

Kwok-Yong Yuen

List of Publications by Year in descending order

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Version: 2024-02-01

872
papers

112,666
citations

558

126
h-index

270

297
g-index

912
all docs

912
docs citations

912
times ranked

118607
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Treatment of High-Risk Hospitalized Coronavirus Disease 2019 (COVID-19) Patients With a Combination of Interferon Beta-1b and Remdesivir: A Phase 2 Open-label Randomized Controlled Trial. <i>Clinical Infectious Diseases</i> , 2023, 76, e216-e226.	5.8	15
2	Air dispersal of respiratory viruses other than severe acute respiratory coronavirus virus 2 (SARS-CoV-2) and the implication on hospital infection control. <i>Infection Control and Hospital Epidemiology</i> , 2023, 44, 768-773.	1.8	5
3	Impact of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Variant-Associated Receptor Binding Domain (RBD) Mutations on the Susceptibility to Serum Antibodies Elicited by Coronavirus Disease 2019 (COVID-19) Infection or Vaccination. <i>Clinical Infectious Diseases</i> , 2022, 74, 1623-1630.	5.8	42
4	Intravenous Injection of Coronavirus Disease 2019 (COVID-19) mRNA Vaccine Can Induce Acute Myopericarditis in Mouse Model. <i>Clinical Infectious Diseases</i> , 2022, 74, 1933-1950.	5.8	58
5	Low Environmental Temperature Exacerbates Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Golden Syrian Hamsters. <i>Clinical Infectious Diseases</i> , 2022, 75, e1101-e1111.	5.8	17
6	False Coronavirus Disease 2019 Cases due to Contamination by Inactivated Virus Vaccine. <i>Clinical Infectious Diseases</i> , 2022, 74, 1485-1488.	5.8	6
7	Hepatitis E Virus Species C Infection in Humans, Hong Kong. <i>Clinical Infectious Diseases</i> , 2022, 75, 288-296.	5.8	45
8	A monoclonal antibody that neutralizes SARS-CoV-2 variants, SARS-CoV, and other sarbecoviruses. <i>Emerging Microbes and Infections</i> , 2022, 11, 147-157.	6.5	25
9	SPINK6 inhibits human airway serine proteases and restricts influenza virus activation. <i>EMBO Molecular Medicine</i> , 2022, 14, e14485.	6.9	5
10	Epidemiology of Acute Myocarditis/Pericarditis in Hong Kong Adolescents Following Comirnaty Vaccination. <i>Clinical Infectious Diseases</i> , 2022, 75, 673-681.	5.8	88
11	Orally administered bismuth drug together with <i>N</i> -acetyl cysteine as a broad-spectrum anti-coronavirus cocktail therapy. <i>Chemical Science</i> , 2022, 13, 2238-2248.	7.4	19
12	Omicron variant susceptibility to neutralizing antibodies induced in children by natural SARS-CoV-2 infection or COVID-19 vaccine. <i>Emerging Microbes and Infections</i> , 2022, 11, 543-547.	6.5	57
13	Attenuated replication and pathogenicity of SARS-CoV-2 B.1.1.529 Omicron. <i>Nature</i> , 2022, 603, 693-699.	27.8	460
14	Pyoderma gangrenosum with pulmonary involvement: a pulmonary special report and literature review. <i>Expert Review of Respiratory Medicine</i> , 2022, 16, 149-159.	2.5	4
15	Peptide-based pan-CoV fusion inhibitors maintain high potency against SARS-CoV-2 Omicron variant. <i>Cell Research</i> , 2022, 32, 404-406.	12.0	31
16	Nasal prevention of SARS-CoV-2 infection by intranasal influenza-based boost vaccination in mouse models. <i>EBioMedicine</i> , 2022, 75, 103762.	6.1	32
17	Age-associated SARS-CoV-2 breakthrough infection and changes in immune response in a mouse model. <i>Emerging Microbes and Infections</i> , 2022, 11, 368-383.	6.5	33
18	Vaccine-breakthrough infection by the SARS-CoV-2 omicron variant elicits broadly cross-reactive immune responses. <i>Clinical and Translational Medicine</i> , 2022, 12, e720.	4.0	30

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19	Transmission of Omicron (B.1.1.529) - SARS-CoV-2 Variant of Concern in a designated quarantine hotel for travelers: a challenge of elimination strategy of COVID-19. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 18, 100360.	2.9	60
20	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> , 2022, 11, 519-531.	6.5	8
21	SARS-CoV-2 Omicron variant shows less efficient replication and fusion activity when compared with Delta variant in TMPRSS2-expressed cells. <i>Emerging Microbes and Infections</i> , 2022, 11, 277-283.	6.5	308
22	Gastrointestinal colonization of methicillin-resistant <i>Staphylococcus aureus</i> : an unrecognized burden upon hospital infection control. <i>Journal of Hospital Infection</i> , 2022, 121, 65-74.	2.9	9
23	Co-circulation of two SARS-CoV-2 variant strains within imported pet hamsters in Hong Kong. <i>Emerging Microbes and Infections</i> , 2022, 11, 689-698.	6.5	42
24	Striking antibody evasion manifested by the Omicron variant of SARS-CoV-2. <i>Nature</i> , 2022, 602, 676-681.	27.8	1,038
25	Neutralization of Severe Acute Respiratory Syndrome Coronavirus 2 Omicron Variant by Sera From BNT162b2 or CoronaVac Vaccine Recipients. <i>Clinical Infectious Diseases</i> , 2022, 75, e822-e826.	5.8	322
26	Multiplex metal-detection based assay (MMDA) for COVID-19 diagnosis and identification of disease severity biomarkers. <i>Chemical Science</i> , 2022, 13, 3216-3226.	7.4	5
27	A pan-sarbecovirus vaccine induces highly potent and durable neutralizing antibody responses in non-human primates against SARS-CoV-2 Omicron variant. <i>Cell Research</i> , 2022, 32, 495-497.	12.0	24
28	Probable Animal-to-Human Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Delta Variant AY.127 Causing a Pet Shop-Related Coronavirus Disease 2019 (COVID-19) Outbreak in Hong Kong. <i>Clinical Infectious Diseases</i> , 2022, 75, e76-e81.	5.8	20
29	A nasal omicron vaccine booster elicits potent neutralizing antibody response against emerging SARS-CoV-2 variants. <i>Emerging Microbes and Infections</i> , 2022, 11, 964-967.	6.5	12
30	Correlation of Immunogenicity and Reactogenicity of BNT162b2 and CoronaVac SARS-CoV-2 Vaccines. <i>MSphere</i> , 2022, 7, e0091521.	2.9	9
31	Antibody evasion properties of SARS-CoV-2 Omicron sublineages. <i>Nature</i> , 2022, 604, 553-556.	27.8	649
32	Computation of Antigenicity Predicts SARS-CoV-2 Vaccine Breakthrough Variants. <i>Frontiers in Immunology</i> , 2022, 13, 861050.	4.8	8
33	Rapid Spread of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Omicron Subvariant BA.2 in a Single-Source Community Outbreak. <i>Clinical Infectious Diseases</i> , 2022, 75, e44-e49.	5.8	66
34	Fusion-inhibition peptide broadly inhibits influenza virus and SARS-CoV-2, including Delta and Omicron variants. <i>Emerging Microbes and Infections</i> , 2022, 11, 926-937.	6.5	16
35	A Palmitic Acid-Conjugated, Peptide-Based pan-CoV Fusion Inhibitor Potently Inhibits Infection of SARS-CoV-2 Omicron and Other Variants of Concern. <i>Viruses</i> , 2022, 14, 549.	3.3	13
36	Waning immune responses against SARS-CoV-2 variants of concern among vaccinees in Hong Kong. <i>EBioMedicine</i> , 2022, 77, 103904.	6.1	93

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37	Animal models in SARS-CoV-2 research. <i>Nature Methods</i> , 2022, 19, 392-394.	19.0	51
38	Targeting papain-like protease for broad-spectrum coronavirus inhibition. <i>Protein and Cell</i> , 2022, 13, 940-953.	11.0	23
39	Interferon-gamma inhibits influenza A virus cellular attachment by reducing sialic acid cluster size. <i>IScience</i> , 2022, 25, 104037.	4.1	10
40	Air dispersal of meticillin-resistant <i>Staphylococcus aureus</i> in residential care homes for the elderly: implications for transmission during the COVID-19 pandemic. <i>Journal of Hospital Infection</i> , 2022, 123, 52-60.	2.9	7
41	Boosting of serum neutralizing activity against the Omicron variant among recovered COVID-19 patients by BNT162b2 and CoronaVac vaccines. <i>EBioMedicine</i> , 2022, 79, 103986.	6.1	23
42	Broad-spectrum Respiratory Virus Entry Inhibitors. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1366, 137-153.	1.6	2
43	Intranasal administration of a single dose of a candidate live attenuated vaccine derived from an NSP16-deficient SARS-CoV-2 strain confers sterilizing immunity in animals. , 2022, 19, 588-601.		27
44	An antibody class with a common CDRH3 motif broadly neutralizes sarbecoviruses. <i>Science Translational Medicine</i> , 2022, 14, eabn6859.	12.4	31
45	<i>Bacillus Calmette-Guérin</i> induced trained immunity protects against SARS-CoV-2 challenge in K18-hACE2 mice. <i>JCI Insight</i> , 2022, 7, .	5.0	29
46	An orally available Mpro inhibitor is effective against wild-type SARS-CoV-2 and variants including Omicron. <i>Nature Microbiology</i> , 2022, 7, 716-725.	13.3	62
47	Pathogenicity of SARS-CoV-2 Omicron. <i>Clinical and Translational Medicine</i> , 2022, 12, e880.	4.0	12
48	SARS-CoV-2 infection induces inflammatory bone loss in golden Syrian hamsters. <i>Nature Communications</i> , 2022, 13, 2539.	12.8	22
49	Decreased Antibiotic Consumption Coincided with Reduction in Bacteremia Caused by Bacterial Species with Respiratory Transmission Potential during the COVID-19 Pandemic. <i>Antibiotics</i> , 2022, 11, 746.	3.7	12
50	Response to Evidence in favor of the essentiality of human cell membrane-bound ACE2 and against soluble ACE2 for SARS-CoV-2 infectivity. <i>Cell</i> , 2022, 185, 1840-1841.	28.9	3
51	Explosive outbreak of SARS-CoV-2 Omicron variant is associated with vertical transmission in high-rise residential buildings in Hong Kong. <i>Building and Environment</i> , 2022, 221, 109323.	6.9	13
52	Pathogenicity, transmissibility, and fitness of SARS-CoV-2 Omicron in Syrian hamsters. <i>Science</i> , 2022, 377, 428-433.	12.6	113
53	Contribution of low population immunity to the severe Omicron BA.2 outbreak in Hong Kong. <i>Nature Communications</i> , 2022, 13, .	12.8	45
54	A bipotential organoid model of respiratory epithelium recapitulates high infectivity of SARS-CoV-2 Omicron variant. <i>Cell Discovery</i> , 2022, 8, .	6.7	28

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55	A broadly neutralizing antibody protects Syrian hamsters against SARS-CoV-2 Omicron challenge. <i>Nature Communications</i> , 2022, 13, .	12.8	22
56	A trifunctional peptide broadly inhibits SARS-CoV-2 Delta and Omicron variants in hamsters. <i>Cell Discovery</i> , 2022, 8, .	6.7	7
57	Subinhibitory Concentrations of Antibiotics Exacerbate Staphylococcal Infection by Inducing Bacterial Virulence. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	5
58	The impact of personal coaching on influenza vaccination among healthcare workers before and during COVID-19 pandemic. <i>Vaccine</i> , 2022, , .	3.8	1
59	Severe Acute Respiratory Syndrome Coronavirus 2 Infects and Damages the Mature and Immature Olfactory Sensory Neurons of Hamsters. <i>Clinical Infectious Diseases</i> , 2021, 73, e503-e512.	5.8	106
60	Unique Clusters of Severe Acute Respiratory Syndrome Coronavirus 2 Causing a Large Coronavirus Disease 2019 Outbreak in Hong Kong. <i>Clinical Infectious Diseases</i> , 2021, 73, 137-142.	5.8	39
61	Coronavirus Disease 2019 (COVID-19) Re-infection by a Phylogenetically Distinct Severe Acute Respiratory Syndrome Coronavirus 2 Strain Confirmed by Whole Genome Sequencing. <i>Clinical Infectious Diseases</i> , 2021, 73, e2946-e2951.	5.8	647
62	Intra-host non-synonymous diversity at a neutralizing antibody epitope of SARS-CoV-2 spike protein N-terminal domain. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1350.e1-1350.e5.	6.0	20
63	A Double-blind, Randomized Phase 2 Controlled Trial of Intradermal Hepatitis B Vaccination With a Topical Toll-like Receptor 7 Agonist Imiquimod, in Patients on Dialysis. <i>Clinical Infectious Diseases</i> , 2021, 73, e304-e311.	5.8	20
64	Natural Transmission of Bat-like Severe Acute Respiratory Syndrome Coronavirus 2 Without Proline-Arginine-Arginine-Alanine Variants in Coronavirus Disease 2019 Patients. <i>Clinical Infectious Diseases</i> , 2021, 73, e437-e444.	5.8	62
65	Transmission of Rat Hepatitis E Virus Infection to Humans in Hong Kong: A Clinical and Epidemiological Analysis. <i>Hepatology</i> , 2021, 73, 10-22.	7.3	121
66	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> , 2021, 11, 771-781.	4.5	41
67	Absence of nosocomial influenza and respiratory syncytial virus infection in the coronavirus disease 2019 (COVID-19) era: Implication of universal masking in hospitals. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 218-221.	1.8	45
68	Detection of SARS-CoV-2 in conjunctival secretions from patients without ocular symptoms. <i>Infection</i> , 2021, 49, 257-265.	4.7	37
69	Serum Antibody Profile of a Patient With Coronavirus Disease 2019 Reinfection. <i>Clinical Infectious Diseases</i> , 2021, 72, e659-e662.	5.8	50
70	Beneficial effect of combinational methylprednisolone and remdesivir in hamster model of SARS-CoV-2 infection. <i>Emerging Microbes and Infections</i> , 2021, 10, 291-304.	6.5	48
71	Isolation of MERS-related coronavirus from lesser bamboo bats that uses DPP4 and infects human-DPP4-transgenic mice. <i>Nature Communications</i> , 2021, 12, 216.	12.8	20
72	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> , 2021, 73, e719-e734.	5.8	16

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73	<i>In silico</i> structure-based discovery of a SARS-CoV-2 main protease inhibitor. International Journal of Biological Sciences, 2021, 17, 1555-1564.	6.4	12
74	Molecular Evolution of Human Coronavirus 229E in Hong Kong and a Fatal COVID-19 Case Involving Coinfection with a Novel Human Coronavirus 229E Genogroup. MSphere, 2021, 6, .	2.9	13
75	Clofazimine broadly inhibits coronaviruses including SARS-CoV-2. Nature, 2021, 593, 418-423.	27.8	151
76	Host-derived lipids orchestrate pulmonary γ T cell response to provide early protection against influenza virus infection. Nature Communications, 2021, 12, 1914.	12.8	22
77	Cross-linking peptide and repurposed drugs inhibit both entry pathways of SARS-CoV-2. Nature Communications, 2021, 12, 1517.	12.8	43
78	Human Intestinal Organoids Recapitulate Enteric Infections of Enterovirus and Coronavirus. Stem Cell Reports, 2021, 16, 493-504.	4.8	38
79	Soluble ACE2-mediated cell entry of SARS-CoV-2 via interaction with proteins related to the renin-angiotensin system. Cell, 2021, 184, 2212-2228.e12.	28.9	216
80	Robust SARS-CoV-2 infection in nasal turbinates after treatment with systemic neutralizing antibodies. Cell Host and Microbe, 2021, 29, 551-563.e5.	11.0	87
81	A novel linker-immunodominant site (LIS) vaccine targeting the SARS-CoV-2 spike protein protects against severe COVID-19 in Syrian hamsters. Emerging Microbes and Infections, 2021, 10, 874-884.	6.5	11
82	IFCC interim guidelines on rapid point-of-care antigen testing for SARS-CoV-2 detection in asymptomatic and symptomatic individuals. Clinical Chemistry and Laboratory Medicine, 2021, 59, 1507-1515.	2.3	37
83	Discovery of a Novel Specific Inhibitor Targeting Influenza A Virus Nucleoprotein with Pleiotropic Inhibitory Effects on Various Steps of the Viral Life Cycle. Journal of Virology, 2021, 95, .	3.4	14
84	A new class of α -ketoamide derivatives with potent anticancer and anti-SARS-CoV-2 activities. European Journal of Medicinal Chemistry, 2021, 215, 113267.	5.5	13
85	Clinical Characteristics and Transmission of COVID-19 in Children and Youths During 3 Waves of Outbreaks in Hong Kong. JAMA Network Open, 2021, 4, e218824.	5.9	48
86	Characterization of an attenuated SARS-CoV-2 variant with a deletion at the S1/S2 junction of the spike protein. Nature Communications, 2021, 12, 2790.	12.8	26
87	Mining of linear B cell epitopes of SARS-CoV-2 ORF8 protein from COVID-19 patients. Emerging Microbes and Infections, 2021, 10, 1016-1023.	6.5	11
88	Phylogenomic analysis of COVID-19 summer and winter outbreaks in Hong Kong: An observational study. The Lancet Regional Health - Western Pacific, 2021, 10, 100130.	2.9	26
89	Neurosensory Rehabilitation and Olfactory Network Recovery in Covid-19-Related Olfactory Dysfunction. Brain Sciences, 2021, 11, 686.	2.3	11
90	Multimodal investigation of rat hepatitis E virus antigenicity: Implications for infection, diagnostics, and vaccine efficacy. Journal of Hepatology, 2021, 74, 1315-1324.	3.7	29

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91	Mammalian cells use the autophagy process to restrict avian influenza virus replication. <i>Cell Reports</i> , 2021, 35, 109213.	6.4	17
92	Targeting highly pathogenic coronavirus-induced apoptosis reduces viral pathogenesis and disease severity. <i>Science Advances</i> , 2021, 7, .	10.3	48
93	Inhaled Dry Powder Formulation of Tamibarotene, a Broad-Spectrum Antiviral against Respiratory Viruses Including SARS-CoV-2 and Influenza Virus. <i>Advanced Therapeutics</i> , 2021, 4, 2100059.	3.2	12
94	Potent and protective IGHV3-53/3-66 public antibodies and their shared escape mutant on the spike of SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 4210.	12.8	82
95	Intradermal vaccination of live attenuated influenza vaccine protects mice against homologous and heterologous influenza challenges. <i>Npj Vaccines</i> , 2021, 6, 95.	6.0	6
96	Adenosine synthase A contributes to recurrent <i>Staphylococcus aureus</i> infection by dampening protective immunity. <i>EBioMedicine</i> , 2021, 70, 103505.	6.1	11
97	The impact of spike N501Y mutation on neutralizing activity and RBD binding of SARS-CoV-2 convalescent serum. <i>EBioMedicine</i> , 2021, 71, 103544.	6.1	38
98	Low dose inocula of SARS-CoV-2 Alpha variant transmits more efficiently than earlier variants in hamsters. <i>Communications Biology</i> , 2021, 4, 1102.	4.4	20
99	Variants of SARS Coronavirus-2 and Their Potential Impact on the Future of the COVID-19 Pandemic. <i>Zoonoses</i> , 2021, 1, .	1.1	3
100	Performance of a Surrogate SARS-CoV-2-Neutralizing Antibody Assay in Natural Infection and Vaccination Samples. <i>Diagnostics</i> , 2021, 11, 1757.	2.6	27
101	Paired heavy- and light-chain signatures contribute to potent SARS-CoV-2 neutralization in public antibody responses. <i>Cell Reports</i> , 2021, 37, 109771.	6.4	38
102	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> , 2021, 19, 5568-5577.	4.1	3
103	Host and viral determinants for efficient SARS-CoV-2 infection of the human lung. <i>Nature Communications</i> , 2021, 12, 134.	12.8	112
104	Lessons learned 1 year after SARS-CoV-2 emergence leading to COVID-19 pandemic. <i>Emerging Microbes and Infections</i> , 2021, 10, 507-535.	6.5	202
105	Infection control challenges in setting up community isolation and treatment facilities for patients with coronavirus disease 2019 (COVID-19): Implementation of directly observed environmental disinfection. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 1037-1045.	1.8	31
106	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> , 2021, 72, e978-e992.	5.8	84
107	SARS-CoV-2 exploits host DGAT and ADRP for efficient replication. <i>Cell Discovery</i> , 2021, 7, 100.	6.7	29
108	In Silico Structure-Based Design of Antiviral Peptides Targeting the Severe Fever with Thrombocytopenia Syndrome Virus Glycoprotein Gn. <i>Viruses</i> , 2021, 13, 2047.	3.3	0

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109	Emerging SARS-CoV-2 variants expand species tropism to murines. <i>EBioMedicine</i> , 2021, 73, 103643.	6.1	127
110	Identification and Evaluation of Recombinant Outer Membrane Proteins as Vaccine Candidates Against <i>Klebsiella pneumoniae</i> . <i>Frontiers in Immunology</i> , 2021, 12, 730116.	4.8	7
111	A global call for talaromycosis to be recognised as a neglected tropical disease. <i>The Lancet Global Health</i> , 2021, 9, e1618-e1622.	6.3	52
112	ACE2-like carboxypeptidase B38-CAP protects from SARS-CoV-2-induced lung injury. <i>Nature Communications</i> , 2021, 12, 6791.	12.8	32
113	Correlation between Commercial Anti-RBD IgG Titer and Neutralization Titer against SARS-CoV-2 Beta Variant. <i>Diagnostics</i> , 2021, 11, 2216.	2.6	6
114	Assessment of SARS-CoV-2 Immunity in Convalescent Children and Adolescents. <i>Frontiers in Immunology</i> , 2021, 12, 797919.	4.8	13
115	In-House Immunofluorescence Assay for Detection of SARS-CoV-2 Antigens in Cells from Nasopharyngeal Swabs as a Diagnostic Method for COVID-19. <i>Diagnostics</i> , 2021, 11, 2346.	2.6	3
116	Evaluation of an Antigen Detection Rapid Diagnostic Test for Detection of SARS-CoV-2 in Clinical Samples. <i>Covid</i> , 2021, 1, 775-783.	1.5	2
117	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> , 2020, 221, 647-659.	4.0	43
118	Development and evaluation of a conventional RT-PCR for differentiating emerging influenza B/Victoria lineage viruses with hemagglutinin amino acid deletion from B/Yamagata lineage viruses. <i>Journal of Medical Virology</i> , 2020, 92, 382-385.	5.0	25
119	Prophage exotoxins enhance colonization fitness in epidemic scarlet fever-causing <i>Streptococcus pyogenes</i> . <i>Nature Communications</i> , 2020, 11, 5018.	12.8	35
120	Oral SARS-CoV-2 Inoculation Establishes Subclinical Respiratory Infection with Virus Shedding in Golden Syrian Hamsters. <i>Cell Reports Medicine</i> , 2020, 1, 100121.	6.5	121
121	Persistent lentivirus infection induces early myeloid suppressor cells expansion to subvert protective memory CD8 T cell response. <i>EBioMedicine</i> , 2020, 60, 103008.	6.1	6
122	Discovery of SARS-CoV-2 antiviral drugs through large-scale compound repurposing. <i>Nature</i> , 2020, 586, 113-119.	27.8	672
123	Accurate Diagnosis of COVID-19 by a Novel Immunogenic Secreted SARS-CoV-2 orf8 Protein. <i>MBio</i> , 2020, 11, .	4.1	61
124	Metalloid drug ranitidine bismuth citrate suppresses SARS-CoV-2 replication and relieves virus-associated pneumonia in Syrian hamsters. <i>Nature Microbiology</i> , 2020, 5, 1439-1448.	13.3	140
125	Loss of orf3b in the circulating SARS-CoV-2 strains. <i>Emerging Microbes and Infections</i> , 2020, 9, 2685-2696.	6.5	40
126	Human coronavirus dependency on host heat shock protein 90 reveals an antiviral target. <i>Emerging Microbes and Infections</i> , 2020, 9, 2663-2672.	6.5	46

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127	Middle East Respiratory Syndrome Coronavirus ORF8b Accessory Protein Suppresses Type I IFN Expression by Impeding HSP70-Dependent Activation of IRF3 Kinase IKK μ . <i>Journal of Immunology</i> , 2020, 205, 1564-1579.	0.8	30
128	Acute SARS-CoV-2 Infection Impairs Dendritic Cell and T Cell Responses. <i>Immunity</i> , 2020, 53, 864-877.e5.	14.3	450
129	Comparative Transcriptomic Analysis of Rhinovirus and Influenza Virus Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 1580.	3.5	15
130	SARS-CoV-2 infects human neural progenitor cells and brain organoids. <i>Cell Research</i> , 2020, 30, 928-931.	12.0	267
131	Differential immune activation profile of SARS-CoV-2 and SARS-CoV infection in human lung and intestinal cells: Implications for treatment with IFN- β and IFN inducer. <i>Journal of Infection</i> , 2020, 81, e1-e10.	3.3	41
132	Development and Evaluation of Novel and Highly Sensitive Single-Tube Nested Real-Time RT-PCR Assays for SARS-CoV-2 Detection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5674.	4.1	22
133	Potent neutralizing antibodies against multiple epitopes on SARS-CoV-2 spike. <i>Nature</i> , 2020, 584, 450-456.	27.8	1,337
134	Dynamic PB2-E627K substitution of influenza H7N9 virus indicates the in vivo genetic tuning and rapid host adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23807-23814.	7.1	22
135	Case of "relapsing" COVID-19 in a kidney transplant recipient. <i>Nephrology</i> , 2020, 25, 933-936.	1.6	8
136	False-positive SARS-CoV-2 serology in 3 children with Kawasaki disease. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 98, 115141.	1.8	10
137	Comparative performance of two commercial sample-to-result systems for hepatitis C virus quantitation and genotyping. <i>Expert Review of Molecular Diagnostics</i> , 2020, 20, 1253-1258.	3.1	4
138	A broad-spectrum virus- and host-targeting peptide against respiratory viruses including influenza virus and SARS-CoV-2. <i>Nature Communications</i> , 2020, 11, 4252.	12.8	86
139	Improved Detection of Antibodies against SARS-CoV-2 by Microsphere-Based Antibody Assay. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6595.	4.1	19
140	Viruses harness Yxx $\tilde{\text{A}}$ motif to interact with host AP2M1 for replication: A vulnerable broad-spectrum antiviral target. <i>Science Advances</i> , 2020, 6, eaba7910.	10.3	40
141	Polyclonal <i>Burkholderia cepacia</i> Complex Outbreak in Peritoneal Dialysis Patients Caused by Contaminated Aqueous Chlorhexidine. <i>Emerging Infectious Diseases</i> , 2020, 26, 1987-1997.	4.3	10
142	Repurposing of Miltefosine as an Adjuvant for Influenza Vaccine. <i>Vaccines</i> , 2020, 8, 754.	4.4	6
143	Early triple antiviral therapy for COVID-19 " Authors' reply. <i>Lancet, The</i> , 2020, 396, 1488.	13.7	5
144	Nanopore Sequencing Reveals Novel Targets for Detection and Surveillance of Human and Avian Influenza A Viruses. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	19

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