

Kwok-Hung Chan

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158
papers

20,493
citations

51
h-index

143
g-index

168
ext. papers

25,501
ext. citations

10.3
avg, IF

7.05
L-index

#	Paper	IF	Citations
158	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> , 2020 , 395, 514-523	40	5219
157	Temporal profiles of viral load in posterior oropharyngeal saliva samples and serum antibody responses during infection by SARS-CoV-2: an observational cohort study. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 565-574	25.5	2081
156	Respiratory virus shedding in exhaled breath and efficacy of face masks. <i>Nature Medicine</i> , 2020 , 26, 676-680	25.5	1108
155	Severe acute respiratory syndrome coronavirus-like virus in Chinese horseshoe bats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 14040-5	11.5	1108
154	Characterization and complete genome sequence of a novel coronavirus, coronavirus HKU1, from patients with pneumonia. <i>Journal of Virology</i> , 2005 , 79, 884-95	6.6	1028
153	Consistent Detection of 2019 Novel Coronavirus in Saliva. <i>Clinical Infectious Diseases</i> , 2020 , 71, 841-843	11.6	1009
152	Anti-spike IgG causes severe acute lung injury by skewing macrophage responses during acute SARS-CoV infection. <i>JCI Insight</i> , 2019 , 4,	9.9	588
151	Improved Molecular Diagnosis of COVID-19 by the Novel, Highly Sensitive and Specific COVID-19-RdRp/Hel Real-Time Reverse Transcription-PCR Assay Validated and with Clinical Specimens. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	572
150	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> , 2020 , 71, 2428-2446	11.6	537
149	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	11.6	450
148	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> , 2020 , 1, e14-e23	22.2	415
147	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> , 2020 , 71, 2139-2149	11.6	310
146	Infection of bat and human intestinal organoids by SARS-CoV-2. <i>Nature Medicine</i> , 2020 , 26, 1077-1083	50.5	285
145	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> , 2014 , 209, 1331-42	7	285
144	Comparative epidemiology of pandemic and seasonal influenza A in households. <i>New England Journal of Medicine</i> , 2010 , 362, 2175-2184	59.2	275
143	Delayed induction of proinflammatory cytokines and suppression of innate antiviral response by the novel Middle East respiratory syndrome coronavirus: implications for pathogenesis and treatment. <i>Journal of General Virology</i> , 2013 , 94, 2679-2690	4.9	268
142	Structure-based discovery of Middle East respiratory syndrome coronavirus fusion inhibitor. <i>Nature Communications</i> , 2014 , 5, 3067	17.4	247

141	Hyperimmune IV immunoglobulin treatment: a multicenter double-blind randomized controlled trial for patients with severe 2009 influenza A(H1N1) infection. <i>Chest</i> , 2013 , 144, 464-473	5.3	220
140	Ecoepidemiology and complete genome comparison of different strains of severe acute respiratory syndrome-related Rhinolphus bat coronavirus in China reveal bats as a reservoir for acute, self-limiting infection that allows recombination events. <i>Journal of Virology</i> , 2010 , 84, 2808-19	6.6	191
139	Attenuated SARS-CoV-2 variants with deletions at the S1/S2 junction. <i>Emerging Microbes and Infections</i> , 2020 , 9, 837-842	18.9	181
138	Differential cell line susceptibility to the emerging novel human betacoronavirus 2c EMC/2012: implications for disease pathogenesis and clinical manifestation. <i>Journal of Infectious Diseases</i> , 2013 , 207, 1743-52	7	165
137	Cross-reactive antibodies in convalescent SARS patientsTsera against the emerging novel human coronavirus EMC (2012) by both immunofluorescent and neutralizing antibody tests. <i>Journal of Infection</i> , 2013 , 67, 130-40	18.9	135
136	Identification of novel porcine and bovine parvoviruses closely related to human parvovirus 4. <i>Journal of General Virology</i> , 2008 , 89, 1840-1848	4.9	131
135	Productive replication of Middle East respiratory syndrome coronavirus in monocyte-derived dendritic cells modulates innate immune response. <i>Virology</i> , 2014 , 454-455, 197-205	3.6	122
134	Differential cell line susceptibility to the emerging Zika virus: implications for disease pathogenesis, non-vector-borne human transmission and animal reservoirs. <i>Emerging Microbes and Infections</i> , 2016 , 5, e93	18.9	117
133	Discovery of a novel coronavirus, China Rattus coronavirus HKU24, from Norway rats supports the murine origin of Betacoronavirus 1 and has implications for the ancestor of Betacoronavirus lineage A. <i>Journal of Virology</i> , 2015 , 89, 3076-92	6.6	115
132	MERS coronavirus induces apoptosis in kidney and lung by upregulating Smad7 and FGF2. <i>Nature Microbiology</i> , 2016 , 1, 16004	26.6	112
131	Viral Shedding and Transmission Potential of Asymptomatic and Paucisymptomatic Influenza Virus Infections in the Community. <i>Clinical Infectious Diseases</i> , 2017 , 64, 736-742	11.6	101
130	Air and environmental sampling for SARS-CoV-2 around hospitalized patients with coronavirus disease 2019 (COVID-19). <i>Infection Control and Hospital Epidemiology</i> , 2020 , 41, 1258-1265	2	99
129	Neutralization of SARS-CoV-2 Omicron variant by sera from BNT162b2 or Coronavac vaccine recipients.. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	94
128	Soluble ACE2-mediated cell entry of SARS-CoV-2 via interaction with proteins related to the renin-angiotensin system. <i>Cell</i> , 2021 , 184, 2212-2228.e12	56.2	94
127	High neutralizing antibody titer in intensive care unit patients with COVID-19. <i>Emerging Microbes and Infections</i> , 2020 , 9, 1664-1670	18.9	86
126	Novel antiviral activity and mechanism of bromocriptine as a Zika virus NS2B-NS3 protease inhibitor. <i>Antiviral Research</i> , 2017 , 141, 29-37	10.8	81
125	Efficacy of Clarithromycin-Naproxen-Oseltamivir Combination in the Treatment of Patients Hospitalized for Influenza A(H3N2) Infection: An Open-label Randomized, Controlled, Phase IIb/III Trial. <i>Chest</i> , 2017 , 151, 1069-1080	5.3	81
124	Evaluating the use of posterior oropharyngeal saliva in a point-of-care assay for the detection of SARS-CoV-2. <i>Emerging Microbes and Infections</i> , 2020 , 9, 1356-1359	18.9	80

123	Structure-based discovery of clinically approved drugs as Zika virus NS2B-NS3 protease inhibitors that potentially inhibit Zika virus infection in vitro and in vivo. <i>Antiviral Research</i> , 2017 , 145, 33-43	10.8	79
122	SARS-CoV-2 shedding and seroconversion among passengers quarantined after disembarking a cruise ship: a case series. <i>Lancet Infectious Diseases</i> , 2020 , 20, 1051-1060	25.5	75
121	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> , 2021 , 1-18	18.9	75
120	Additional molecular testing of saliva specimens improves the detection of respiratory viruses. <i>Emerging Microbes and Infections</i> , 2017 , 6, e49	18.9	73
119	Influenza A Virus Shedding and Infectivity in Households. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1420-8		72
118	High titer and avidity of nonneutralizing antibodies against influenza vaccine antigen are associated with severe influenza. <i>Vaccine Journal</i> , 2012 , 19, 1012-8		70
117	Mining of epitopes on spike protein of SARS-CoV-2 from COVID-19 patients. <i>Cell Research</i> , 2020 , 30, 702-704	24.7	69
116	Zika Virus Infection in Dexamethasone-immunosuppressed Mice Demonstrating Disseminated Infection with Multi-organ Involvement Including Orchitis Effectively Treated by Recombinant Type I Interferons. <i>EBioMedicine</i> , 2016 , 14, 112-122	8.8	68
115	A sensitive and specific antigen detection assay for Middle East respiratory syndrome coronavirus. <i>Emerging Microbes and Infections</i> , 2015 , 4, e26	18.9	62
114	Wild type and mutant 2009 pandemic influenza A (H1N1) viruses cause more severe disease and higher mortality in pregnant BALB/c mice. <i>PLoS ONE</i> , 2010 , 5, e13757	3.7	61
113	Development and Evaluation of Novel Real-Time Reverse Transcription-PCR Assays with Locked Nucleic Acid Probes Targeting Leader Sequences of Human-Pathogenic Coronaviruses. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 2722-6	9.7	59
112	Olfactory Dysfunction in Coronavirus Disease 2019 Patients: Observational Cohort Study and Systematic Review. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa199	1	58
111	Seroprevalence of SARS-CoV-2 in Hong Kong and in residents evacuated from Hubei province, China: a multicohort study. <i>Lancet Microbe</i> , 2020 , 1, e111-e118	22.2	56
110	Immunogenicity of intradermal trivalent influenza vaccine with topical imiquimod: a double blind randomized controlled trial. <i>Clinical Infectious Diseases</i> , 2014 , 59, 1246-55	11.6	55
109	Co-existence of multiple strains of two novel porcine bocaviruses in the same pig, a previously undescribed phenomenon in members of the family Parvoviridae, and evidence for inter- and intra-host genetic diversity and recombination. <i>Journal of General Virology</i> , 2011 , 92, 2047-2059	4.9	54
108	Topical imiquimod before intradermal trivalent influenza vaccine for protection against heterologous non-vaccine and antigenically drifted viruses: a single-centre, double-blind, randomised, controlled phase 2b/3 trial. <i>Lancet Infectious Diseases</i> , 2016 , 16, 209-18	25.5	51
107	Differences in antibody responses of individuals with natural infection and those vaccinated against pandemic H1N1 2009 influenza. <i>Vaccine Journal</i> , 2011 , 18, 867-73		51
106	The effectiveness of influenza vaccination in preventing hospitalizations in children in Hong Kong, 2009-2013. <i>Vaccine</i> , 2014 , 32, 5278-84	4.1	50

105	A novel psittacine adenovirus identified during an outbreak of avian chlamydiosis and human psittacosis: zoonosis associated with virus-bacterium coinfection in birds. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e3318	4.8	39
104	A highly specific rapid antigen detection assay for on-site diagnosis of MERS. <i>Journal of Infection</i> , 2016 , 73, 82-4	18.9	35
103	Serum Antibody Profile of a Patient With Coronavirus Disease 2019 Reinfection. <i>Clinical Infectious Diseases</i> , 2021 , 72, e659-e662	11.6	35
102	Emerging SARS-CoV-2 variants expand species tropism to murines. <i>EBioMedicine</i> , 2021 , 73, 103643	8.8	34
101	Evaluation of the commercially available LightMix [®] Modular E-gene kit using clinical and proficiency testing specimens for SARS-CoV-2 detection. <i>Journal of Clinical Virology</i> , 2020 , 129, 104476	14.5	33
100	Surfactant protein B gene polymorphism is associated with severe influenza. <i>Chest</i> , 2014 , 145, 1237-1243	3.3	33
99	Broad-spectrum inhibition of common respiratory RNA viruses by a pyrimidine synthesis inhibitor with involvement of the host antiviral response. <i>Journal of General Virology</i> , 2017 , 98, 946-954	4.9	33
98	Respiratory Virus Shedding in Exhaled Breath and Efficacy of Face Masks		31
97	Improved detection of Zika virus RNA in human and animal specimens by a novel, highly sensitive and specific real-time RT-PCR assay targeting the 5' untranslated region of Zika virus. <i>Tropical Medicine and International Health</i> , 2017 , 22, 594-603	2.3	29
96	Immunization With a Novel Human Type 5 Adenovirus-Vectored Vaccine Expressing the Premembrane and Envelope Proteins of Zika Virus Provides Consistent and Sterilizing Protection in Multiple Immunocompetent and Immunocompromised Animal Models. <i>Journal of Infectious Diseases</i> , 2018 , 218, 365-377	7	28
95	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	11.6	28
94	Impact of SARS-CoV-2 variant-associated RBD mutations on the susceptibility to serum antibodies elicited by COVID-19 infection or vaccination. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	28
93	Chickens host diverse picornaviruses originated from potential interspecies transmission with recombination. <i>Journal of General Virology</i> , 2014 , 95, 1929-1944	4.9	27
92	Identification and characterization of a novel paramyxovirus, porcine parainfluenza virus 1, from deceased pigs. <i>Journal of General Virology</i> , 2013 , 94, 2184-2190	4.9	27
91	Human tryptophanyl-tRNA synthetase is an IFN- β -inducible entry factor for Enterovirus. <i>Journal of Clinical Investigation</i> , 2018 , 128, 5163-5177	15.9	26
90	Neutralization of SARS-CoV-2 Omicron variant by sera from BNT162b2 or Coronavac vaccine recipients		24
89	Individual Correlates of Infectivity of Influenza A Virus Infections in Households. <i>PLoS ONE</i> , 2016 , 11, e0154418	3.7	24
88	First Report of a Fatal Case Associated with EV-D68 Infection in Hong Kong and Emergence of an Interclade Recombinant in China Revealed by Genome Analysis. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	23

87	Outbreaks of highly pathogenic avian influenza H5N1 clade 2.3.2.1c in hunting falcons and kept wild birds in Dubai implicate intercontinental virus spread. <i>Journal of General Virology</i> , 2015 , 96, 3212-3222	4.9	23
86	Identification of nsp1 gene as the target of SARS-CoV-2 real-time RT-PCR using nanopore whole-genome sequencing. <i>Journal of Medical Virology</i> , 2020 , 92, 2725-2734	19.7	22
85	Impact of the 2009 H1N1 Pandemic on Age-Specific Epidemic Curves of Other Respiratory Viruses: A Comparison of Pre-Pandemic, Pandemic and Post-Pandemic Periods in a Subtropical City. <i>PLoS ONE</i> , 2015 , 10, e0125447	3.7	22
84	Replication of MERS and SARS coronaviruses in bat cells offers insights to their ancestral origins. <i>Emerging Microbes and Infections</i> , 2018 , 7, 209	18.9	22
83	Unexpectedly Higher Morbidity and Mortality of Hospitalized Elderly Patients Associated with Rhinovirus Compared with Influenza Virus Respiratory Tract Infection. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	21
82	Polyphyletic origin of MERS coronaviruses and isolation of a novel clade A strain from dromedary camels in the United Arab Emirates. <i>Emerging Microbes and Infections</i> , 2016 , 5, e128	18.9	21
81	Rapid detection of MERS coronavirus-like viruses in bats: potential for tracking MERS coronavirus transmission and animal origin. <i>Emerging Microbes and Infections</i> , 2018 , 7, 18	18.9	19
80	Involvement of caspase-4 in IL-1 beta production and pyroptosis in human macrophages during dengue virus infection. <i>Immunobiology</i> , 2018 , 223, 356-364	3.4	19
79	A six-year descriptive epidemiological study of human coronavirus infections in hospitalized patients in Hong Kong. <i>Virologica Sinica</i> , 2016 , 31, 41-8	6.4	19
78	Different responses of influenza epidemic to weather factors among Shanghai, Hong Kong, and British Columbia. <i>International Journal of Biometeorology</i> , 2017 , 61, 1043-1053	3.7	18
77	Age-specific epidemic waves of influenza and respiratory syncytial virus in a subtropical city. <i>Scientific Reports</i> , 2015 , 5, 10390	4.9	18
76	SMRT sequencing revealed the diversity and characteristics of defective interfering RNAs in influenza A (H7N9) virus infection. <i>Emerging Microbes and Infections</i> , 2019 , 8, 662-674	18.9	17
75	First isolation of West Nile virus from a dromedary camel. <i>Emerging Microbes and Infections</i> , 2016 , 5, e5318.9	18.9	17
74	Direct detection of Epstein-Barr virus in peripheral blood and comparison of Epstein-Barr virus genotypes present in direct specimens and lymphoblastoid cell lines established from nasopharyngeal carcinoma patients and healthy carriers in Hong Kong. <i>International Journal of</i>	7.5	17
73	Clinical Performance of the Luminex NxTAG CoV Extended Panel for SARS-CoV-2 Detection in Nasopharyngeal Specimens from COVID-19 Patients in Hong Kong. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	16
72	Comparison of pyrosequencing, Sanger sequencing, and melting curve analysis for detection of low-frequency macrolide-resistant mycoplasma pneumoniae quasispecies in respiratory specimens. <i>Journal of Clinical Microbiology</i> , 2013 , 51, 2592-8	9.7	16
71	Pulmonary and extrapulmonary complications of human rhinovirus infection in critically ill patients. <i>Journal of Clinical Virology</i> , 2016 , 77, 85-91	14.5	16
70	The impact of spike N501Y mutation on neutralizing activity and RBD binding of SARS-CoV-2 convalescent serum. <i>EBioMedicine</i> , 2021 , 71, 103544	8.8	16

69	Recombinant influenza A virus hemagglutinin HA2 subunit protects mice against influenza A(H7N9) virus infection. <i>Archives of Virology</i> , 2015 , 160, 777-86	2.6	15
68	Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes Platform to Study SARS-CoV-2 Related Myocardial Injury. <i>Circulation Journal</i> , 2020 , 84, 2027-2031	2.9	15
67	Distribution, persistence and interchange of Epstein-Barr virus strains among PBMC, plasma and saliva of primary infection subjects. <i>PLoS ONE</i> , 2015 , 10, e0120710	3.7	15
66	Hospital-based vaccine effectiveness against influenza B lineages, Hong Kong, 2009-14. <i>Vaccine</i> , 2016 , 34, 2164-9	4.1	15
65	Interim estimates of the effectiveness of influenza vaccination against influenza-associated hospitalization in children in Hong Kong, 2015-16. <i>Influenza and Other Respiratory Viruses</i> , 2017 , 11, 61-65	5.6	14
64	Human H7N9 virus induces a more pronounced pro-inflammatory cytokine but an attenuated interferon response in human bronchial epithelial cells when compared with an epidemiologically-linked chicken H7N9 virus. <i>Virology Journal</i> , 2016 , 13, 42	6.1	14
63	Population-based hospitalization burden of influenza a virus subtypes and antigenic drift variants in children in Hong Kong (2004-2011). <i>PLoS ONE</i> , 2014 , 9, e92914	3.7	14
62	Safety and Efficacy of COVID-19 Vaccines: A Systematic Review and Meta-Analysis of Different Vaccines at Phase 3. <i>Vaccines</i> , 2021 , 9,	5.3	14
61	Nanopore Sequencing Reveals Novel Targets for Detection and Surveillance of Human and Avian Influenza A Viruses. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	13
60	Mapping the Immunodominance Landscape of SARS-CoV-2 Spike Protein for the Design of Vaccines against COVID-19		12
59	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,	6.3	12
58	Influenza Vaccine Effectiveness Against Influenza A(H3N2) Hospitalizations in Children in Hong Kong in a Prolonged Season, 2016/2017. <i>Journal of Infectious Diseases</i> , 2018 , 217, 1365-1371	7	11
57	Improved Detection of Antibodies against SARS-CoV-2 by Microsphere-Based Antibody Assay. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
56	Phylogenomic analysis of COVID-19 summer and winter outbreaks in Hong Kong: An observational study. <i>The Lancet Regional Health - Western Pacific</i> , 2021 , 10, 100130	5	11
55	Evaluation of NxTAG Respiratory Pathogen Panel and Comparison with xTAG Respiratory Viral Panel Fast v2 and Film Array Respiratory Panel for Detecting Respiratory Pathogens in Nasopharyngeal Aspirates and Swine/Avian-Origin Influenza A Subtypes in Culture Isolates. <i>Advances in Virology</i> , 2017 , 2017, 1324276	1.9	10
54	Ongoing transmission of avian influenza A viruses in Hong Kong despite very comprehensive poultry control measures: A prospective seroepidemiology study. <i>Journal of Infection</i> , 2016 , 72, 207-13	18.9	10
53	Severe influenza A H7N9 pneumonia with rapid virological response to intravenous zanamivir. <i>European Respiratory Journal</i> , 2014 , 44, 535-7	13.6	10
52	Characterization of an attenuated SARS-CoV-2 variant with a deletion at the S1/S2 junction of the spike protein. <i>Nature Communications</i> , 2021 , 12, 2790	17.4	10

51	Performance of a Surrogate SARS-CoV-2-Neutralizing Antibody Assay in Natural Infection and Vaccination Samples. <i>Diagnostics</i> , 2021 , 11,	3.8	10
50	Low population serum microneutralization antibody titer against the predominating influenza A(H3N2) N121K virus during the severe influenza summer peak of Hong Kong in 2017. <i>Emerging Microbes and Infections</i> , 2018 , 7, 23	18.9	9
49	Safety and immune response of a live-attenuated herpes zoster vaccine in patients with systemic lupus erythematosus: a randomised placebo-controlled trial. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 1663-1668	2.4	9
48	Rapid reduction of viruria and stabilization of allograft function by fusidic acid in a renal transplant recipient with JC virus-associated nephropathy. <i>Infection</i> , 2015 , 43, 577-81	5.8	9
47	Fatal systemic necrotizing infections associated with a novel paramyxovirus, anaconda paramyxovirus, in green anaconda juveniles. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 3614-23	9.7	9
46	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 , 1-17	18.9	9
45	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	9.5	8
44	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	11.6	8
43	Triple combination of FDA-approved drugs including flufenamic acid, clarithromycin and zanamivir improves survival of severe influenza in mice. <i>Archives of Virology</i> , 2018 , 163, 2349-2358	2.6	8
42	Antibody Response of BNT162b2 and CoronaVac Platforms in Recovered Individuals Previously Infected by COVID-19 against SARS-CoV-2 Wild Type and Delta Variant.. <i>Vaccines</i> , 2021 , 9,	5.3	8
41	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	11.6	8
40	Low dose inocula of SARS-CoV-2 Alpha variant transmits more efficiently than earlier variants in hamsters. <i>Communications Biology</i> , 2021 , 4, 1102	6.7	8
39	Comparative evaluation of a laboratory developed real-time PCR assay and the RealStar HHV-6 PCR Kit for quantitative detection of human herpesvirus 6. <i>Journal of Virological Methods</i> , 2017 , 246, 112-116	2.6	7
38	First detection and complete genome sequence of a phylogenetically distinct human polyomavirus 6 highly prevalent in human bile samples. <i>Journal of Infection</i> , 2017 , 74, 50-59	18.9	7
37	False-positive SARS-CoV-2 serology in 3 children with Kawasaki disease. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020 , 98, 115141	2.9	7
36	Identification of Novel Rosavirus Species That Infects Diverse Rodent Species and Causes Multisystemic Dissemination in Mouse Model. <i>PLoS Pathogens</i> , 2016 , 12, e1005911	7.6	7
35	Distinct expression of interferon-induced protein with tetratricopeptide repeats (IFIT) 1/2/3 and other antiviral genes between subsets of dendritic cells induced by dengue virus 2 infection. <i>Immunology</i> , 2016 , 148, 363-76	7.8	7
34	Comparative evaluation of a laboratory-developed real-time PCR assay and RealStar Adenovirus PCR Kit for quantitative detection of human adenovirus. <i>Virology Journal</i> , 2018 , 15, 149	6.1	7

33	Assessment of population susceptibility to upcoming seasonal influenza epidemic strain using interepidemic emerging influenza virus strains. <i>Epidemiology and Infection</i> , 2019 , 147, e279	4.3	6
32	Serum 25-Hydroxyvitamin D Was Not Associated with Influenza Virus Infection in Children and Adults in Hong Kong, 2009-2010. <i>Journal of Nutrition</i> , 2016 , 146, 2506-2512	4.1	6
31	Assessment of antigen and molecular tests with serial specimens from a patient with influenza A(H7N9) infection. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 2272-4	9.7	6
30	The Therapeutic Effect of Pamidronate on Lethal Avian Influenza A H7N9 Virus Infected Humanized Mice. <i>PLoS ONE</i> , 2015 , 10, e0135999	3.7	6
29	A robust parameter estimation method for estimating disease burden of respiratory viruses. <i>PLoS ONE</i> , 2014 , 9, e90126	3.7	5
28	Low Environmental Temperature Exacerbates Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Golden Syrian Hamsters. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	5
27	Evaluation of RealStar [®] Herpesvirus PCR Kit for Detection of HSV-1, HSV-2, and VZV in Clinical Specimens. <i>BioMed Research International</i> , 2019 , 2019, 5715180	3	4
26	Immunogenicity and safety of intradermal trivalent influenza vaccination in nursing home older adults: a randomized controlled trial. <i>Journal of the American Medical Directors Association</i> , 2014 , 15, 607.e5-12	5.9	4
25	Antibody Response of Combination of BNT162b2 and CoronaVac Platforms of COVID-19 Vaccines against Omicron Variant.. <i>Vaccines</i> , 2022 , 10,	5.3	4
24	Complete Genome Sequence of Influenza Virus H9N2 Associated with a Fatal Outbreak among Chickens in Dubai. <i>Genome Announcements</i> , 2016 , 4,		4
23	First Isolation and Rapid Identification of Newcastle Disease Virus from Aborted Fetus of Dromedary Camel Using Next-Generation Sequencing. <i>Viruses</i> , 2019 , 11,	6.2	3
22	Comparative Transcriptomic Analysis of Rhinovirus and Influenza Virus Infection. <i>Frontiers in Microbiology</i> , 2020 , 11, 1580	5.7	3
21	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	3.8	3
20	Discovery of a Novel Specific Inhibitor Targeting Influenza A Virus Nucleoprotein with Pleiotropic Inhibitory Effects on Various Steps of the Viral Life Cycle. <i>Journal of Virology</i> , 2021 , 95,	6.6	3
19	Neurosensory Rehabilitation and Olfactory Network Recovery in Covid-19-related Olfactory Dysfunction. <i>Brain Sciences</i> , 2021 , 11,	3.4	3
18	Indoor Environmental Factors and Acute Respiratory Illness in a Prospective Cohort of Community-Dwelling Older Adults. <i>Journal of Infectious Diseases</i> , 2020 , 222, 967-978	7	3
17	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> , 2022 ,	11.6	3
16	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	8.8	3

15	Repurposing of Miltefosine as an Adjuvant for Influenza Vaccine. <i>Vaccines</i> , 2020 , 8,	5.3	2
14	Correlation between Commercial Anti-RBD IgG Titer and Neutralization Titer against SARS-CoV-2 Beta Variant.. <i>Diagnostics</i> , 2021 , 11,	3.8	2
13	A molecularly engineered, broad-spectrum anti-coronavirus lectin inhibits SARS-CoV-2 and MERS-CoV infection in vivo		2
12	Comparative evaluation of a dual-target real-time RT-PCR assay for COVID-19 diagnosis and assessment of performance in pooled saliva and nasopharyngeal swab samples. <i>Expert Review of Molecular Diagnostics</i> , 2021 , 21, 741-747	3.8	2
11	Age-specific genetic and antigenic variations of influenza A viruses in Hong Kong, 2013-2014. <i>Scientific Reports</i> , 2016 , 6, 30260	4.9	2
10	Multiplex metal-detection based assay (MMDA) for COVID-19 diagnosis and identification of disease severity biomarkers.. <i>Chemical Science</i> , 2022 , 13, 3216-3226	9.4	2
9	Response to comments on "immunogenicity and safety of intradermal trivalent influenza vaccination in nursing home older adults: a randomized controlled trial". <i>Journal of the American Medical Directors Association</i> , 2014 , 15, 773-4	5.9	1
8	Immunogenicity of a Heterologous Prime-Boost COVID-19 Vaccination with mRNA and Inactivated Virus Vaccines Compared with Homologous Vaccination Strategy against SARS-CoV-2 Variants.. <i>Vaccines</i> , 2022 , 10,	5.3	1
7	High compliance to infection control measures prevented guest-to-staff transmission in COVID-19 quarantine hotels. <i>Journal of Infection</i> , 2021 ,	18.9	1
6	Co-circulation of a Novel Dromedary Camel Parainfluenza Virus 3 and Middle East Respiratory Syndrome Coronavirus in a Dromedary Herd With Respiratory Tract Infections.. <i>Frontiers in Microbiology</i> , 2021 , 12, 739779	5.7	1
5	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
4	Correlation of Immunogenicity and Reactogenicity of BNT162b2 and CoronaVac SARS-CoV-2 Vaccines.. <i>MSphere</i> , 2022 , e0091521	5	0
3	Diagnostic Value of a SARS-CoV-2 Rapid Test Kit for Detection of Neutralizing Antibodies as a Point-of-Care Surveillance Test.. <i>Microbiology Spectrum</i> , 2022 , e0099321	8.9	0
2	Developing an epidemic forecasting model for influenza a in Brisbane, Australia, based on climate and Hong Kong influenza a surveillance data. <i>Clinical Infectious Diseases</i> , 2014 , 59, 1508-9	11.6	
1	Middle East Respiratory Syndrome Interpreted: Human Herpesvirus 6B Pneumonia. <i>American Journal of Medicine</i> , 2016 , 129, 945-7	2.4	