

Kwok-Hung Chan

List of Publications by Year in descending order

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Version: 2024-02-01

161
papers

28,871
citations

30070

54
h-index

6131

159
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168
all docs

168
docs citations

168
times ranked

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#	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	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
3	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
4	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
5	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, 72.	4.4	13
6	Antibody Response of Combination of BNT162b2 and CoronaVac Platforms of COVID-19 Vaccines against Omicron Variant. <i>Vaccines</i> , 2022, 10, 160.	4.4	33
7	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
8	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
9	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
10	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
11	Correlation of Immunogenicity and Reactogenicity of BNT162b2 and CoronaVac SARS-CoV-2 Vaccines. <i>MSphere</i> , 2022, 7, e0091521.	2.9	9
12	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, 10, e0099321.	3.0	3
13	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
14	Difference in clinical features of SARS-CoV-2 in pediatric patients before and after emergence of P.1. <i>Pediatric Research</i> , 2022, , .	2.3	0
15	Effect of moderate-to-severe hepatic steatosis on neutralising antibody response among BNT162b2 and CoronaVac recipients. <i>Clinical and Molecular Hepatology</i> , 2022, 28, 553-564.	8.9	9
16	Angiotensin converting enzyme and sodium glucose cotransporter inhibitors alleviate inflammatory effects of SARS-CoV-2 in cardiomyocytes. <i>Cardiology Journal</i> , 2022, , .	1.2	1
17	Contribution of low population immunity to the severe Omicron BA.2 outbreak in Hong Kong. <i>Nature Communications</i> , 2022, 13, .	12.8	45
18	Association between Recent Usage of Antibiotics and Immunogenicity within Six Months after COVID-19 Vaccination. <i>Vaccines</i> , 2022, 10, 1122.	4.4	12

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19	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
20	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
21	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
22	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
23	Serum Antibody Profile of a Patient With Coronavirus Disease 2019 Reinfection. <i>Clinical Infectious Diseases</i> , 2021, 72, e659-e662.	5.8	50
24	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
25	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.	28.9	216
26	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, .	3.4	14
27	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.	12.8	26
28	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.	2.9	26
29	Neurosensory Rehabilitation and Olfactory Network Recovery in Covid-19-Related Olfactory Dysfunction. <i>Brain Sciences</i> , 2021, 11, 686.	2.3	11
30	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.	3.1	7
31	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
32	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
33	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
34	Safety and Efficacy of COVID-19 Vaccines: A Systematic Review and Meta-Analysis of Different Vaccines at Phase 3. <i>Vaccines</i> , 2021, 9, 989.	4.4	90
35	High compliance to infection control measures prevented guest-to-staff transmission in COVID-19 quarantine hotels. <i>Journal of Infection</i> , 2021, . .	3.3	4
36	Emerging SARS-CoV-2 variants expand species tropism to murines. <i>EBioMedicine</i> , 2021, 73, 103643.	6.1	127

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37	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
38	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, 1442.	4.4	18
39	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.	3.5	4
40	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
41	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
42	Comparative Transcriptomic Analysis of Rhinovirus and Influenza Virus Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 1580.	3.5	15
43	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
44	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
45	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
46	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
47	Repurposing of Miltefosine as an Adjuvant for Influenza Vaccine. <i>Vaccines</i> , 2020, 8, 754.	4.4	6
48	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
49	Infection of bat and human intestinal organoids by SARS-CoV-2. <i>Nature Medicine</i> , 2020, 26, 1077-1083.	30.7	441
50	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.	5.8	501
51	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.	3.1	45
52	Seroprevalence of SARS-CoV-2 in Hong Kong and in residents evacuated from Hubei province, China: a multicohort study. <i>Lancet Microbe, The</i> , 2020, 1, e111-e118.	7.3	86
53	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.	6.5	109
54	SARS-CoV-2 shedding and seroconversion among passengers quarantined after disembarking a cruise ship: a case series. <i>Lancet Infectious Diseases, The</i> , 2020, 20, 1051-1060.	9.1	107

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55	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.	5.0	36
56	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, .	3.9	21
57	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.	1.8	153
58	Olfactory Dysfunction in Coronavirus Disease 2019 Patients: Observational Cohort Study and Systematic Review. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa199.	0.9	83
59	Improved Molecular Diagnosis of COVID-19 by the Novel, Highly Sensitive and Specific COVID-19-RdRp/Hel Real-Time Reverse Transcription-PCR Assay Validated <i>In Vitro</i> and with Clinical Specimens. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	780
60	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</i> , The, 2020, 20, 565-574.	9.1	2,704
61	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.	5.8	839
62	Respiratory virus shedding in exhaled breath and efficacy of face masks. <i>Nature Medicine</i> , 2020, 26, 676-680.	30.7	1,753
63	Mining of epitopes on spike protein of SARS-CoV-2 from COVID-19 patients. <i>Cell Research</i> , 2020, 30, 702-704.	12.0	100
64	High neutralizing antibody titer in intensive care unit patients with COVID-19. <i>Emerging Microbes and Infections</i> , 2020, 9, 1664-1670.	6.5	129
65	Consistent Detection of 2019 Novel Coronavirus in Saliva. <i>Clinical Infectious Diseases</i> , 2020, 71, 841-843.	5.8	1,423
66	A familial cluster of pneumonia associated with the 2019 novel coronavirus indicating person-to-person transmission: a study of a family cluster. <i>Lancet</i> , The, 2020, 395, 514-523.	13.7	7,120
67	Attenuated SARS-CoV-2 variants with deletions at the S1/S2 junction. <i>Emerging Microbes and Infections</i> , 2020, 9, 837-842.	6.5	270
68	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</i> , The, 2020, 1, e14-e23.	7.3	683
69	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.	4.0	15
70	Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes Platform to Study SARS-CoV-2 Related Myocardial Injury. <i>Circulation Journal</i> , 2020, 84, 2027-2031.	1.6	33
71	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.	0.9	16
72	Evaluation of RealStar® Alpha Herpesvirus PCR Kit for Detection of HSV-1, HSV-2, and VZV in Clinical Specimens. <i>BioMed Research International</i> , 2019, 2019, 1-6.	1.9	4

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73	First Isolation and Rapid Identification of Newcastle Disease Virus from Aborted Fetus of Dromedary Camel Using Next-Generation Sequencing. <i>Viruses</i> , 2019, 11, 810.	3.3	4
74	Assessment of population susceptibility to upcoming seasonal influenza epidemic strain using interepidemic emerging influenza virus strains. <i>Epidemiology and Infection</i> , 2019, 147, e279.	2.1	6
75	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.	6.5	24
76	Anti-“spike IgG causes severe acute lung injury by skewing macrophage responses during acute SARS-CoV infection. <i>JCI Insight</i> , 2019, 4, .	5.0	742
77	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, 1-9.	6.5	15
78	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, 1-7.	6.5	24
79	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.	4.0	14
80	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.	4.0	46
81	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.	1.9	34
82	Replication of MERS and SARS coronaviruses in bat cells offers insights to their ancestral origins. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-11.	6.5	33
83	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.	3.4	12
84	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.	2.1	9
85	Human tryptophanyl-tRNA synthetase is an IFN- β -inducible entry factor for Enterovirus. <i>Journal of Clinical Investigation</i> , 2018, 128, 5163-5177.	8.2	39
86	Viral shedding and transmission potential of asymptomatic and pauci-symptomatic influenza virus infections in the community. <i>Clinical Infectious Diseases</i> , 2017, 64, ciw841.	5.8	137
87	Improved detection of Zika virus <sc>RNA</sc> 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	34
88	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.	3.4	15
89	Novel antiviral activity and mechanism of bromocriptine as a Zika virus NS2B-NS3 protease inhibitor. <i>Antiviral Research</i> , 2017, 141, 29-37.	4.1	102
90	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.	3.0	27

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91	Additional molecular testing of saliva specimens improves the detection of respiratory viruses. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-7.	6.5	101
92	Comparative evaluation of a laboratory developed real-time PCR assay and the RealStar $\hat{\text{A}}$ HHV-6 PCR Kit for quantitative detection of human herpesvirus 6. <i>Journal of Virological Methods</i> , 2017, 246, 112-116.	2.1	8
93	Structure-based discovery of clinically approved drugs as Zika virus NS2B-NS3 protease inhibitors that potently inhibit Zika virus infection in $\hat{\text{A}}$ vitro and in $\hat{\text{A}}$ vivo. <i>Antiviral Research</i> , 2017, 145, 33-43.	4.1	99
94	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.	3.3	7
95	Efficacy of Clarithromycin-Naproxen-Oseltamivir Combination in the Treatment of Patients Hospitalized for Influenza A(H3N2) Infection. <i>Chest</i> , 2017, 151, 1069-1080.	0.8	95
96	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, 259.	4.1	48
97	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, 1065.	4.1	33
98	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, 1-8.	1.1	13
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.	2.9	53
100	Individual Correlates of Infectivity of Influenza A Virus Infections in Households. <i>PLoS ONE</i> , 2016, 11, e0154418.	2.5	30
101	Identification of Novel Rosavirus Species That Infects Diverse Rodent Species and Causes Multisystemic Dissemination in Mouse Model. <i>PLoS Pathogens</i> , 2016, 12, e1005911.	4.7	9
102	Distinct expression of interferon $\hat{\text{A}}$ 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, 363-376.	4.4	16
103	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, 1-9.	6.5	24
104	Age-specific genetic and antigenic variations of influenza A viruses in Hong Kong, 2013 $\hat{\text{A}}$ 2014. <i>Scientific Reports</i> , 2016, 6, 30260.	3.3	2
105	Hospital-based vaccine effectiveness against influenza B lineages, Hong Kong, 2009 $\hat{\text{A}}$ 2014. <i>Vaccine</i> , 2016, 34, 2164-2169.	3.8	16
106	Middle East Respiratory Syndrome Interpreted: Human Herpesvirus 6B Pneumonia. <i>American Journal of Medicine</i> , 2016, 129, 945-947.	1.5	0
107	Pulmonary and extrapulmonary complications of human rhinovirus infection in critically ill patients. <i>Journal of Clinical Virology</i> , 2016, 77, 85-91.	3.1	40
108	A highly specific rapid antigen detection assay for on-site diagnosis of MERS. <i>Journal of Infection</i> , 2016, 73, 82-84.	3.3	39

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109	Complete Genome Sequence of Influenza Virus H9N2 Associated with a Fatal Outbreak among Chickens in Dubai. <i>Genome Announcements</i> , 2016, 4, .	0.8	8
110	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, 1-12.	6.5	139
111	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.	6.1	77
112	MERS coronavirus induces apoptosis in kidney and lung by upregulating Smad7 and FGF2. <i>Nature Microbiology</i> , 2016, 1, 16004.	13.3	140
113	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.	2.9	9
114	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.	3.4	17
115	A six-year descriptive epidemiological study of human coronavirus infections in hospitalized patients in Hong Kong. <i>Virologica Sinica</i> , 2016, 31, 41-48.	3.0	25
116	First isolation of West Nile virus from a dromedary camel. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-12.	6.5	19
117	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, 207-213.	3.3	12
118	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> , The, 2016, 16, 209-218.	9.1	75
119	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.	2.5	31
120	The Therapeutic Effect of Pamidronate on Lethal Avian Influenza A H7N9 Virus Infected Humanized Mice. <i>PLoS ONE</i> , 2015, 10, e0135999.	2.5	12
121	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, 2722-2726.	3.9	73
122	Rapid reduction of viraemia and stabilization of allograft function by fusidic acid in a renal transplant recipient with JC virus-associated nephropathy. <i>Infection</i> , 2015, 43, 577-581.	4.7	10
123	Age-specific epidemic waves of influenza and respiratory syncytial virus in a subtropical city. <i>Scientific Reports</i> , 2015, 5, 10390.	3.3	21
124	Influenza A Virus Shedding and Infectivity in Households. <i>Journal of Infectious Diseases</i> , 2015, 212, 1420-1428.	4.0	92
125	Recombinant influenza A virus hemagglutinin HA2 subunit protects mice against influenza A(H7N9) virus infection. <i>Archives of Virology</i> , 2015, 160, 777-786.	2.1	20
126	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, 3076-3092.	3.4	147

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127	A sensitive and specific antigen detection assay for Middle East respiratory syndrome coronavirus. <i>Emerging Microbes and Infections</i> , 2015, 4, 1-5.	6.5	74
128	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.	2.9	31
129	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.	2.5	28
130	A Robust Parameter Estimation Method for Estimating Disease Burden of Respiratory Viruses. <i>PLoS ONE</i> , 2014, 9, e90126.	2.5	7
131	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.	2.5	14
132	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.	3.0	48
133	Severe influenza A H7N9 pneumonia with rapid virological response to intravenous zanamivir. <i>European Respiratory Journal</i> , 2014, 44, 535-537.	6.7	10
134	Surfactant Protein B Gene Polymorphism Is Associated With Severe Influenza. <i>Chest</i> , 2014, 145, 1237-1243.	0.8	47
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