Peiris, Jsm

List of Publications by Year in descending order

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| 268 | 37,591 | 74 h-index | 179 |
|----------|----------------|--------------|----------------|
| papers | citations | | g-index |
| 322 | 322 | 322 | 53385 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|----|--|------|-----------|
| 1 | Detection of 2019 novel coronavirus (2019-nCoV) by real-time RT-PCR. Eurosurveillance, 2020, 25, . | 3.9 | 5,865 |
| 2 | Origins and evolutionary genomics of the 2009 swine-origin H1N1 influenza A epidemic. Nature, 2009, 459, 1122-1125. | 13.7 | 1,870 |
| 3 | Respiratory virus shedding in exhaled breath and efficacy of face masks. Nature Medicine, 2020, 26, 676-680. | 15.2 | 1,753 |
| 4 | Stability of SARS-CoV-2 in different environmental conditions. Lancet Microbe, The, 2020, 1, e10. | 3.4 | 1,479 |
| 5 | Viral dynamics in mild and severe cases of COVID-19. Lancet Infectious Diseases, The, 2020, 20, 656-657. | 4.6 | 1,421 |
| 6 | Pathogenesis and transmission of SARS-CoV-2 in golden hamsters. Nature, 2020, 583, 834-838. | 13.7 | 1,185 |
| 7 | Identification of Oxidative Stress and Toll-like Receptor 4 Signaling as a Key Pathway of Acute Lung Injury. Cell, 2008, 133, 235-249. | 13.5 | 1,164 |
| 8 | Molecular Diagnosis of a Novel Coronavirus (2019-nCoV) Causing an Outbreak of Pneumonia. Clinical Chemistry, 2020, 66, 549-555. | 1.5 | 1,098 |
| 9 | Systems biological assessment of immunity to mild versus severe COVID-19 infection in humans. Science, 2020, 369, 1210-1220. | 6.0 | 947 |
| 10 | Influenza. Nature Reviews Disease Primers, 2018, 4, 3. | 18.1 | 880 |
| 11 | Update on Avian Influenza A (H5N1) Virus Infection in Humans. New England Journal of Medicine, 2008, 358, 261-273. | 13.9 | 814 |
| 12 | Avian Influenza Virus (H5N1): a Threat to Human Health. Clinical Microbiology Reviews, 2007, 20, 243-267. | 5.7 | 802 |
| 13 | Remdesivir, lopinavir, emetine, and homoharringtonine inhibit SARS-CoV-2 replication in vitro. Antiviral Research, 2020, 178, 104786. | 1.9 | 737 |
| 14 | Infection of dogs with SARS-CoV-2. Nature, 2020, 586, 776-778. | 13.7 | 580 |
| 15 | SARS-CoV-2 Omicron variant replication in human bronchus and lung ex vivo. Nature, 2022, 603, 715-720. | 13.7 | 577 |
| 16 | Virology, transmission, and pathogenesis of SARS-CoV-2. BMJ, The, 2020, 371, m3862. | 3.0 | 515 |
| 17 | Kinetics of viral load and antibody response in relation to COVID-19 severity. Journal of Clinical Investigation, 2020, 130, 5235-5244. | 3.9 | 501 |
| 18 | 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. Lancet Respiratory Medicine, the, 2020, 8, 687-695. | 5.2 | 437 |

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Sensitive and Inexpensive Molecular Test for Falciparum Malaria: Detecting Plasmodium falciparum DNA Directly from Heat-Treated Blood by Loop-Mediated Isothermal Amplification,. Clinical Chemistry, 2006, 52, 303-306. | 1.5 | 422 |
| 20 | Children with Respiratory Disease Associated with Metapneumovirus in Hong Kong. Emerging Infectious Diseases, 2003, 9, 628-633. | 2.0 | 381 |
| 21 | Cross-reactive Antibody Response between SARS-CoV-2 and SARS-CoV Infections. Cell Reports, 2020, 31, 107725. | 2.9 | 353 |
| 22 | Three Indonesian Clusters of H5N1 Virus Infection in 2005. New England Journal of Medicine, 2006, 355, 2186-2194. | 13.9 | 321 |
| 23 | Serological assays for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), March 2020. Eurosurveillance, 2020, 25, . | 3.9 | 309 |
| 24 | Neutralizing antibodies against the SARS-CoV-2 Omicron variant BA.1 following homologous and heterologous CoronaVac or BNT162b2 vaccination. Nature Medicine, 2022, 28, 486-489. | 15.2 | 305 |
| 25 | Neutralizing antibody titres in SARS-CoV-2 infections. Nature Communications, 2021, 12, 63. | 5.8 | 303 |
| 26 | Emergence of a novel swine-origin influenza A virus (S-OIV) H1N1 virus in humans. Journal of Clinical Virology, 2009, 45, 169-173. | 1.6 | 302 |
| 27 | MERS Coronaviruses in Dromedary Camels, Egypt. Emerging Infectious Diseases, 2014, 20, 1049-1053. | 2.0 | 259 |
| 28 | Sialic acid receptor detection in the human respiratory tract: evidence for widespread distribution of potential binding sites for human and avian influenza viruses. Respiratory Research, 2007, 8, 73. | 1.4 | 250 |
| 29 | SARS-CoV-2 Variants of Interest and Concern naming scheme conducive for global discourse. Nature Microbiology, 2021, 6, 821-823. | 5.9 | 221 |
| 30 | Long-term evolution and transmission dynamics of swine influenza A virus. Nature, 2011, 473, 519-522. | 13.7 | 219 |
| 31 | Characterization of the Influenza A Virus Gene Pool in Avian Species in Southern China: Was H6N1 a Derivative or a Precursor of H5N1?. Journal of Virology, 2000, 74, 6309-6315. | 1.5 | 204 |
| 32 | MERS-CoV Antibody Responses 1 Year after Symptom Onset, South Korea, 2015. Emerging Infectious Diseases, 2017, 23, 1079-1084. | 2.0 | 204 |
| 33 | ORF8 and ORF3b antibodies are accurate serological markers of early and late SARS-CoV-2 infection. Nature Immunology, 2020, 21, 1293-1301. | 7.0 | 198 |
| 34 | SARS-CoV-2 Virus Culture and Subgenomic RNA for Respiratory Specimens from Patients with Mild Coronavirus Disease. Emerging Infectious Diseases, 2020, 26, 2701-2704. | 2.0 | 197 |
| 35 | Evolving complexities of influenza virus and its receptors. Trends in Microbiology, 2008, 16, 149-157. | 3.5 | 185 |
| 36 | The Severe Acute Respiratory Syndrome (SARS) Coronavirus NTPase/Helicase Belongs to a Distinct Class of $5\hat{a} \in \mathbb{Z}^2$ to $3\hat{a} \in \mathbb{Z}^2$ Viral Helicases. Journal of Biological Chemistry, 2003, 278, 39578-39582. | 1.6 | 183 |

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| 37 | Human mesenchymal stromal cells reduce influenza A H5N1-associated acute lung injury in vitro and in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3621-3626. | 3.3 | 174 |
| 38 | Probable Transmission of SARS-CoV-2 Omicron Variant in Quarantine Hotel, Hong Kong, China, November 2021. Emerging Infectious Diseases, 2022, 28, 460-462. | 2.0 | 150 |
| 39 | Preliminary Findings of a Randomized Trial of Non-Pharmaceutical Interventions to Prevent Influenza Transmission in Households. PLoS ONE, 2008, 3, e2101. | 1.1 | 145 |
| 40 | Pathogenesis of severe acute respiratory syndrome. Current Opinion in Immunology, 2005, 17, 404-410. | 2.4 | 143 |
| 41 | MERS coronaviruses from camels in Africa exhibit region-dependent genetic diversity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3144-3149. | 3.3 | 142 |
| 42 | SARS-CoV-2 in Quarantined Domestic Cats from COVID-19 Households or Close Contacts, Hong Kong, China. Emerging Infectious Diseases, 2020, 26, 3071-3074. | 2.0 | 141 |
| 43 | Transmission of SARS-CoV-2 delta variant (AY.127) from pet hamsters to humans, leading to onward human-to-human transmission: a case study. Lancet, The, 2022, 399, 1070-1078. | 6.3 | 140 |
| 44 | Protective Efficacy of Seasonal Influenza Vaccination against Seasonal and Pandemic Influenza Virus Infection during 2009 in Hong Kong. Clinical Infectious Diseases, 2010, 51, 1370-1379. | 2.9 | 139 |
| 45 | Viral shedding and transmission potential of asymptomatic and pauci-symptomatic influenza virus infections in the community. Clinical Infectious Diseases, 2017, 64, ciw841. | 2.9 | 137 |
| 46 | Induction of Proinflammatory Cytokines in Primary Human Macrophages by Influenza A Virus (H5N1) Is Selectively Regulated by IFN Regulatory Factor 3 and p38 MAPK. Journal of Immunology, 2009, 182, 1088-1098. | 0.4 | 135 |
| 47 | Pneumonia research to reduce childhood mortality in the developing world. Journal of Clinical Investigation, 2008, 118, 1291-1300. | 3.9 | 132 |
| 48 | Influenza Virus Directly Infects Human Natural Killer Cells and Induces Cell Apoptosis. Journal of Virology, 2009, 83, 9215-9222. | 1.5 | 129 |
| 49 | Homozygous L-SIGN (CLEC4M) plays a protective role in SARS coronavirus infection. Nature Genetics, 2006, 38, 38-46. | 9.4 | 127 |
| 50 | Time Course and Cellular Localization of SARS-CoV Nucleoprotein and RNA in Lungs from Fatal Cases of SARS. PLoS Medicine, 2006, 3, e27. | 3.9 | 127 |
| 51 | Comparison of the immunogenicity of <scp>BNT162b2</scp> and <scp>CoronaVac COVID</scp> â€19 vaccines in Hong Kong. Respirology, 2022, 27, 301-310. | 1.3 | 127 |
| 52 | p38 Mitogen-Activated Protein Kinase-Dependent Hyperinduction of Tumor Necrosis Factor Alpha Expression in Response to Avian Influenza Virus H5N1. Journal of Virology, 2005, 79, 10147-10154. | 1.5 | 125 |
| 53 | Emergence of a novel human coronavirus threatening human health. Nature Medicine, 2020, 26, 317-319. | 15.2 | 125 |
| 54 | Complete Genome Sequence of a 2019 Novel Coronavirus (SARS-CoV-2) Strain Isolated in Nepal. Microbiology Resource Announcements, 2020, 9, . | 0.3 | 122 |

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| 55 | Severe acute respiratory syndrome and dentistry. Journal of the American Dental Association, 2004, 135, 1292-1302. | 0.7 | 119 |
| 56 | The Effects of Air Pollution on Mortality in Socially Deprived Urban Areas in Hong Kong, China. Environmental Health Perspectives, 2008, 116, 1189-1194. | 2.8 | 112 |
| 57 | Comparative immunogenicity of mRNA and inactivated vaccines against COVID-19. Lancet Microbe, The, 2021, 2, e423. | 3.4 | 112 |
| 58 | Age-specific differences in the dynamics of protective immunity to influenza. Nature Communications, 2019, 10, 1660. | 5.8 | 107 |
| 59 | Antiviral resistance among highly pathogenic influenza A (H5N1) viruses isolated worldwide in 2002–2012 shows need for continued monitoring. Antiviral Research, 2013, 98, 297-304. | 1.9 | 105 |
| 60 | Epidemiological Characteristics of 2009 (H1N1) Pandemic Influenza Based on Paired Sera from a Longitudinal Community Cohort Study. PLoS Medicine, 2011, 8, e1000442. | 3.9 | 103 |
| 61 | Therapeutic Implications of Human Umbilical Cord Mesenchymal Stromal Cells in Attenuating Influenza A(H5N1) Virus–Associated Acute Lung Injury. Journal of Infectious Diseases, 2019, 219, 186-196. | 1.9 | 102 |
| 62 | Evaluation of a SARS-CoV-2 Surrogate Virus Neutralization Test for Detection of Antibody in Human, Canine, Cat, and Hamster Sera. Journal of Clinical Microbiology, 2021, 59, . | 1.8 | 102 |
| 63 | Antigenic Profile of Avian H5N1 Viruses in Asia from 2002 to 2007. Journal of Virology, 2008, 82, 1798-1807. | 1.5 | 100 |
| 64 | SARS-CoV-2 specific T cell responses are lower in children and increase with age and time after infection. Nature Communications, 2021, 12, 4678. | 5.8 | 100 |
| 65 | Tropism, replication competence, and innate immune responses of influenza virus: an analysis of human airway organoids and ex-vivo bronchus cultures. Lancet Respiratory Medicine,the, 2018, 6, 846-854. | 5.2 | 99 |
| 66 | Generation and characterization of influenza A viruses with altered polymerase fidelity. Nature Communications, 2014, 5, 4794. | 5.8 | 94 |
| 67 | What can we expect from first-generation COVID-19 vaccines?. Lancet, The, 2020, 396, 1467-1469. | 6.3 | 94 |
| 68 | Influenza A Virus Shedding and Infectivity in Households. Journal of Infectious Diseases, 2015, 212, 1420-1428. | 1.9 | 92 |
| 69 | 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. PLoS ONE, 2016, 11, e0165978. | 1.1 | 91 |
| 70 | 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. Lancet Respiratory Medicine, the, 2013, 1, 534-542. | 5.2 | 88 |
| 71 | Intra-host variation and evolutionary dynamics of SARS-CoV-2 populations in COVID-19 patients. Genome Medicine, 2021, 13, 30. | 3.6 | 88 |
| 72 | Tropism and replication of Middle East respiratory syndrome coronavirus from dromedary camels in the human respiratory tract: an in-vitro and ex-vivo study. Lancet Respiratory Medicine, the, 2014, 2, 813-822. | 5.2 | 86 |

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| 73 | The interferon gamma gene polymorphism +874 A/T is associated with severe acute respiratory syndrome. BMC Infectious Diseases, 2006, 6, 82. | 1.3 | 83 |
| 74 | Inhibition of Human Natural Killer Cell Activity by Influenza Virions and Hemagglutinin. Journal of Virology, 2010, 84, 4148-4157. | 1.5 | 83 |
| 75 | Infection Fatality Risk of the Pandemic A(H1N1)2009 Virus in Hong Kong. American Journal of Epidemiology, 2013, 177, 834-840. | 1.6 | 83 |
| 76 | Association Between Antibody Titers and Protection Against Influenza Virus Infection Within Households. Journal of Infectious Diseases, 2014, 210, 684-692. | 1.9 | 83 |
| 77 | Glycomic Characterization of Respiratory Tract Tissues of Ferrets. Journal of Biological Chemistry, 2014, 289, 28489-28504. | 1.6 | 82 |
| 78 | Expansion of Genotypic Diversity and Establishment of 2009 H1N1 Pandemic-Origin Internal Genes in Pigs in China. Journal of Virology, 2014, 88, 10864-10874. | 1.5 | 79 |
| 79 | Lack of Middle East Respiratory Syndrome Coronavirus Transmission from Infected Camels. Emerging Infectious Diseases, 2015, 21, 699-701. | 2.0 | 75 |
| 80 | Interventions to reduce zoonotic and pandemic risks from avian influenza in Asia. Lancet Infectious Diseases, The, 2016, 16, 252-258. | 4.6 | 75 |
| 81 | Early Diagnosis of Primary Human Herpesvirus 6 Infection in Childhood: Serology, Polymerase Chain Reaction, and Virus Load. Journal of Infectious Diseases, 1998, 178, 1250-1256. | 1.9 | 74 |
| 82 | Is Exercise Protective Against Influenza-Associated Mortality?. PLoS ONE, 2008, 3, e2108. | 1.1 | 74 |
| 83 | SARS-CoV Antibody Prevalence in All Hong Kong Patient Contacts. Emerging Infectious Diseases, 2004, 10, 1653-1656. | 2.0 | 72 |
| 84 | H5-Type Influenza Virus Hemagglutinin Is Functionally Recognized by the Natural Killer-Activating Receptor NKp44. Journal of Virology, 2008, 82, 2028-2032. | 1.5 | 71 |
| 85 | Defining the sizes of airborne particles that mediate influenza transmission in ferrets. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2386-E2392. | 3.3 | 71 |
| 86 | Recognition of Double-Stranded RNA and Regulation of Interferon Pathway by Toll-Like Receptor 10. Frontiers in Immunology, 2018, 9, 516. | 2.2 | 71 |
| 87 | Pandemic potential of highly pathogenic avian influenza clade 2.3.4.4 A(H5) viruses. Reviews in Medical Virology, 2020, 30, e2099. | 3.9 | 70 |
| 88 | Differential onset of apoptosis in influenza A virus H5N1- and H1N1-infected human blood macrophages. Journal of General Virology, 2007, 88, 1275-1280. | 1.3 | 68 |
| 89 | Severe acute respiratory syndrome coronavirus Orf3a protein interacts with caveolin. Journal of General Virology, 2007, 88, 3067-3077. | 1.3 | 68 |
| 90 | Comparative Immunogenicity of Several Enhanced Influenza Vaccine Options for Older Adults: A Randomized, Controlled Trial. Clinical Infectious Diseases, 2020, 71, 1704-1714. | 2.9 | 67 |

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|-----|--|-----|-----------|
| 91 | SARS Coronavirus Detection Methods. Emerging Infectious Diseases, 2005, 11, 1108-1111. | 2.0 | 66 |
| 92 | DAS181 Inhibits H5N1 Influenza Virus Infection of Human Lung Tissues. Antimicrobial Agents and Chemotherapy, 2009, 53, 3935-3941. | 1.4 | 66 |
| 93 | Estimation of the Association Between Antibody Titers and Protection Against Confirmed Influenza Virus Infection in Children. Journal of Infectious Diseases, 2013, 208, 1320-1324. | 1.9 | 66 |
| 94 | Passive Immunotherapy with Dromedary Immune Serum in an Experimental Animal Model for Middle East Respiratory Syndrome Coronavirus Infection. Journal of Virology, 2015, 89, 6117-6120. | 1.5 | 64 |
| 95 | In-Flight Transmission of SARS-CoV-2. Emerging Infectious Diseases, 2020, 26, 2713-2716. | 2.0 | 63 |
| 96 | Protective Efficacy Against Pandemic Influenza of Seasonal Influenza Vaccination in Children in Hong Kong: A Randomized Controlled Trial. Clinical Infectious Diseases, 2012, 55, 695-702. | 2.9 | 60 |
| 97 | Smoking and Influenza-associated Morbidity and Mortality. Epidemiology, 2019, 30, 405-417. | 1.2 | 60 |
| 98 | Immunogenicity and Safety of Intradermal Influenza Immunization at a Reduced Dose in Healthy Children. Pediatrics, 2007, 119, 1076-1082. | 1.0 | 59 |
| 99 | Longitudinal study of Middle East Respiratory Syndrome coronavirus infection in dromedary camel herds in Saudi Arabia, 2014–2015. Emerging Microbes and Infections, 2017, 6, 1-7. | 3.0 | 59 |
| 100 | Risk factors for MERS coronavirus infection in dromedary camels in Burkina Faso, Ethiopia, and Morocco, 2015. Eurosurveillance, 2017, 22, . | 3.9 | 58 |
| 101 | Antibody Profiles in Mild and Severe Cases of COVID-19. Clinical Chemistry, 2020, 66, 1102-1104. | 1.5 | 57 |
| 102 | Characterization of SARS-CoV-2 nucleocapsid protein reveals multiple functional consequences of the C-terminal domain. IScience, 2021, 24, 102681. | 1.9 | 57 |
| 103 | Long-term persistence of SARS-CoV-2 neutralizing antibody responses after infection and estimates of the duration of protection. EClinicalMedicine, 2021, 41, 101174. | 3.2 | 57 |
| 104 | Poultry Drinking Water Used for Avian Influenza Surveillance. Emerging Infectious Diseases, 2007, 13, 1380-1382. | 2.0 | 56 |
| 105 | The effectiveness of influenza vaccination in preventing hospitalizations in children in Hong Kong, 2009–2013. Vaccine, 2014, 32, 5278-5284. | 1.7 | 56 |
| 106 | Effect of Interventions on Influenza A (H9N2) Isolation in Hong Kong's Live Poultry Markets, 1999–2005. Emerging Infectious Diseases, 2007, 13, 1340-1347. | 2.0 | 54 |
| 107 | NOSOCOMIAL OUTBREAK OF PARVOVIRUS B19 INFECTION IN A RENAL TRANSPLANT UNIT12. Transplantation, 2001, 71, 59-63. | 0.5 | 52 |
| 108 | Reliable universal RT-PCR assays for studying influenza polymerase subunit gene sequences from all 16 haemagglutinin subtypes. Journal of Virological Methods, 2007, 142, 218-222. | 1.0 | 52 |

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| 109 | Avian Influenza H5â€Containing Virusâ€Like Particles (VLPs): Hostâ€Cell Receptor Specificity by STD NMR Spectroscopy. Angewandte Chemie - International Edition, 2008, 47, 1910-1912. | 7.2 | 51 |
| 110 | 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. Antiviral Research, 2018, 155, 89-96. | 1.9 | 51 |
| 111 | T-cell responses to MERS coronavirus infection in people with occupational exposure to dromedary camels in Nigeria: an observational cohort study. Lancet Infectious Diseases, The, 2021, 21, 385-395. | 4.6 | 50 |
| 112 | The first case study of wastewater-based epidemiology of COVID-19 in Hong Kong. Science of the Total Environment, 2021, 790, 148000. | 3.9 | 50 |
| 113 | Social contacts and the locations in which they occur as risk factors for influenza infection. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140709. | 1.2 | 48 |
| 114 | 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. Journal of Clinical Microbiology, 2008, 46, 2195-2199. | 1.8 | 47 |
| 115 | An early warning system for emerging SARS-CoV-2 variants. Nature Medicine, 2022, 28, 1110-1115. | 15.2 | 47 |
| 116 | Incidence of Influenza Virus Infections in Children in Hong Kong in a 3-Year Randomized Placebo-Controlled Vaccine Study, 2009-2012. Clinical Infectious Diseases, 2014, 59, 517-524. | 2.9 | 46 |
| 117 | Inferring Influenza Infection Attack Rate from Seroprevalence Data. PLoS Pathogens, 2014, 10, e1004054. | 2.1 | 46 |
| 118 | Dynamics of B cell repertoires and emergence of cross-reactive responses in patients with different severities of COVID-19. Cell Reports, 2021, 35, 109173. | 2.9 | 46 |
| 119 | Absence of MERS-Coronavirus in Bactrian Camels, Southern Mongolia, November 2014. Emerging Infectious Diseases, 2015, 21, 1269-1271. | 2.0 | 43 |
| 120 | Interventions in live poultry markets for the control of avian influenza: A systematic review. One Health, 2016, 2, 55-64. | 1.5 | 43 |
| 121 | Severity of SARS-CoV-2 Omicron BA.2 infection in unvaccinated hospitalized children: comparison to influenza and parainfluenza infections. Emerging Microbes and Infections, 2022, 11, 1742-1750. | 3.0 | 43 |
| 122 | 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. Virus Research, 2013, 178, 133-145. | 1.1 | 42 |
| 123 | Human Clade 2.3.4.4 A/H5N6 Influenza Virus Lacks Mammalian Adaptation Markers and Does Not Transmit via the Airborne Route between Ferrets. MSphere, 2018, 3, . | 1.3 | 42 |
| 124 | Middle East respiratory syndrome coronavirus infection in non-camelid domestic mammals. Emerging Microbes and Infections, 2019, 8, 103-108. | 3.0 | 42 |
| 125 | Immunogenicity and reactogenicity of SARS-CoV-2 vaccines BNT162b2 and CoronaVac in healthy adolescents. Nature Communications, 2022, 13, . | 5.8 | 42 |
| 126 | International Laboratory Comparison of Influenza Microneutralization Assays for A(H1N1)pdm09, A(H3N2), and A(H5N1) Influenza Viruses by CONSISE. Vaccine Journal, 2015, 22, 957-964. | 3.2 | 41 |

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| 127 | CLEC5A-Mediated Enhancement of the Inflammatory Response in Myeloid Cells Contributes to Influenza Virus Pathogenicity <i>In Vivo</i> . Journal of Virology, 2017, 91, . | 1.5 | 41 |
| 128 | Serologic Responses in Healthy Adult with SARS-CoV-2 Reinfection, Hong Kong, August 2020. Emerging Infectious Diseases, 2020, 26, 3076-3078. | 2.0 | 41 |
| 129 | Herpes zoster related hospitalization after inactivated (CoronaVac) and mRNA (BNT162b2) SARS-CoV-2 vaccination: A self-controlled case series and nested case-control study. The Lancet Regional Health - Western Pacific, 2022, 21, 100393. | 1.3 | 41 |
| 130 | Influenza Hemagglutination-inhibition Antibody Titer as a Mediator of Vaccine-induced Protection for Influenza B. Clinical Infectious Diseases, 2019, 68, 1713-1717. | 2.9 | 40 |
| 131 | The association of RANTES polymorphism with severe acute respiratory syndrome in Hong Kong and Beijing Chinese. BMC Infectious Diseases, 2007, 7, 50. | 1.3 | 39 |
| 132 | Multivariate analyses of codon usage of SARS-CoV-2 and other betacoronaviruses. Virus Evolution, 2020, 6, veaa032. | 2.2 | 39 |
| 133 | Generation of Live Attenuated Influenza Virus by Using Codon Usage Bias. Journal of Virology, 2015, 89, 10762-10773. | 1.5 | 38 |
| 134 | Cross-sectional study of MERS-CoV-specific RNA and antibodies in animals that have had contact with MERS patients in Saudi Arabia. Journal of Infection and Public Health, 2018, 11, 331-338. | 1.9 | 38 |
| 135 | Middle East Respiratory Syndrome Coronavirus (MERS-CoV) in Dromedary Camels in Africa and Middle East. Viruses, 2019, 11, 717. | 1.5 | 38 |
| 136 | Absence of MERS-CoV antibodies in feral camels in Australia: Implications for the pathogen's origin and spread. One Health, 2015, 1, 76-82. | 1.5 | 37 |
| 137 | Absence of Middle East Respiratory Syndrome Coronavirus in Camelids, Kazakhstan, 2015. Emerging Infectious Diseases, 2016, 22, 555-557. | 2.0 | 37 |
| 138 | Relative incidence and individual-level severity of seasonal influenza A H3N2 compared with 2009 pandemic H1N1. BMC Infectious Diseases, 2017, 17, 337. | 1.3 | 37 |
| 139 | Human H7N9 and H5N1 Influenza Viruses Differ in Induction of Cytokines and Tissue Tropism. Journal of Virology, 2014, 88, 12982-12991. | 1.5 | 36 |
| 140 | A Randomized Clinical Trial Using CoronaVac or BNT162b2 Vaccine as a Third Dose in Adults Vaccinated with Two Doses of CoronaVac. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 844-847. | 2.5 | 36 |
| 141 | Anti-inflammatory and antiviral effects of indirubin derivatives in influenza A (H5N1) virus infected primary human peripheral blood-derived macrophages and alveolar epithelial cells. Antiviral Research, 2014, 106, 95-104. | 1.9 | 34 |
| 142 | Novel Avian Influenza A Virus Infections of Humans. Infectious Disease Clinics of North America, 2019, 33, 907-932. | 1.9 | 34 |
| 143 | Tropism of influenza B viruses in human respiratory tract explants and airway organoids. European Respiratory Journal, 2019, 54, 1900008. | 3.1 | 34 |
| 144 | Association of ICAM3 Genetic Variant with Severe Acute Respiratory Syndrome. Journal of Infectious Diseases, 2007, 196, 271-280. | 1.9 | 33 |

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| 145 | Epidemiological features of influenza circulation in swine populations: A systematic review and meta-analysis. PLoS ONE, 2017, 12, e0179044. | 1.1 | 33 |
| 146 | Whole transcriptome analysis reveals differential gene expression profile reflecting macrophage polarization in response to influenza A H5N1 virus infection. BMC Medical Genomics, 2018, 11, 20. | 0.7 | 33 |
| 147 | Introduction of ORF3a-Q57H SARS-CoV-2 Variant Causing Fourth Epidemic Wave of COVID-19, Hong Kong, China. Emerging Infectious Diseases, 2021, 27, 1492-1495. | 2.0 | 33 |
| 148 | Drug susceptibility profile and pathogenicity of H7N9 influenza virus (Anhui1 lineage) with R292K substitution. Emerging Microbes and Infections, 2014, 3, 1-9. | 3.0 | 32 |
| 149 | A more detailed picture of the epidemiology of Middle East respiratory syndrome coronavirus. Lancet Infectious Diseases, The, 2015, 15, 495-497. | 4.6 | 32 |
| 150 | Nowcasting epidemics of novel pathogens: lessons from COVID-19. Nature Medicine, 2021, 27, 388-395. | 15.2 | 32 |
| 151 | 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. PLoS ONE, 2015, 10, e0125447. | 1.1 | 31 |
| 152 | Sparse evidence of MERS ―C o V infection among animal workers living in S outhern S audi A rabia during 2012. Influenza and Other Respiratory Viruses, 2015, 9, 64-67. | 1.5 | 31 |
| 153 | Adult Croup: A Rare but More Severe Condition. Respiration, 2000, 67, 684-688. | 1.2 | 30 |
| 154 | Substitution at Aspartic Acid 1128 in the SARS Coronavirus Spike Glycoprotein Mediates Escape from a S2 Domain-Targeting Neutralizing Monoclonal Antibody. PLoS ONE, 2014, 9, e102415. | 1.1 | 30 |
| 155 | Towards improving clinical management of Middle East respiratory syndrome coronavirus infection. Lancet Infectious Diseases, The, 2014, 14, 544-546. | 4.6 | 30 |
| 156 | Individual Correlates of Infectivity of Influenza A Virus Infections in Households. PLoS ONE, 2016, 11, e0154418. | 1.1 | 30 |
| 157 | Effectiveness of influenza vaccination on influenza-associated hospitalisations over time among children in Hong Kong: a test-negative case-control study. Lancet Respiratory Medicine, the, 2018, 6, 925-934. | 5.2 | 30 |
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