

D K W Chu

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

8,425
citations

109264

35
h-index

98753

67
g-index

71
all docs

71
docs citations

71
times ranked

15296
citing authors

#	ARTICLE	IF	CITATIONS
1	Respiratory virus shedding in exhaled breath and efficacy of face masks. <i>Nature Medicine</i> , 2020, 26, 676-680.	15.2	1,753
2	Molecular Diagnosis of a Novel Coronavirus (2019-nCoV) Causing an Outbreak of Pneumonia. <i>Clinical Chemistry</i> , 2020, 66, 549-555.	1.5	1,098
3	Remdesivir, lopinavir, emetine, and homoharringtonine inhibit SARS-CoV-2 replication in vitro. <i>Antiviral Research</i> , 2020, 178, 104786.	1.9	737
4	Infection of dogs with SARS-CoV-2. <i>Nature</i> , 2020, 586, 776-778.	13.7	580
5	Identification of a Novel Coronavirus in Bats. <i>Journal of Virology</i> , 2005, 79, 2001-2009.	1.5	330
6	MERS Coronaviruses in Dromedary Camels, Egypt. <i>Emerging Infectious Diseases</i> , 2014, 20, 1049-1053.	2.0	259
7	Novel Astroviruses in Insectivorous Bats. <i>Journal of Virology</i> , 2008, 82, 9107-9114.	1.5	249
8	MERS Coronavirus in Dromedary Camel Herd, Saudi Arabia. <i>Emerging Infectious Diseases</i> , 2014, 20, 1231-4.	2.0	230
9	ORF8 and ORF3b antibodies are accurate serological markers of early and late SARS-CoV-2 infection. <i>Nature Immunology</i> , 2020, 21, 1293-1301.	7.0	198
10	The first 2019 novel coronavirus case in Nepal. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 279-280.	4.6	190
11	A Case for the Ancient Origin of Coronaviruses. <i>Journal of Virology</i> , 2013, 87, 7039-7045.	1.5	186
12	The Infection Attack Rate and Severity of 2009 Pandemic H1N1 Influenza in Hong Kong. <i>Clinical Infectious Diseases</i> , 2010, 51, 1184-1191.	2.9	181
13	Human Infection with Highly Pathogenic Avian Influenza A(H7N9) Virus, China. <i>Emerging Infectious Diseases</i> , 2017, 23, 1332-1340.	2.0	146
14	MERS coronaviruses from camels in Africa exhibit region-dependent genetic diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3144-3149.	3.3	142
15	Viral shedding and transmission potential of asymptomatic and pauci-symptomatic influenza virus infections in the community. <i>Clinical Infectious Diseases</i> , 2017, 64, ciw841.	2.9	137
16	Avian Coronavirus in Wild Aquatic Birds. <i>Journal of Virology</i> , 2011, 85, 12815-12820.	1.5	135
17	Complete Genome Sequence of a 2019 Novel Coronavirus (SARS-CoV-2) Strain Isolated in Nepal. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	122
18	Epidemiological Characteristics of 2009 (H1N1) Pandemic Influenza Based on Paired Sera from a Longitudinal Community Cohort Study. <i>PLoS Medicine</i> , 2011, 8, e1000442.	3.9	103

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19	Dromedary Camels and the Transmission of Middle East Respiratory Syndrome Coronavirus (MERS-CoV). <i>Transboundary and Emerging Diseases</i> , 2017, 64, 344-353.	1.3	100
20	Genomic characterizations of bat coronaviruses (1A, 1B and HKU8) and evidence for co-infections in <i>Miniopterus</i> bats. <i>Journal of General Virology</i> , 2008, 89, 1282-1287.	1.3	92
21	Detection of diverse astroviruses from bats in China. <i>Journal of General Virology</i> , 2009, 90, 883-887.	1.3	91
22	Detection of novel astroviruses in urban brown rats and previously known astroviruses in humans. <i>Journal of General Virology</i> , 2010, 91, 2457-2462.	1.3	91
23	Tropism and replication of Middle East respiratory syndrome coronavirus from dromedary camels in the human respiratory tract: an in-vitro and ex-vivo study. <i>Lancet Respiratory Medicine</i> , 2014, 2, 813-822.	5.2	86
24	A Novel Group of Avian Astroviruses in Wild Aquatic Birds. <i>Journal of Virology</i> , 2012, 86, 13772-13778.	1.5	69
25	Coronaviruses in bent-winged bats (<i>Miniopterus</i> spp.). <i>Journal of General Virology</i> , 2006, 87, 2461-2466.	1.3	68
26	Characterization of a novel gyrovirus in human stool and chicken meat. <i>Journal of Clinical Virology</i> , 2012, 55, 209-213.	1.6	68
27	Asymptomatic MERS-CoV Infection in Humans Possibly Linked to Infected Dromedaries Imported from Oman to United Arab Emirates, May 2015. <i>Emerging Infectious Diseases</i> , 2015, 21, 2197-2200.	2.0	66
28	Molecular Epidemiology of Hospital Outbreak of Middle East Respiratory Syndrome, Riyadh, Saudi Arabia, 2014. <i>Emerging Infectious Diseases</i> , 2015, 21, 1981-1988.	2.0	60
29	Middle East respiratory syndrome coronavirus (MERS-CoV) in dromedary camels in Nigeria, 2015. <i>Eurosurveillance</i> , 2015, 20, .	3.9	59
30	Estimating Infection Attack Rates and Severity in Real Time during an Influenza Pandemic: Analysis of Serial Cross-Sectional Serologic Surveillance Data. <i>PLoS Medicine</i> , 2011, 8, e1001103.	3.9	58
31	Quantification of Influenza Virus RNA in Aerosols in Patient Rooms. <i>PLoS ONE</i> , 2016, 11, e0148669.	1.1	51
32	The first case study of wastewater-based epidemiology of COVID-19 in Hong Kong. <i>Science of the Total Environment</i> , 2021, 790, 148000.	3.9	50
33	Incidence of Influenza Virus Infections in Children in Hong Kong in a 3-Year Randomized Placebo-Controlled Vaccine Study, 2009-2012. <i>Clinical Infectious Diseases</i> , 2014, 59, 517-524.	2.9	46
34	Inferring Influenza Infection Attack Rate from Seroprevalence Data. <i>PLoS Pathogens</i> , 2014, 10, e1004054.	2.1	46
35	Absence of MERS-Coronavirus in Bactrian Camels, Southern Mongolia, November 2014. <i>Emerging Infectious Diseases</i> , 2015, 21, 1269-1271.	2.0	43
36	Multivariate analyses of codon usage of SARS-CoV-2 and other betacoronaviruses. <i>Virus Evolution</i> , 2020, 6, veaa032.	2.2	39

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37	Cross-sectional study of MERS-CoV-specific RNA and antibodies in animals that have had contact with MERS patients in Saudi Arabia. <i>Journal of Infection and Public Health</i> , 2018, 11, 331-338.	1.9	38
38	Relative incidence and individual-level severity of seasonal influenza A H3N2 compared with 2009 pandemic H1N1. <i>BMC Infectious Diseases</i> , 2017, 17, 337.	1.3	37
39	Coronavirus infections in horses in Saudi Arabia and Oman. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 2093-2103.	1.3	35
40	Viral genetic sequence variations in pandemic H1N1/2009 and seasonal H3N2 influenza viruses within an individual, a household and a community. <i>Journal of Clinical Virology</i> , 2011, 52, 146-150.	1.6	31
41	Diversity of Dromedary Camel Coronavirus HKU23 in African Camels Revealed Multiple Recombination Events among Closely Related Betacoronaviruses of the Subgenus Embecovirus. <i>Journal of Virology</i> , 2019, 93, .	1.5	29
42	Absence of Detectable Influenza RNA Transmitted via Aerosol during Various Human Respiratory Activities – Experiments from Singapore and Hong Kong. <i>PLoS ONE</i> , 2014, 9, e107338.	1.1	21
43	Phenotypic and genetic characterization of MERS coronaviruses from Africa to understand their zoonotic potential. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	20
44	Swine influenza viruses in Northern Vietnam in 2013–2014. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-16.	3.0	19
45	Presence of Influenza Virus on Touch Surfaces in Kindergartens and Primary Schools. <i>Journal of Infectious Diseases</i> , 2020, 222, 1329-1333.	1.9	18
46	Evaluation on the use of Nanopore sequencing for direct characterization of coronaviruses from respiratory specimens, and a study on emerging missense mutations in partial RdRP gene of SARS-CoV-2. <i>Virology Journal</i> , 2020, 17, 183.	1.4	17
47	Surveillance for Coronaviruses in Bats, Lebanon and Egypt, 2013–2015. <i>Emerging Infectious Diseases</i> , 2016, 22, 148-150.	2.0	15
48	Coronaviruses in guano from <i>Pteropus medius</i> bats in Peradeniya, Sri Lanka. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1122-1124.	1.3	15
49	A six-plex droplet digital RT-qPCR assay for seasonal influenza virus typing, subtyping, and lineage determination. <i>Influenza and Other Respiratory Viruses</i> , 2020, 14, 720-729.	1.5	14
50	Genetic analysis of H7N9 highly pathogenic avian influenza virus in Guangdong, China, 2016–2017. <i>Journal of Infection</i> , 2018, 76, 93-96.	1.7	12
51	West Nile virus infection in horses in Saudi Arabia (in 2013–2015). <i>Zoonoses and Public Health</i> , 2019, 66, 248-253.	0.9	10
52	Influenza A Virus Infections in Dromedary Camels, Nigeria and Ethiopia, 2015–2017. <i>Emerging Infectious Diseases</i> , 2020, 26, 173-176.	2.0	8
53	Phylogenetic Analysis of MERS-CoV in a Camel Abattoir, Saudi Arabia, 2016–2018. <i>Emerging Infectious Diseases</i> , 2020, 26, 3089-3091.	2.0	8
54	A 12-year retrospective evaluation of anal pre-cancerous lesions and cancer in people living with HIV-1 infection in the Southeastern U.S. <i>Infectious Agents and Cancer</i> , 2021, 16, 14.	1.2	8

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55	Circulation of Influenza A(H5N8) Virus, Saudi Arabia. <i>Emerging Infectious Diseases</i> , 2018, 24, 1961-1964.	2.0	6
56	Maternal Antibodies Against Influenza in Cord Blood and Protection Against Laboratory-Confirmed Influenza in Infants. <i>Clinical Infectious Diseases</i> , 2020, 71, 1741-1748.	2.9	6
57	Variation by lineage in serum antibody responses to influenza B virus infections. <i>PLoS ONE</i> , 2020, 15, e0241693.	1.1	6
58	Molecular characterisation of an avian influenza (H5N8) outbreak in backyard flocks in Al Ahsa, Eastern Saudi Arabia, 2017â€“2018. <i>Veterinary Record Open</i> , 2019, 6, e000362.	0.3	5
59	Viral RNA and infectious influenza virus on mobile phones of influenza patients in Hong Kong and the United States. <i>Journal of Infectious Diseases</i> , 2021, , .	1.9	5
60	A serial cross-sectional serologic survey of 2009 Pandemic (H1N1) in Hong Kong: implications for future pandemic influenza surveillance. <i>Influenza and Other Respiratory Viruses</i> , 2011, 5, 190-4.	1.5	4
61	Novel coronaviruses and astroviruses in bats. <i>Virologica Sinica</i> , 2009, 24, 100-104.	1.2	3
62	The effectiveness of influenza vaccination against medically-attended illnesses in Hong Kong across three years with different degrees of vaccine match, 2014â€“17. <i>Vaccine</i> , 2018, 36, 6117-6123.	1.7	3
63	Evidence of equine influenza A (H3N8) activity in horses from Eastern and Central Saudi Arabia: 2013â€“2015. <i>Equine Veterinary Journal</i> , 2019, 51, 218-221.	0.9	3
64	A46â€“fMERS-CoV in Arabian camels in Africa and Central Asia. <i>Virus Evolution</i> , 2017, 3, .	2.2	2
65	A52â€“fMERS coronaviruses from camels in Africa exhibit region-dependent genetic diversity. <i>Virus Evolution</i> , 2019, 5, .	2.2	1
66	A54â€“fGenomic analysis of camel-HKU23 in Nigeria dromedary camels reveals strain-specific cross-species recombination. <i>Virus Evolution</i> , 2019, 5, .	2.2	0