

D K W Chu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67
papers

6,175
citations

34
h-index

71
g-index

71
ext. papers

7,619
ext. citations

9.7
avg, IF

6.12
L-index

#	Paper	IF	Citations
67	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,	11.5	9
66	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	3.5	0
65	The first case study of wastewater-based epidemiology of COVID-19 in Hong Kong. <i>Science of the Total Environment</i> , 2021 , 790, 148000	10.2	17
64	Multivariate analyses of codon usage of SARS-CoV-2 and other betacoronaviruses. <i>Virus Evolution</i> , 2020 , 6, veaa032	3.7	24
63	A six-plex droplet digital RT-PCR assay for seasonal influenza virus typing, subtyping, and lineage determination. <i>Influenza and Other Respiratory Viruses</i> , 2020 , 14, 720-729	5.6	7
62	Presence of Influenza Virus on Touch Surfaces in Kindergartens and Primary Schools. <i>Journal of Infectious Diseases</i> , 2020 , 222, 1329-1333	7	7
61	Respiratory virus shedding in exhaled breath and efficacy of face masks. <i>Nature Medicine</i> , 2020 , 26, 676-680	35	1108
60	Complete Genome Sequence of a 2019 Novel Coronavirus (SARS-CoV-2) Strain Isolated in Nepal. <i>Microbiology Resource Announcements</i> , 2020 , 9,	1.3	81
59	Molecular Diagnosis of a Novel Coronavirus (2019-nCoV) Causing an Outbreak of Pneumonia. <i>Clinical Chemistry</i> , 2020 , 66, 549-555	5.5	794
58	Remdesivir, lopinavir, emetine, and homoharringtonine inhibit SARS-CoV-2 replication in vitro. <i>Antiviral Research</i> , 2020 , 178, 104786	10.8	528
57	Variation by lineage in serum antibody responses to influenza B virus infections. <i>PLoS ONE</i> , 2020 , 15, e0241693	3.7	0
56	The first 2019 novel coronavirus case in Nepal. <i>Lancet Infectious Diseases</i> , 2020 , 20, 279-280	25.5	129
55	A Rare Deletion in SARS-CoV-2 ORF6 Dramatically Alters the Predicted Three-Dimensional Structure of the Resultant Protein 2020 ,		12
54	Maternal Antibodies Against Influenza in Cord Blood and Protection Against Laboratory-Confirmed Influenza in Infants. <i>Clinical Infectious Diseases</i> , 2020 , 71, 1741-1748	11.6	3
53	Influenza A Virus Infections in Dromedary Camels, Nigeria and Ethiopia, 2015-2017. <i>Emerging Infectious Diseases</i> , 2020 , 26, 173-176	10.2	4
52	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	6.1	10
51	Phylogenetic Analysis of MERS-CoV in a Camel Abattoir, Saudi Arabia, 2016-2018. <i>Emerging Infectious Diseases</i> , 2020 , 26, 3089-3091	10.2	5

50	Infection of dogs with SARS-CoV-2. <i>Nature</i> , 2020 , 586, 776-778	50.4	359
49	ORF8 and ORF3b antibodies are accurate serological markers of early and late SARS-CoV-2 infection. <i>Nature Immunology</i> , 2020 , 21, 1293-1301	19.1	119
48	A52 MERS coronaviruses from camels in Africa exhibit region-dependent genetic diversity. <i>Virus Evolution</i> , 2019 , 5,	3.7	1
47	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,	6.6	16
46	Evidence of equine influenza A (H3N8) activity in horses from Eastern and Central Saudi Arabia: 2013-2015. <i>Equine Veterinary Journal</i> , 2019 , 51, 218-221	2.4	1
45	A54 Genomic analysis of camel-HKU23 in Nigeria dromedary camels reveals strain-specific cross-species recombination. <i>Virus Evolution</i> , 2019 , 5,	3.7	78
44	Molecular characterisation of an avian influenza (H5N8) outbreak in backyard flocks in Al Ahsa, Eastern Saudi Arabia, 2017-2018. <i>Veterinary Record Open</i> , 2019 , 6, e000362	1.4	2
43	West Nile virus infection in horses in Saudi Arabia (in 2013-2015). <i>Zoonoses and Public Health</i> , 2019 , 66, 248-253	2.9	7
42	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	11.5	105
41	Coronaviruses in guano from <i>Pteropus medius</i> bats in Peradeniya, Sri Lanka. <i>Transboundary and Emerging Diseases</i> , 2018 , 65, 1122-1124	4.2	6
40	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	7.4	28
39	Genetic analysis of H7N9 highly pathogenic avian influenza virus in Guangdong, China, 2016-2017. <i>Journal of Infection</i> , 2018 , 76, 93-96	18.9	10
38	Circulation of Influenza A(H5N8) Virus, Saudi Arabia. <i>Emerging Infectious Diseases</i> , 2018 , 24, 1961-1964	10.2	5
37	The effectiveness of influenza vaccination against medically-attended illnesses in Hong Kong across three years with different degrees of vaccine match, 2014-17. <i>Vaccine</i> , 2018 , 36, 6117-6123	4.1	2
36	Swine influenza viruses in Northern Vietnam in 2013-2014. <i>Emerging Microbes and Infections</i> , 2018 , 7, 123	18.9	14
35	Dromedary Camels and the Transmission of Middle East Respiratory Syndrome Coronavirus (MERS-CoV). <i>Transboundary and Emerging Diseases</i> , 2017 , 64, 344-353	4.2	84
34	Coronavirus infections in horses in Saudi Arabia and Oman. <i>Transboundary and Emerging Diseases</i> , 2017 , 64, 2093-2103	4.2	31
33	Human Infection with Highly Pathogenic Avian Influenza A(H7N9) Virus, China. <i>Emerging Infectious Diseases</i> , 2017 , 23, 1332-1340	10.2	110

32	A46 MERS-CoV in Arabian camels in Africa and Central Asia. <i>Virus Evolution</i> , 2017 , 3,	3.7	2
31	Relative incidence and individual-level severity of seasonal influenza A H3N2 compared with 2009 pandemic H1N1. <i>BMC Infectious Diseases</i> , 2017 , 17, 337	4	29
30	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
29	Quantification of Influenza Virus RNA in Aerosols in Patient Rooms. <i>PLoS ONE</i> , 2016 , 11, e0148669	3.7	38
28	Surveillance for Coronaviruses in Bats, Lebanon and Egypt, 2013-2015. <i>Emerging Infectious Diseases</i> , 2016 , 22, 148-50	10.2	8
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, 2197-200	10.2	56
26	Absence of MERS-Coronavirus in Bactrian Camels, Southern Mongolia, November 2014. <i>Emerging Infectious Diseases</i> , 2015 , 21, 1269-71	10.2	37
25	Molecular Epidemiology of Hospital Outbreak of Middle East Respiratory Syndrome, Riyadh, Saudi Arabia, 2014. <i>Emerging Infectious Diseases</i> , 2015 , 21, 1981-8	10.2	52
24	Middle East respiratory syndrome coronavirus (MERS-CoV) in dromedary camels in Nigeria, 2015. <i>Eurosurveillance</i> , 2015 , 20,	19.8	52
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, 813-22	35.1	77
22	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	3.7	19
21	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, 517-24	11.6	31
20	Inferring influenza infection attack rate from seroprevalence data. <i>PLoS Pathogens</i> , 2014 , 10, e1004054	7.6	38
19	MERS coronavirus in dromedary camel herd, Saudi Arabia. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1231-4	10.2	199
18	MERS coronaviruses in dromedary camels, Egypt. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1049-53	10.2	221
17	A case for the ancient origin of coronaviruses. <i>Journal of Virology</i> , 2013 , 87, 7039-45	6.6	131
16	A novel group of avian astroviruses in wild aquatic birds. <i>Journal of Virology</i> , 2012 , 86, 13772-8	6.6	52
15	Characterization of a novel gyrovirus in human stool and chicken meat. <i>Journal of Clinical Virology</i> , 2012 , 55, 209-13	14.5	59

14	Astrovirus Infections in Animal Mammalian Species 2012 , 135-149		1
13	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, 146-50	14.5	27
12	Avian coronavirus in wild aquatic birds. <i>Journal of Virology</i> , 2011 , 85, 12815-20	6.6	99
11	Epidemiological characteristics of 2009 (H1N1) pandemic influenza based on paired sera from a longitudinal community cohort study. <i>PLoS Medicine</i> , 2011 , 8, e1000442	11.6	93
10	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	11.6	52
9	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	5.6	4
8	The infection attack rate and severity of 2009 pandemic H1N1 influenza in Hong Kong. <i>Clinical Infectious Diseases</i> , 2010 , 51, 1184-91	11.6	160
7	Detection of novel astroviruses in urban brown rats and previously known astroviruses in humans. <i>Journal of General Virology</i> , 2010 , 91, 2457-62	4.9	78
6	Detection of diverse astroviruses from bats in China. <i>Journal of General Virology</i> , 2009 , 90, 883-887	4.9	81
5	Novel coronaviruses and astroviruses in bats. <i>Virologica Sinica</i> , 2009 , 24, 100-104	6.4	3
4	Genomic characterizations of bat coronaviruses (1A, 1B and HKU8) and evidence for co-infections in Miniopterus bats. <i>Journal of General Virology</i> , 2008 , 89, 1282-1287	4.9	81
3	Novel astroviruses in insectivorous bats. <i>Journal of Virology</i> , 2008 , 82, 9107-14	6.6	205
2	Coronaviruses in bent-winged bats (<i>Miniopterus</i> spp.). <i>Journal of General Virology</i> , 2006 , 87, 2461-2466	4.9	63
1	Identification of a novel coronavirus in bats. <i>Journal of Virology</i> , 2005 , 79, 2001-9	6.6	285