

# Kin Hang Kok

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

17,258  
citations

93792

39  
h-index

64407

83  
g-index

88  
all docs

88  
docs citations

88  
times ranked

33994  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.9	58
2	Low Environmental Temperature Exacerbates Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Golden Syrian Hamsters. <i>Clinical Infectious Diseases</i> , 2022, 75, e1101-e1111.	2.9	17
3	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.	3.0	42
4	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.	3.0	12
5	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.	2.9	647
6	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.	2.8	20
7	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> , 2021, 93, 2076-2083.	2.5	40
8	Serum Antibody Profile of a Patient With Coronavirus Disease 2019 Reinfection. <i>Clinical Infectious Diseases</i> , 2021, 72, e659-e662.	2.9	50
9	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.	5.8	20
10	Clofazimine broadly inhibits coronaviruses including SARS-CoV-2. <i>Nature</i> , 2021, 593, 418-423.	13.7	151
11	Host-derived lipids orchestrate pulmonary $\gamma\delta$ T cell response to provide early protection against influenza virus infection. <i>Nature Communications</i> , 2021, 12, 1914.	5.8	22
12	Emergence of a Severe Acute Respiratory Syndrome Coronavirus 2 Virus Variant With Novel Genomic Architecture in Hong Kong. <i>Clinical Infectious Diseases</i> , 2021, 73, 1696-1699.	2.9	15
13	Mining of linear B cell epitopes of SARS-CoV-2 ORF8 protein from COVID-19 patients. <i>Emerging Microbes and Infections</i> , 2021, 10, 1016-1023.	3.0	11
14	Targeting highly pathogenic coronavirus-induced apoptosis reduces viral pathogenesis and disease severity. <i>Science Advances</i> , 2021, 7, .	4.7	48
15	Host and viral determinants for efficient SARS-CoV-2 infection of the human lung. <i>Nature Communications</i> , 2021, 12, 134.	5.8	112
16	Accurate Diagnosis of COVID-19 by a Novel Immunogenic Secreted SARS-CoV-2 orf8 Protein. <i>MBio</i> , 2020, 11, .	1.8	61
17	Loss of orf3b in the circulating SARS-CoV-2 strains. <i>Emerging Microbes and Infections</i> , 2020, 9, 2685-2696.	3.0	40
18	Repurposing of Miltefosine as an Adjuvant for Influenza Vaccine. <i>Vaccines</i> , 2020, 8, 754.	2.1	6

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19	Nanopore Sequencing Reveals Novel Targets for Detection and Surveillance of Human and Avian Influenza A Viruses. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	19
20	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.	3.4	86
21	SARS-CoV-2 nsp13, nsp14, nsp15 and orf6 function as potent interferon antagonists. <i>Emerging Microbes and Infections</i> , 2020, 9, 1418-1428.	3.0	439
22	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.	2.5	36
23	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.	2.9	839
24	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.	6.3	7,120
25	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> , 2020, 9, 221-236.	3.0	2,389
26	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> , 2020, 71, 1400-1409.	2.9	561
27	Targeting the Inositol-Requiring Enzyme-1 Pathway Efficiently Reverts Zika Virus-Induced Neurogenesis and Spermatogenesis Marker Perturbations. <i>ACS Infectious Diseases</i> , 2020, 6, 1745-1758.	1.8	9
28	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.	3.4	683
29	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> , 2019, 20, 392.	1.8	19
30	H7N9 influenza A virus activation of necroptosis in human monocytes links innate and adaptive immune responses. <i>Cell Death and Disease</i> , 2019, 10, 442.	2.7	21
31	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.	3.0	24
32	SREBP-dependent lipidomic reprogramming as a broad-spectrum antiviral target. <i>Nature Communications</i> , 2019, 10, 120.	5.8	192
33	Receptor Usage of a Novel Bat Lineage C Betacoronavirus Reveals Evolution of Middle East Respiratory Syndrome-Related Coronavirus Spike Proteins for Human Dipeptidyl Peptidase 4 Binding. <i>Journal of Infectious Diseases</i> , 2018, 218, 197-207.	1.9	80
34	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.	1.9	46
35	A novel transcript isoform of STING that sequesters cGAMP and dominantly inhibits innate nucleic acid sensing. <i>Nucleic Acids Research</i> , 2018, 46, 4054-4071.	6.5	54
36	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.	3.0	33

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37	Antiviral activity of double-stranded RNA-binding protein PACT against influenza A virus mediated via suppression of viral RNA polymerase. <i>FASEB Journal</i> , 2018, 32, 4380-4393.	0.2	14
38	Inhibition of AIM2 inflammasome activation by a novel transcript isoform of IFI16. <i>EMBO Reports</i> , 2018, 19, .	2.0	63
39	Dual-functional peptide with defective interfering genes effectively protects mice against avian and seasonal influenza. <i>Nature Communications</i> , 2018, 9, 2358.	5.8	63
40	Human tryptophanyl-tRNA synthetase is an IFN- $\lambda$ inducible entry factor for Enterovirus. <i>Journal of Clinical Investigation</i> , 2018, 128, 5163-5177.	3.9	39
41	Selective Activation of Type II Interferon Signaling by Zika Virus NS5 Protein. <i>Journal of Virology</i> , 2017, 91, .	1.5	88
42	Human T-Cell Leukemia Virus Type 1 Infection and Adult T-Cell Leukemia. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1018, 147-166.	0.8	10
43	PACT Facilitates RNA-Induced Activation of MDA5 by Promoting MDA5 Oligomerization. <i>Journal of Immunology</i> , 2017, 199, 1846-1855.	0.4	40
44	Mutagenesis and Genome Engineering of Epstein-Barr Virus in Cultured Human Cells by CRISPR/Cas9. <i>Methods in Molecular Biology</i> , 2017, 1498, 23-31.	0.4	20
45	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.	1.3	53
46	"One Health" for the people of Hong Kong and the world. <i>Science China Life Sciences</i> , 2016, 59, 1068-1070.	2.3	0
47	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.	3.0	139
48	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.	2.7	77
49	Suppression of Type I Interferon Production by Human T-Cell Leukemia Virus Type 1 Oncoprotein Tax through Inhibition of IRF3 Phosphorylation. <i>Journal of Virology</i> , 2016, 90, 3902-3912.	1.5	32
50	PACT- and RIG-I-Dependent Activation of Type I Interferon Production by a Defective Interfering RNA Derived from Measles Virus Vaccine. <i>Journal of Virology</i> , 2016, 90, 1557-1568.	1.5	39
51	Inhibition of RIG-I-dependent innate immunity by herpes simplex virus type I Us11 protein. <i>Hong Kong Medical Journal</i> , 2016, 22 Suppl 7, 46-47.	0.1	1
52	CRISPR/Cas9-mediated genome editing of Epstein-Barr virus in human cells. <i>Journal of General Virology</i> , 2015, 96, 626-636.	1.3	155
53	Suppression of type I and type III IFN signalling by NSs protein of severe fever with thrombocytopenia syndrome virus through inhibition of STAT1 phosphorylation and activation. <i>Journal of General Virology</i> , 2015, 96, 3204-3211.	1.3	55
54	Comparative analysis of the activation of unfolded protein response by spike proteins of severe acute respiratory syndrome coronavirus and human coronavirus HKU1. <i>Cell and Bioscience</i> , 2014, 4, 3.	2.1	45

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55	Requirement of CRTC1 coactivator for hepatitis B virus transcription. <i>Nucleic Acids Research</i> , 2014, 42, 12455-12468.	6.5	23
56	Toll-like receptor 10 is involved in induction of innate immune responses to influenza virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3793-3798.	3.3	150
57	Middle East Respiratory Syndrome Coronavirus 4a Protein Is a Double-Stranded RNA-Binding Protein That Suppresses PACT-Induced Activation of RIG-I and MDA5 in the Innate Antiviral Response. <i>Journal of Virology</i> , 2014, 88, 4866-4876.	1.5	171
58	Suppression of innate antiviral response by severe acute respiratory syndrome coronavirus M protein is mediated through the first transmembrane domain. <i>Cellular and Molecular Immunology</i> , 2014, 11, 141-149.	4.8	93
59	CRTC1 transcriptional coactivator is required for hepatitis B virus gene expression and replication. <i>Cancer &amp; Metabolism</i> , 2014, 2, P31.	2.4	0
60	LKB1 tumor suppressor and salt-inducible kinases negatively regulate human T-cell leukemia virus type 1 transcription. <i>Retrovirology</i> , 2013, 10, 40.	0.9	24
61	Balance of Power in Host-Virus Arms Races. <i>Cell Host and Microbe</i> , 2013, 14, 5-6.	5.1	10
62	Internal ribosome entry site-mediated translational regulation of ATF4 splice variant in mammalian unfolded protein response. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 2165-2175.	1.9	41
63	Targeting of DICE1 tumor suppressor by Epstein-Barr virus-encoded miR-BART3* microRNA in nasopharyngeal carcinoma. <i>International Journal of Cancer</i> , 2013, 133, 79-87.	2.3	86
64	Perturbation of biogenesis and targeting of Epstein-Barr virus-encoded miR-BART3 microRNA by adenosine-to-inosine editing. <i>Journal of General Virology</i> , 2013, 94, 2739-2744.	1.3	22
65	Suppression of PACT-Induced Type I Interferon Production by Herpes Simplex Virus 1 Us11 Protein. <i>Journal of Virology</i> , 2013, 87, 13141-13149.	1.5	47
66	REV7 is required for anaphase-promoting complex-dependent ubiquitination and degradation of translesion DNA polymerase REV1. <i>Cell Cycle</i> , 2013, 12, 365-378.	1.3	25
67	Group I p21-activated kinases facilitate Tax-mediated transcriptional activation of the human T-cell leukemia virus type 1 long terminal repeats. <i>Retrovirology</i> , 2013, 10, 47.	0.9	12
68	Anti-ganglioside antibodies were not detected in human subjects infected with or vaccinated against 2009 pandemic influenza A (H1N1) virus. <i>Vaccine</i> , 2012, 30, 2605-2610.	1.7	13
69	The Double-Stranded RNA-Binding Protein PACT Functions as a Cellular Activator of RIG-I to Facilitate Innate Antiviral Response. <i>Cell Host and Microbe</i> , 2011, 9, 299-309.	5.1	153
70	A novel bunyavirus causing fever and thrombocytopenia: More questions than answers. <i>Journal of the Formosan Medical Association</i> , 2011, 110, 669-670.	0.8	2
71	CREB3 subfamily transcription factors are not created equal: Recent insights from global analyses and animal models. <i>Cell and Bioscience</i> , 2011, 1, 6.	2.1	54
72	MIP-T3 Is a Negative Regulator of Innate Type I IFN Response. <i>Journal of Immunology</i> , 2011, 187, 6473-6482.	0.4	42

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73	Identification and Validation of the Cellular Targets of Virus-Encoded MicroRNAs. <i>Methods in Molecular Biology</i> , 2010, 667, 319-326.	0.4	3
74	Severe Acute Respiratory Syndrome Coronavirus M Protein Inhibits Type I Interferon Production by Impeding the Formation of TRAF3-TANK-TBK1/IKK $\mu$ Complex. <i>Journal of Biological Chemistry</i> , 2009, 284, 16202-16209.	1.6	261
75	siRNA and shRNA screens advance key understanding of host factors required for HIV-1 replication. <i>Retrovirology</i> , 2009, 6, 78.	0.9	24
76	An Epstein-Barr virus-encoded microRNA targets PUMA to promote host cell survival. <i>Journal of Experimental Medicine</i> , 2008, 205, 2551-2560.	4.2	419
77	Human TRBP and PACT Directly Interact with Each Other and Associate with Dicer to Facilitate the Production of Small Interfering RNA. <i>Journal of Biological Chemistry</i> , 2007, 282, 17649-17657.	1.6	204
78	Mitochondrial targeting of growth suppressor protein DLC2 through the START domain. <i>FEBS Letters</i> , 2006, 580, 191-198.	1.3	25
79	Influenza A virus NS1 protein does not suppress RNA interference in mammalian cells. <i>Journal of General Virology</i> , 2006, 87, 2639-2644.	1.3	39
80	Post-transcriptional suppression of gene expression in <i>Xenopus</i> embryos by small interfering RNA. <i>Nucleic Acids Research</i> , 2002, 30, 1664-1669.	6.5	63
81	Embryonic X Mab2112 Expression Is Required for Gastrulation and Subsequent Neural Development. <i>Biochemical and Biophysical Research Communications</i> , 2001, 280, 1378-1384.	1.0	23
82	Mouse Peroxiredoxin V Is a Thioredoxin Peroxidase That Inhibits p53-Induced Apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2000, 268, 921-927.	1.0	159
83	Maternal cold inducible RNA binding protein is required for embryonic kidney formation in <i>Xenopus laevis</i> . <i>FEBS Letters</i> , 2000, 482, 37-43.	1.3	32
84	Characterization of Human and Mouse Peroxiredoxin IV: Evidence for Inhibition by Prx-IV of Epidermal Growth Factor- and p53-Induced Reactive Oxygen Species. <i>Antioxidants and Redox Signaling</i> , 2000, 2, 507-518.	2.5	59