risk of Noncontact Transmission in a Golden Syrian Hamster Model for Coronavirus Disease 2019 (COVID-19). <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, 2139-2149	11.6	310
114	Middle East Respiratory Syndrome Coronavirus Efficiently Infects Human Primary T Lymphocytes and Activates the Extrinsic and Intrinsic Apoptosis Pathways. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 213, 904-14	7	285
113	Infection of bat and human intestinal organoids by SARS-CoV-2. <i>Nature Medicine</i> , <b>2020</b> , 26, 1077-1083	50.5	285
112	Active replication of Middle East respiratory syndrome coronavirus and aberrant induction of inflammatory cytokines and chemokines in human macrophages: implications for pathogenesis. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 209, 1331-42	7	285
111	SARS-CoV-2 nsp13, nsp14, nsp15 and orf6 function as potent interferon antagonists. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 1418-1428	18.9	249
110	Human intestinal tract serves as an alternative infection route for Middle East respiratory syndrome coronavirus. <i>Science Advances</i> , <b>2017</b> , 3, eaao4966	14.3	248
109	Striking Antibody Evasion Manifested by the Omicron Variant of SARS-CoV-2.. <i>Nature</i> , <b>2021</b> ,	50.4	227
108	Attenuated SARS-CoV-2 variants with deletions at the S1/S2 junction. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 837-842	18.9	181
107	Characterization of the Lipidomic Profile of Human Coronavirus-Infected Cells: Implications for Lipid Metabolism Remodeling upon Coronavirus Replication. <i>Viruses</i> , <b>2019</b> , 11,	6.2	150
106	SARS-CoV-2 infects human neural progenitor cells and brain organoids. <i>Cell Research</i> , <b>2020</b> , 30, 928-931	24.7	143
105	Differentiated human airway organoids to assess infectivity of emerging influenza virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 6822-6827	11.5	127

104	SREBP-dependent lipidomic reprogramming as a broad-spectrum antiviral target. <i>Nature Communications</i> , <b>2019</b> , 10, 120	17.4	125
103	Identification of TMPRSS2 as a Susceptibility Gene for Severe 2009 Pandemic A(H1N1) Influenza and A(H7N9) Influenza. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 1214-21	7	123
102	Productive replication of Middle East respiratory syndrome coronavirus in monocyte-derived dendritic cells modulates innate immune response. <i>Virology</i> , <b>2014</b> , 454-455, 197-205	3.6	122
101	Middle East respiratory syndrome coronavirus and bat coronavirus HKU9 both can utilize GRP78 for attachment onto host cells. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 11709-11726	5.4	114
100	MERS coronavirus induces apoptosis in kidney and lung by upregulating Smad7 and FGF2. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16004	26.6	112
99	Air and environmental sampling for SARS-CoV-2 around hospitalized patients with coronavirus disease 2019 (COVID-19). <i>Infection Control and Hospital Epidemiology</i> , <b>2020</b> , 41, 1258-1265	2	99
98	Attenuated Interferon and Proinflammatory Response in SARS-CoV-2-Infected Human Dendritic Cells Is Associated With Viral Antagonism of STAT1 Phosphorylation. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 222, 734-745	7	96
97	A novel peptide with potent and broad-spectrum antiviral activities against multiple respiratory viruses. <i>Scientific Reports</i> , <b>2016</b> , 6, 22008	4.9	93
96	Antibody evasion properties of SARS-CoV-2 Omicron sublineages.. <i>Nature</i> , <b>2022</b> ,	50.4	88
95	1899. The Cellular Kinase Inhibitor OSU-03012 Inhibits Enterovirus 71 In Vitro. <i>Open Forum Infectious Diseases</i> , <b>2018</b> , 5, S545-S545	1	78
94	Attenuated replication and pathogenicity of SARS-CoV-2 B.1.1.529 Omicron.. <i>Nature</i> , <b>2022</b> ,	50.4	70
93	Host and viral determinants for efficient SARS-CoV-2 infection of the human lung. <i>Nature Communications</i> , <b>2021</b> , 12, 134	17.4	63
92	Rab11-FIP1C and Rab14 direct plasma membrane sorting and particle incorporation of the HIV-1 envelope glycoprotein complex. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003278	7.6	62
91	Oral SARS-CoV-2 Inoculation Establishes Subclinical Respiratory Infection with Virus Shedding in Golden Syrian Hamsters. <i>Cell Reports Medicine</i> , <b>2020</b> , 1, 100121	18	61
90	Clofazimine broadly inhibits coronaviruses including SARS-CoV-2. <i>Nature</i> , <b>2021</b> , 593, 418-423	50.4	61
89	Middle East respiratory syndrome coronavirus infection: virus-host cell interactions and implications on pathogenesis. <i>Virology Journal</i> , <b>2015</b> , 12, 218	6.1	60
88	Severe Acute Respiratory Syndrome Coronavirus 2 Infects and Damages the Mature and Immature Olfactory Sensory Neurons of Hamsters. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e503-e512	11.6	59
87	Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5 Is an Important Surface Attachment Factor That Facilitates Entry of Middle East Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , <b>2016</b> , 90, 9114-27	6.6	56

86	Tetherin/BST-2 is essential for the formation of the intracellular virus-containing compartment in HIV-infected macrophages. <i>Cell Host and Microbe</i> , <b>2012</b> , 12, 360-72	23.4	54
85	A broad-spectrum virus- and host-targeting peptide against respiratory viruses including influenza virus and SARS-CoV-2. <i>Nature Communications</i> , <b>2020</b> , 11, 4252	17.4	53
84	Coinfection by Severe Acute Respiratory Syndrome Coronavirus 2 and Influenza A(H1N1)pdm09 Virus Enhances the Severity of Pneumonia in Golden Syrian Hamsters. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 72, e978-e992	11.6	47
83	Competing endogenous RNA network profiling reveals novel host dependency factors required for MERS-CoV propagation. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 733-746	18.9	39
82	Discovery of the FDA-approved drugs bexarotene, cetilistat, diiodohydroxyquinoline, and abiraterone as potential COVID-19 treatments with a robust two-tier screening system. <i>Pharmacological Research</i> , <b>2020</b> , 159, 104960	10.2	38
81	ROCK1 and LIM kinase modulate retrovirus particle release and cell-cell transmission events. <i>Journal of Virology</i> , <b>2014</b> , 88, 6906-21	6.6	37
80	The intracellular virus-containing compartments in primary human macrophages are largely inaccessible to antibodies and small molecules. <i>PLoS ONE</i> , <b>2012</b> , 7, e35297	3.7	36
79	A novel small-molecule inhibitor of influenza A virus acts by suppressing PA endonuclease activity of the viral polymerase. <i>Scientific Reports</i> , <b>2016</b> , 6, 22880	4.9	35
78	Identification of a small-molecule inhibitor of influenza virus via disrupting the subunits interaction of the viral polymerase. <i>Antiviral Research</i> , <b>2016</b> , 125, 34-42	10.8	35
77	Cross-protection of influenza A virus infection by a DNA aptamer targeting the PA endonuclease domain. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 4082-93	5.9	34
76	Broad-Spectrum Host-Based Antivirals Targeting the Interferon and Lipogenesis Pathways as Potential Treatment Options for the Pandemic Coronavirus Disease 2019 (COVID-19). <i>Viruses</i> , <b>2020</b> , 12,	6.2	34
75	Emerging SARS-CoV-2 variants expand species tropism to murines. <i>EBioMedicine</i> , <b>2021</b> , 73, 103643	8.8	34
74	Functional variants regulating LGALS1 (Galectin 1) expression affect human susceptibility to influenza A(H7N9). <i>Scientific Reports</i> , <b>2015</b> , 5, 8517	4.9	33
73	The tetherin/BST-2 coiled-coil ectodomain mediates plasma membrane microdomain localization and restriction of particle release. <i>Journal of Virology</i> , <b>2012</b> , 86, 2259-72	6.6	30
72	Human immunodeficiency virus type-1 gag and host vesicular trafficking pathways. <i>Current Topics in Microbiology and Immunology</i> , <b>2009</b> , 339, 67-84	3.3	30
71	Differential immune activation profile of SARS-CoV-2 and SARS-CoV infection in human lung and intestinal cells: Implications for treatment with IFN- $\beta$ and IFN inducer. <i>Journal of Infection</i> , <b>2020</b> , 81, e1-e10	18.9	29
70	Hemagglutinin of influenza A virus binds specifically to cell surface nucleolin and plays a role in virus internalization. <i>Virology</i> , <b>2016</b> , 494, 78-88	3.6	29
69	Beneficial effect of combinational methylprednisolone and remdesivir in hamster model of SARS-CoV-2 infection. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 291-304	18.9	29

68	Dual-functional peptide with defective interfering genes effectively protects mice against avian and seasonal influenza. <i>Nature Communications</i> , <b>2018</b> , 9, 2358	17.4	28
67	A tyrosine-based motif in the HIV-1 envelope glycoprotein tail mediates cell-type- and Rab11-FIP1C-dependent incorporation into virions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 7575-80	11.5	27
66	A novel small-molecule compound disrupts influenza A virus PB2 cap-binding and inhibits viral replication. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2016</b> , 71, 2489-97	5.1	26
65	SARS-CoV-2 Induces a More Robust Innate Immune Response and Replicates Less Efficiently Than SARS-CoV in the Human Intestines: An Ex Vivo Study With Implications on Pathogenesis of COVID-19. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2021</b> , 11, 771-781	7.9	26
64	Striking antibody evasion manifested by the Omicron variant of SARS-CoV-2. <i>Nature</i> ,	50.4	25
63	Activation of C-Type Lectin Receptor and (RIG)-I-Like Receptors Contributes to Proinflammatory Response in Middle East Respiratory Syndrome Coronavirus-Infected Macrophages. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 221, 647-659	7	24
62	PB2 substitutions V598T/I increase the virulence of H7N9 influenza A virus in mammals. <i>Virology</i> , <b>2017</b> , 501, 92-101	3.6	22
61	Targeting highly pathogenic coronavirus-induced apoptosis reduces viral pathogenesis and disease severity. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	22
60	The celecoxib derivative kinase inhibitor AR-12 (OSU-03012) inhibits Zika virus via down-regulation of the PI3K/Akt pathway and protects Zika virus-infected A129 mice: A host-targeting treatment strategy. <i>Antiviral Research</i> , <b>2018</b> , 160, 38-47	10.8	22
59	Antibody-Dependent Cell-Mediated Cytotoxicity Epitopes on the Hemagglutinin Head Region of Pandemic H1N1 Influenza Virus Play Detrimental Roles in H1N1-Infected Mice. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 317	8.4	21
58	Viruses harness Yxx motif to interact with host AP2M1 for replication: A vulnerable broad-spectrum antiviral target. <i>Science Advances</i> , <b>2020</b> , 6, eaba7910	14.3	18
57	Suppression of SARS-CoV-2 infection in ex-vivo human lung tissues by targeting class III phosphoinositide 3-kinase. <i>Journal of Medical Virology</i> , <b>2021</b> , 93, 2076-2083	19.7	18
56	Human coronavirus dependency on host heat shock protein 90 reveals an antiviral target. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 2663-2672	18.9	17
55	Lipidomic Profiling Reveals Significant Perturbations of Intracellular Lipid Homeostasis in Enterovirus-Infected Cells. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	17
54	Intravenous injection of COVID-19 mRNA vaccine can induce acute myopericarditis in mouse model. <i>Clinical Infectious Diseases</i> , <b>2021</b> ,	11.6	17
53	Amino acid substitutions V63I or A37S/I61T/V63I/V100A in the PA N-terminal domain increase the virulence of H7N7 influenza A virus. <i>Scientific Reports</i> , <b>2016</b> , 6, 37800	4.9	16
52	Discovery and high prevalence of Phasi Charoen-like virus in field-captured <i>Aedes aegypti</i> in South China. <i>Virology</i> , <b>2018</b> , 523, 35-40	3.6	16
51	Placental Hofbauer cells assemble and sequester HIV-1 in tetraspanin-positive compartments that are accessible to broadly neutralizing antibodies. <i>Journal of the International AIDS Society</i> , <b>2015</b> , 18, 1938 <sup>54</sup>	5.4	16

50	Avian influenza virus A H7N9 infects multiple mononuclear cell types in peripheral blood and induces dysregulated cytokine responses and apoptosis in infected monocytes. <i>Journal of General Virology</i> , <b>2017</b> , 98, 922-934	4.9	16
49	Targeting SUMO Modification of the Non-Structural Protein 5 of Zika Virus as a Host-Targeting Antiviral Strategy. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
48	Prostaglandin E2-Mediated Impairment of Innate Immune Response to A(H1N1)pdm09 Infection in Diet-Induced Obese Mice Could Be Restored by Paracetamol. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 219, 795-807	7	14
47	H7N9 influenza A virus activation of necroptosis in human monocytes links innate and adaptive immune responses. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 442	9.8	13
46	Identification of a novel small-molecule compound targeting the influenza A virus polymerase PB1-PB2 interface. <i>Antiviral Research</i> , <b>2017</b> , 137, 58-66	10.8	12
45	Identification and characterization of GLDC as host susceptibility gene to severe influenza. <i>EMBO Molecular Medicine</i> , <b>2019</b> , 11,	12	12
44	Screening of an FDA-Approved Drug Library with a Two-Tier System Identifies an Entry Inhibitor of Severe Fever with Thrombocytopenia Syndrome Virus. <i>Viruses</i> , <b>2019</b> , 11,	6.2	11
43	Superhydrophobicity preventing surface contamination as a novel strategy against COVID-19. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 600, 613-619	9.3	11
42	Human Intestinal Organoids Recapitulate Enteric Infections of Enterovirus and Coronavirus. <i>Stem Cell Reports</i> , <b>2021</b> , 16, 493-504	8	10
41	Novel residues in the PA protein of avian influenza H7N7 virus affect virulence in mammalian hosts. <i>Virology</i> , <b>2016</b> , 498, 1-8	3.6	9
40	Targeting the Inositol-Requiring Enzyme-1 Pathway Efficiently Reverts Zika Virus-Induced Neurogenesis and Spermatogenesis Marker Perturbations. <i>ACS Infectious Diseases</i> , <b>2020</b> , 6, 1745-1758	5.5	8
39	Large-scale sequence analysis reveals novel human-adaptive markers in PB2 segment of seasonal influenza A viruses. <i>Emerging Microbes and Infections</i> , <b>2018</b> , 7, 47	18.9	8
38	Clofazimine is a broad-spectrum coronavirus inhibitor that antagonizes SARS-CoV-2 replication in primary human cell culture and hamsters <b>2020</b> ,		8
37	Berbamine inhibits SARS-CoV-2 infection by compromising TRPMLs-mediated endolysosomal trafficking of ACE2. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 168	21	8
36	Absence of Vaccine-enhanced Disease With Unexpected Positive Protection Against severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) by Inactivated Vaccine Given Within 3 Days of Virus Challenge in Syrian Hamster Model. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e719-e734	11.6	8
35	Peptide-based pan-CoV fusion inhibitors maintain high potency against SARS-CoV-2 Omicron variant.. <i>Cell Research</i> , <b>2022</b> ,	24.7	6
34	The SARS-CoV-2 Omicron (B.1.1.529) variant exhibits altered pathogenicity, transmissibility, and fitness in the golden Syrian hamster model		6
33	Peptide-Mediated Interference of PB2-eIF4G1 Interaction Inhibits Influenza A Viruses Replication in Vitro and in Vivo. <i>ACS Infectious Diseases</i> , <b>2016</b> , 2, 471-7	5.5	5



32	PEXFlnS: An Integrative Post-GWAS Explorer for Functional Indels and SNPs. <i>Scientific Reports</i> , <b>2015</b> , 5, 17302	4.9	5
31	Isolation and comparative analysis of antibodies that broadly neutralize sarbecoviruses		5
30	structure-based discovery of a SARS-CoV-2 main protease inhibitor. <i>International Journal of Biological Sciences</i> , <b>2021</b> , 17, 1555-1564	11.2	5
29	Low Environmental Temperature Exacerbates Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Golden Syrian Hamsters. <i>Clinical Infectious Diseases</i> , <b>2021</b> ,	11.6	5
28	An orally available M inhibitor is effective against wild-type SARS-CoV-2 and variants including Omicron.. <i>Nature Microbiology</i> , <b>2022</b> , 7, 716-725	26.6	5
27	A novel mutation, D404N, in the connection subdomain of reverse transcriptase of HIV-1 CRF08_BC subtype confers cross-resistance to NNRTIs. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2015</b> , 70, 1381-90	5.1	4
26	Development of Three-Dimensional Human Intestinal Organoids as a Physiologically Relevant Model for Characterizing the Viral Replication Kinetics and Antiviral Susceptibility of Enteroviruses. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	4
25	PAN substitutions A37S, A37S/I61T and A37S/V63I attenuate the replication of H7N7 influenza A virus by impairing the polymerase and endonuclease activities. <i>Journal of General Virology</i> , <b>2017</b> , 98, 364-373	4.9	3
24	Metabolic Profiling Reveals Significant Perturbations of Intracellular Glucose Homeostasis in -Infected Cells. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	3
23	Novel Mutations L228I and Y232H Cause Nonnucleoside Reverse Transcriptase Inhibitor Resistance in Combinational Pattern. <i>AIDS Research and Human Retroviruses</i> , <b>2016</b> , 32, 909-17	1.6	3
22	Probable Animal-to-Human Transmission of SARS-CoV-2 Delta Variant AY.127 Causing a Pet Shop-Related COVID-19 Outbreak in Hong Kong.. <i>Clinical Infectious Diseases</i> , <b>2022</b> ,	11.6	3
21	An antibody class with a common CDRH3 motif broadly neutralizes sarbecoviruses.. <i>Science Translational Medicine</i> , <b>2022</b> , 14, eabn6859	17.5	3
20	Phosphorylation of the nucleocapsid protein of Hantaan virus by casein kinase II. <i>Journal of Microbiology</i> , <b>2015</b> , 53, 343-7	3	2
19	Repurposing of Miltefosine as an Adjuvant for Influenza Vaccine. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	2
18	A novel linker-immunodominant site (LIS) vaccine targeting the SARS-CoV-2 spike protein protects against severe COVID-19 in Syrian hamsters. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 874-884	18.9	2
17	Adenosine synthase A contributes to recurrent Staphylococcus aureus infection by dampening protective immunity. <i>EBioMedicine</i> , <b>2021</b> , 70, 103505	8.8	2
16	Targeting papain-like protease for broad-spectrum coronavirus inhibition.. <i>Protein and Cell</i> , <b>2022</b> , 1	7.2	2
15	SARS-CoV-2 infection induces inflammatory bone loss in golden Syrian hamsters.. <i>Nature Communications</i> , <b>2022</b> , 13, 2539	17.4	2

14	Computation of Antigenicity Predicts SARS-CoV-2 Vaccine Breakthrough Variants		1
13	Age-associated SARS-CoV-2 breakthrough infection and changes in immune response in mouse model.. <i>Emerging Microbes and Infections</i> , <b>2022</b> , 1-36	18.9	1
12	hnRNP C modulates MERS-CoV and SARS-CoV-2 replication by governing the expression of a subset of circRNAs and cognitive mRNAs.. <i>Emerging Microbes and Infections</i> , <b>2022</b> , 1-39	18.9	1
11	SARS-CoV-2 exploits host DGAT and ADRP for efficient replication. <i>Cell Discovery</i> , <b>2021</b> , 7, 100	22.3	1
10	A lethal mouse model using a mouse-adapted SARS-CoV-2 strain with enhanced binding to mouse ACE2 as an important platform for COVID-19 research. <i>EBioMedicine</i> , <b>2021</b> , 68, 103406	8.8	1
9	Establishment of a lethal aged mouse model of human respiratory syncytial virus infection. <i>Antiviral Research</i> , <b>2019</b> , 161, 125-133	10.8	1
8	Intradermal vaccination of live attenuated influenza vaccine protects mice against homologous and heterologous influenza challenges. <i>Npj Vaccines</i> , <b>2021</b> , 6, 95	9.5	1
7	SPINK6 inhibits human airway serine proteases and restricts influenza virus activation. <i>EMBO Molecular Medicine</i> , <b>2021</b> , e14485	12	0
6	STAT2-dependent restriction of Zika virus by human macrophages but not dendritic cells. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 1024-1037	18.9	0
5	A stark difference in the profiles of defective viral transcripts between SARS-CoV-2 and SARS-CoV. <i>Journal of Infection</i> , <b>2021</b> , 83, 381-412	18.9	0
4	Severe fever with thrombocytopenia syndrome virus (SFTSV)-host interactome screen identifies viral nucleoprotein-associated host factors as potential antiviral targets. <i>Computational and Structural Biotechnology Journal</i> , <b>2021</b> , 19, 5568-5577	6.8	0
3	Computation of Antigenicity Predicts SARS-CoV-2 Vaccine Breakthrough Variants.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 861050	8.4	0
2	Pathogenicity of SARS-CoV-2 Omicron.. <i>Clinical and Translational Medicine</i> , <b>2022</b> , 12, e880	5.7	0
1	Pathogenicity of SARS-CoV-2 Omicron BA.1.1 in hamsters.. <i>EBioMedicine</i> , <b>2022</b> , 80, 104035	8.8	0