

Peiris, Jsm

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291
papers

25,762
citations

65
h-index

158
g-index

322
ext. papers

32,868
ext. citations

12.3
avg, IF

7.49
L-index

#	Paper	IF	Citations
291	Detection of 2019 novel coronavirus (2019-nCoV) by real-time RT-PCR. <i>Eurosurveillance</i> , 2020 , 25,	19.8	4027
290	Origins and evolutionary genomics of the 2009 swine-origin H1N1 influenza A epidemic. <i>Nature</i> , 2009 , 459, 1122-5	50.4	1535
289	Respiratory virus shedding in exhaled breath and efficacy of face masks. <i>Nature Medicine</i> , 2020 , 26, 676-680;	68.5	1108
288	Viral dynamics in mild and severe cases of COVID-19. <i>Lancet Infectious Diseases</i> , 2020 , 20, 656-657	25.5	1045
287	Stability of SARS-CoV-2 in different environmental conditions. <i>Lancet Microbe</i> , 2020 , 1, e10	22.2	967
286	Identification of oxidative stress and Toll-like receptor 4 signaling as a key pathway of acute lung injury. <i>Cell</i> , 2008 , 133, 235-49	56.2	965
285	Molecular Diagnosis of a Novel Coronavirus (2019-nCoV) Causing an Outbreak of Pneumonia. <i>Clinical Chemistry</i> , 2020 , 66, 549-555	5.5	794
284	Pathogenesis and transmission of SARS-CoV-2 in golden hamsters. <i>Nature</i> , 2020 , 583, 834-838	50.4	713
283	Update on avian influenza A (H5N1) virus infection in humans. <i>New England Journal of Medicine</i> , 2008 , 358, 261-73	59.2	702
282	Avian influenza virus (H5N1): a threat to human health. <i>Clinical Microbiology Reviews</i> , 2007 , 20, 243-67	34	667
281	Remdesivir, lopinavir, emetine, and homoharringtonine inhibit SARS-CoV-2 replication in vitro. <i>Antiviral Research</i> , 2020 , 178, 104786	10.8	528
280	Systems biological assessment of immunity to mild versus severe COVID-19 infection in humans. <i>Science</i> , 2020 , 369, 1210-1220	33.3	485
279	Influenza. <i>Nature Reviews Disease Primers</i> , 2018 , 4, 3	51.1	437
278	Sensitive and inexpensive molecular test for falciparum malaria: detecting Plasmodium falciparum DNA directly from heat-treated blood by loop-mediated isothermal amplification. <i>Clinical Chemistry</i> , 2006 , 52, 303-6	5.5	364
277	Infection of dogs with SARS-CoV-2. <i>Nature</i> , 2020 , 586, 776-778	50.4	359
276	Children with respiratory disease associated with metapneumovirus in Hong Kong. <i>Emerging Infectious Diseases</i> , 2003 , 9, 628-33	10.2	337
275	Kinetics of viral load and antibody response in relation to COVID-19 severity. <i>Journal of Clinical Investigation</i> , 2020 , 130, 5235-5244	15.9	323

274	Tropism, replication competence, and innate immune responses of the coronavirus SARS-CoV-2 in human respiratory tract and conjunctiva: an analysis in ex-vivo and in-vitro cultures. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 687-695	35.1	304
273	Three Indonesian clusters of H5N1 virus infection in 2005. <i>New England Journal of Medicine</i> , 2006 , 355, 2186-94	59.2	292
272	Virology, transmission, and pathogenesis of SARS-CoV-2. <i>BMJ, The</i> , 2020 , 371, m3862	5.9	271
271	Cross-reactive Antibody Response between SARS-CoV-2 and SARS-CoV Infections. <i>Cell Reports</i> , 2020 , 31, 107725	10.6	263
270	Emergence of a novel swine-origin influenza A virus (S-OIV) H1N1 virus in humans. <i>Journal of Clinical Virology</i> , 2009 , 45, 169-73	14.5	252
269	MERS coronaviruses in dromedary camels, Egypt. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1049-53	10.2	221
268	Serological assays for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), March 2020. <i>Eurosurveillance</i> , 2020 , 25,	19.8	220
267	Sialic acid receptor detection in the human respiratory tract: evidence for widespread distribution of potential binding sites for human and avian influenza viruses. <i>Respiratory Research</i> , 2007 , 8, 73	7.3	202
266	Characterization of the influenza A virus gene pool in avian species in southern China: was H6N1 a derivative or a precursor of H5N1?. <i>Journal of Virology</i> , 2000 , 74, 6309-15	6.6	183
265	Long-term evolution and transmission dynamics of swine influenza A virus. <i>Nature</i> , 2011 , 473, 519-22	50.4	178
264	Evolving complexities of influenza virus and its receptors. <i>Trends in Microbiology</i> , 2008 , 16, 149-57	12.4	167
263	MERS-CoV Antibody Responses 1 Year after Symptom Onset, South Korea, 2015. <i>Emerging Infectious Diseases</i> , 2017 , 23, 1079-1084	10.2	166
262	Neutralizing antibody titres in SARS-CoV-2 infections. <i>Nature Communications</i> , 2021 , 12, 63	17.4	158
261	SARS-CoV-2 Virus Culture and Subgenomic RNA for Respiratory Specimens from Patients with Mild Coronavirus Disease. <i>Emerging Infectious Diseases</i> , 2020 , 26, 2701-2704	10.2	141
260	The severe acute respiratory syndrome (SARS) coronavirus NTPase/helicase belongs to a distinct class of 5Qto 3Q viral helicases. <i>Journal of Biological Chemistry</i> , 2003 , 278, 39578-82	5.4	140
259	Protective efficacy of seasonal influenza vaccination against seasonal and pandemic influenza virus infection during 2009 in Hong Kong. <i>Clinical Infectious Diseases</i> , 2010 , 51, 1370-9	11.6	125
258	Human mesenchymal stromal cells reduce influenza A H5N1-associated acute lung injury in vitro and in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 3621-6	11.5	123
257	Pathogenesis of severe acute respiratory syndrome. <i>Current Opinion in Immunology</i> , 2005 , 17, 404-10	7.8	122

256	Induction of proinflammatory cytokines in primary human macrophages by influenza A virus (H5N1) is selectively regulated by IFN regulatory factor 3 and p38 MAPK. <i>Journal of Immunology</i> , 2009 , 182, 1088-98	5.3	121
255	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
254	Preliminary findings of a randomized trial of non-pharmaceutical interventions to prevent influenza transmission in households. <i>PLoS ONE</i> , 2008 , 3, e2101	3.7	117
253	p38 mitogen-activated protein kinase-dependent hyperinduction of tumor necrosis factor alpha expression in response to avian influenza virus H5N1. <i>Journal of Virology</i> , 2005 , 79, 10147-54	6.6	115
252	Time course and cellular localization of SARS-CoV nucleoprotein and RNA in lungs from fatal cases of SARS. <i>PLoS Medicine</i> , 2006 , 3, e27	11.6	114
251	Pneumonia research to reduce childhood mortality in the developing world. <i>Journal of Clinical Investigation</i> , 2008 , 118, 1291-300	15.9	111
250	Influenza virus directly infects human natural killer cells and induces cell apoptosis. <i>Journal of Virology</i> , 2009 , 83, 9215-22	6.6	109
249	Homozygous L-SIGN (CLEC4M) plays a protective role in SARS coronavirus infection. <i>Nature Genetics</i> , 2006 , 38, 38-46	36.3	109
248	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
247	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
246	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
245	Antigenic profile of avian H5N1 viruses in Asia from 2002 to 2007. <i>Journal of Virology</i> , 2008 , 82, 1798-807	6.6	91
244	SARS-CoV-2 Variants of Interest and Concern naming scheme conducive for global discourse. <i>Nature Microbiology</i> , 2021 , 6, 821-823	26.6	91
243	The effects of air pollution on mortality in socially deprived urban areas in Hong Kong, China. <i>Environmental Health Perspectives</i> , 2008 , 116, 1189-94	8.4	90
242	SARS-CoV-2 in Quarantined Domestic Cats from COVID-19 Households or Close Contacts, Hong Kong, China. <i>Emerging Infectious Diseases</i> , 2020 , 26, 3071-3074	10.2	90
241	Antiviral resistance among highly pathogenic influenza A (H5N1) viruses isolated worldwide in 2002-2012 shows need for continued monitoring. <i>Antiviral Research</i> , 2013 , 98, 297-304	10.8	88
240	Emergence of a novel human coronavirus threatening human health. <i>Nature Medicine</i> , 2020 , 26, 317-319	50.5	87
239	Severe acute respiratory syndrome and dentistry: a retrospective view. <i>Journal of the American Dental Association</i> , 2004 , 135, 1292-302	1.9	86

238	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
237	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
236	A Comparative Study of Clinical Presentation and Risk Factors for Adverse Outcome in Patients Hospitalised with Acute Respiratory Disease Due to MERS Coronavirus or Other Causes. <i>PLoS ONE</i> , 2016 , 11, e0165978	3.7	76
235	Tropism and innate host responses of a novel avian influenza A H7N9 virus: an analysis of ex-vivo and in-vitro cultures of the human respiratory tract. <i>Lancet Respiratory Medicine</i> , 2013 , 1, 534-42	35.1	75
234	Inhibition of human natural killer cell activity by influenza virions and hemagglutinin. <i>Journal of Virology</i> , 2010 , 84, 4148-57	6.6	75
233	Generation and characterization of influenza A viruses with altered polymerase fidelity. <i>Nature Communications</i> , 2014 , 5, 4794	17.4	72
232	Influenza A Virus Shedding and Infectivity in Households. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1420-8		72
231	Therapeutic Implications of Human Umbilical Cord Mesenchymal Stromal Cells in Attenuating Influenza A(H5N1) Virus-Associated Acute Lung Injury. <i>Journal of Infectious Diseases</i> , 2019 , 219, 186-196	7	71
230	SARS-CoV-2 Omicron variant replication in human bronchus and lung ex vivo.. <i>Nature</i> , 2022 ,	50.4	70
229	Age-specific differences in the dynamics of protective immunity to influenza. <i>Nature Communications</i> , 2019 , 10, 1660	17.4	69
228	The interferon gamma gene polymorphism +874 A/T is associated with severe acute respiratory syndrome. <i>BMC Infectious Diseases</i> , 2006 , 6, 82	4	68
227	Lack of middle East respiratory syndrome coronavirus transmission from infected camels. <i>Emerging Infectious Diseases</i> , 2015 , 21, 699-701	10.2	67
226	Association between antibody titers and protection against influenza virus infection within households. <i>Journal of Infectious Diseases</i> , 2014 , 210, 684-92	7	65
225	Glycomic characterization of respiratory tract tissues of ferrets: implications for its use in influenza virus infection studies. <i>Journal of Biological Chemistry</i> , 2014 , 289, 28489-504	5.4	65
224	What can we expect from first-generation COVID-19 vaccines?. <i>Lancet, The</i> , 2020 , 396, 1467-1469	40	65
223	Infection fatality risk of the pandemic A(H1N1)2009 virus in Hong Kong. <i>American Journal of Epidemiology</i> , 2013 , 177, 834-40	3.8	64
222	Differential onset of apoptosis in influenza A virus H5N1- and H1N1-infected human blood macrophages. <i>Journal of General Virology</i> , 2007 , 88, 1275-1280	4.9	64
221	H5-type influenza virus hemagglutinin is functionally recognized by the natural killer-activating receptor NKp44. <i>Journal of Virology</i> , 2008 , 82, 2028-32	6.6	63

220	Early diagnosis of primary human herpesvirus 6 infection in childhood: serology, polymerase chain reaction, and virus load. <i>Journal of Infectious Diseases</i> , 1998 , 178, 1250-6	7	63
219	Interventions to reduce zoonotic and pandemic risks from avian influenza in Asia. <i>Lancet Infectious Diseases</i> , 2016 , 16, 252-8	25.5	61
218	SARS-CoV antibody prevalence in all Hong Kong patient contacts. <i>Emerging Infectious Diseases</i> , 2004 , 10, 1653-6	10.2	61
217	Passive immunotherapy with dromedary immune serum in an experimental animal model for Middle East respiratory syndrome coronavirus infection. <i>Journal of Virology</i> , 2015 , 89, 6117-20	6.6	60
216	Expansion of genotypic diversity and establishment of 2009 H1N1 pandemic-origin internal genes in pigs in China. <i>Journal of Virology</i> , 2014 , 88, 10864-74	6.6	60
215	DAS181 inhibits H5N1 influenza virus infection of human lung tissues. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 3935-41	5.9	60
214	Probable Transmission of SARS-CoV-2 Omicron Variant in Quarantine Hotel, Hong Kong, China, November 2021. <i>Emerging Infectious Diseases</i> , 2021 , 28,	10.2	60
213	Tropism, replication competence, and innate immune responses of influenza virus: an analysis of human airway organoids and ex-vivo bronchus cultures. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 846-854	25.1	57
212	Estimation of the association between antibody titers and protection against confirmed influenza virus infection in children. <i>Journal of Infectious Diseases</i> , 2013 , 208, 1320-4	7	54
211	Is exercise protective against influenza-associated mortality?. <i>PLoS ONE</i> , 2008 , 3, e2108	3.7	54
210	Immunogenicity and safety of intradermal influenza immunization at a reduced dose in healthy children. <i>Pediatrics</i> , 2007 , 119, 1076-82	7.4	53
209	Effect of interventions on influenza A (H9N2) isolation in Hong Kong live poultry markets, 1999-2005. <i>Emerging Infectious Diseases</i> , 2007 , 13, 1340-7	10.2	52
208	Longitudinal study of Middle East Respiratory Syndrome coronavirus infection in dromedary camel herds in Saudi Arabia, 2014-2015. <i>Emerging Microbes and Infections</i> , 2017 , 6, e56	18.9	51
207	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
206	Risk factors for MERS coronavirus infection in dromedary camels in Burkina Faso, Ethiopia, and Morocco, 2015. <i>Eurosurveillance</i> , 2017 , 22,	19.8	50
205	SARS coronavirus detection methods. <i>Emerging Infectious Diseases</i> , 2005 , 11, 1108-11	10.2	49
204	Severe acute respiratory syndrome coronavirus Orf3a protein interacts with caveolin. <i>Journal of General Virology</i> , 2007 , 88, 3067-3077	4.9	48
203	Defining the sizes of airborne particles that mediate influenza transmission in ferrets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E2386-E2392	11.5	47

202	Evaluation of a SARS-CoV-2 Surrogate Virus Neutralization Test for Detection of Antibody in Human, Canine, Cat, and Hamster Sera. <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	47
201	Avian influenza H5-containing virus-like particles (VLPs): host-cell receptor specificity by STD NMR spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 1910-2	16.4	46
200	Protective efficacy against pandemic influenza of seasonal influenza vaccination in children in Hong Kong: a randomized controlled trial. <i>Clinical Infectious Diseases</i> , 2012 , 55, 695-702	11.6	45
199	Reliable universal RT-PCR assays for studying influenza polymerase subunit gene sequences from all 16 haemagglutinin subtypes. <i>Journal of Virological Methods</i> , 2007 , 142, 218-22	2.6	44
198	Comparison of the NucliSens easyMAG and Qiagen BioRobot 9604 nucleic acid extraction systems for detection of RNA and DNA respiratory viruses in nasopharyngeal aspirate samples. <i>Journal of Clinical Microbiology</i> , 2008 , 46, 2195-9	9.7	43
197	Nosocomial outbreak of parvovirus B19 infection in a renal transplant unit. <i>Transplantation</i> , 2001 , 71, 59-64	1.8	42
196	Antibody Profiles in Mild and Severe Cases of COVID-19. <i>Clinical Chemistry</i> , 2020 , 66, 1102-1104	5.5	41
195	Recognition of Double-Stranded RNA and Regulation of Interferon Pathway by Toll-Like Receptor 10. <i>Frontiers in Immunology</i> , 2018 , 9, 516	8.4	41
194	Poultry drinking water used for avian influenza surveillance. <i>Emerging Infectious Diseases</i> , 2007 , 13, 1380-2	10.2	41
193	Cross-reactive antibody response between SARS-CoV-2 and SARS-CoV infections 2020 ,		40
192	In-Flight Transmission of SARS-CoV-2. <i>Emerging Infectious Diseases</i> , 2020 , 26, 2713-2716	10.2	39
191	Inferring influenza infection attack rate from seroprevalence data. <i>PLoS Pathogens</i> , 2014 , 10, e1004054	7.6	38
190	Social contacts and the locations in which they occur as risk factors for influenza infection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20140709	4.4	38
189	Neutralizing antibodies against the SARS-CoV-2 Omicron variant following homologous and heterologous CoronaVac or BNT162b2 vaccination.. <i>Nature Medicine</i> , 2022 ,	50.5	38
188	Effect of interferon alpha and cyclosporine treatment separately and in combination on Middle East Respiratory Syndrome Coronavirus (MERS-CoV) replication in a human in-vitro and ex-vivo culture model. <i>Antiviral Research</i> , 2018 , 155, 89-96	10.8	38
187	Absence of MERS-Coronavirus in Bactrian Camels, Southern Mongolia, November 2014. <i>Emerging Infectious Diseases</i> , 2015 , 21, 1269-71	10.2	37
186	International Laboratory Comparison of Influenza Microneutralization Assays for A(H1N1)pdm09, A(H3N2), and A(H5N1) Influenza Viruses by CONSISE. <i>Vaccine Journal</i> , 2015 , 22, 957-64		37
185	Comparative immunogenicity of mRNA and inactivated vaccines against COVID-19. <i>Lancet Microbe, The</i> , 2021 , 2, e423	22.2	37

184	Middle East respiratory syndrome coronavirus infection in non-camelid domestic mammals. <i>Emerging Microbes and Infections</i> , 2019 , 8, 103-108	18.9	36
183	Intra-host variation and evolutionary dynamics of SARS-CoV-2 populations in COVID-19 patients. <i>Genome Medicine</i> , 2021 , 13, 30	14.4	36
182	Use of ex vivo and in vitro cultures of the human respiratory tract to study the tropism and host responses of highly pathogenic avian influenza A (H5N1) and other influenza viruses. <i>Virus Research</i> , 2013 , 178, 133-45	6.4	35
181	Smoking and Influenza-associated Morbidity and Mortality: A Systematic Review and Meta-analysis. <i>Epidemiology</i> , 2019 , 30, 405-417	3.1	35
180	Pathogenesis and transmission of SARS-CoV-2 virus in golden Syrian hamsters		34
179	Absence of Middle East Respiratory Syndrome Coronavirus in Camelids, Kazakhstan, 2015. <i>Emerging Infectious Diseases</i> , 2016 , 22, 555-7	10.2	34
178	The association of RANTES polymorphism with severe acute respiratory syndrome in Hong Kong and Beijing Chinese. <i>BMC Infectious Diseases</i> , 2007 , 7, 50	4	32
177	Interventions in live poultry markets for the control of avian influenza: a systematic review. <i>One Health</i> , 2016 , 2, 55-64	7.6	32
176	Pandemic potential of highly pathogenic avian influenza clade 2.3.4.4 A(H5) viruses. <i>Reviews in Medical Virology</i> , 2020 , 30, e2099	11.7	31
175	Anti-inflammatory and antiviral effects of indirubin derivatives in influenza A (H5N1) virus infected primary human peripheral blood-derived macrophages and alveolar epithelial cells. <i>Antiviral Research</i> , 2014 , 106, 95-104	10.8	31
174	Absence of MERS-CoV antibodies in feral camels in Australia: Implications for the pathogen origin and spread. <i>One Health</i> , 2015 , 1, 76-82	7.6	31
173	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
172	Comparative Immunogenicity of Several Enhanced Influenza Vaccine Options for Older Adults: A Randomized, Controlled Trial. <i>Clinical Infectious Diseases</i> , 2020 , 71, 1704-1714	11.6	31
171	Human Clade 2.3.4.4 A/H5N6 Influenza Virus Lacks Mammalian Adaptation Markers and Does Not Transmit via the Airborne Route between Ferrets. <i>MSphere</i> , 2018 , 3,	5	30
170	CLEC5A-Mediated Enhancement of the Inflammatory Response in Myeloid Cells Contributes to Influenza Virus Pathogenicity In Vivo. <i>Journal of Virology</i> , 2017 , 91,	6.6	30
169	Middle East Respiratory Syndrome Coronavirus (MERS-CoV) in Dromedary Camels in Africa and Middle East. <i>Viruses</i> , 2019 , 11,	6.2	29
168	Human H7N9 and H5N1 influenza viruses differ in induction of cytokines and tissue tropism. <i>Journal of Virology</i> , 2014 , 88, 12982-91	6.6	29
167	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

166	Serologic Responses in Healthy Adult with SARS-CoV-2 Reinfection, Hong Kong, August 2020. <i>Emerging Infectious Diseases</i> , 2020 , 26, 3076-3078	10.2	29
165	A more detailed picture of the epidemiology of Middle East respiratory syndrome coronavirus. <i>Lancet Infectious Diseases</i> , 2015 , 15, 495-7	25.5	28
164	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
163	Sparse evidence of MERS-CoV infection among animal workers living in Southern Saudi Arabia during 2012. <i>Influenza and Other Respiratory Viruses</i> , 2015 , 9, 64-7	5.6	27
162	Association of ICAM3 genetic variant with severe acute respiratory syndrome. <i>Journal of Infectious Diseases</i> , 2007 , 196, 271-80	7	27
161	Reduction of influenza virus-induced lung inflammation and mortality in animals treated with a phosphodiesterase-4 inhibitor and a selective serotonin reuptake inhibitor. <i>Emerging Microbes and Infections</i> , 2013 , 2, e54	18.9	26
160	Comparison of the immunogenicity of BNT162b2 and CoronaVac COVID-19 vaccines in Hong Kong. <i>Respirology</i> , 2021 ,	3.6	26
159	SARS-CoV-2 specific T cell responses are lower in children and increase with age and time after infection. <i>Nature Communications</i> , 2021 , 12, 4678	17.4	26
158	T-cell responses to MERS coronavirus infection in people with occupational exposure to dromedary camels in Nigeria: an observational cohort study. <i>Lancet Infectious Diseases</i> , 2021 , 21, 385-395	25.5	26
157	Generation of Live Attenuated Influenza Virus by Using Codon Usage Bias. <i>Journal of Virology</i> , 2015 , 89, 10762-73	6.6	25
156	Substitution at aspartic acid 1128 in the SARS coronavirus spike glycoprotein mediates escape from a S2 domain-targeting neutralizing monoclonal antibody. <i>PLoS ONE</i> , 2014 , 9, e102415	3.7	25
155	Multivariate analyses of codon usage of SARS-CoV-2 and other betacoronaviruses. <i>Virus Evolution</i> , 2020 , 6, veaa032	3.7	24
154	Adult croup: a rare but more severe condition. <i>Respiration</i> , 2000 , 67, 684-8	3.7	24
153	Individual Correlates of Infectivity of Influenza A Virus Infections in Households. <i>PLoS ONE</i> , 2016 , 11, e0154418	3.7	24
152	Clinical, virological and immunological features from patients infected with re-emergent avian-origin human H7N9 influenza disease of varying severity in Guangdong province. <i>PLoS ONE</i> , 2015 , 10, e0117846	3.7	23
151	Highly pathogenic avian influenza H5N1 virus delays apoptotic responses via activation of STAT3. <i>Scientific Reports</i> , 2016 , 6, 28593	4.9	22
150	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
149	Drug susceptibility profile and pathogenicity of H7N9 influenza virus (Anhui1 lineage) with R292K substitution. <i>Emerging Microbes and Infections</i> , 2014 , 3, e78	18.9	22

148	Tropism and innate host responses of influenza A/H5N6 virus: an analysis of and cultures of the human respiratory tract. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	21
147	Epidemiological features of influenza circulation in swine populations: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2017 , 12, e0179044	3.7	21
146	Effectiveness of influenza vaccination on influenza-associated hospitalisations over time among children in Hong Kong: a test-negative case-control study. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 925-934	35.1	20
145	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
144	Protection by universal influenza vaccine is mediated by memory CD4 T cells. <i>Vaccine</i> , 2018 , 36, 4198-4206	4.6	18
143	Novel Avian Influenza A Virus Infections of Humans. <i>Infectious Disease Clinics of North America</i> , 2019 , 33, 907-932	6.5	18
142	Age-specific epidemic waves of influenza and respiratory syncytial virus in a subtropical city. <i>Scientific Reports</i> , 2015 , 5, 10390	4.9	18
141	Avian influenza A virus (H5N1) outbreaks, Kuwait, 2007. <i>Emerging Infectious Diseases</i> , 2008 , 14, 958-61	10.2	18
140	Introduction of ORF3a-Q57H SARS-CoV-2 Variant Causing Fourth Epidemic Wave of COVID-19, Hong Kong, China. <i>Emerging Infectious Diseases</i> , 2021 , 27, 1492-1495	10.2	18
139	Transmission of H7N9 Influenza Viruses with a Polymorphism at PB2 Residue 627 in Chickens and Ferrets. <i>Journal of Virology</i> , 2015 , 89, 9939-51	6.6	17
138	Whole transcriptome analysis reveals differential gene expression profile reflecting macrophage polarization in response to influenza A H5N1 virus infection. <i>BMC Medical Genomics</i> , 2018 , 11, 20	3.7	17
137	Association of Oseltamivir Treatment With Virus Shedding, Illness, and Household Transmission of Influenza Viruses. <i>Journal of Infectious Diseases</i> , 2015 , 212, 391-6	7	17
136	MERS-CoV at the Animal-Human Interface: Inputs on Exposure Pathways from an Expert-Opinion Elicitation. <i>Frontiers in Veterinary Science</i> , 2016 , 3, 88	3.1	17
135	Influenza Hemagglutination-inhibition Antibody Titer as a Mediator of Vaccine-induced Protection for Influenza B. <i>Clinical Infectious Diseases</i> , 2019 , 68, 1713-1717	11.6	17
134	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
133	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
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