# Vincent J Munster

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3491008/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 208 papers | 41,038 citations | 9234 74 h-index | 2940 189 g-index |
| 258 all docs | 258 docs citations | 258 times ranked | 50804 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Aerosol and Surface Stability of SARS-CoV-2 as Compared with SARS-CoV-1. New England Journal of Medicine, 2020, 382, 1564-1567. | 13.9 | 7,369 |
| 2 | SARS and MERS: recent insights into emerging coronaviruses. Nature Reviews Microbiology, 2016, 14, 523-534. | 13.6 | 2,752 |
| 3 | Functional assessment of cell entry and receptor usage for SARS-CoV-2 and other lineage B betacoronaviruses. Nature Microbiology, 2020, 5, 562-569. | 5.9 | 2,585 |
| 4 | Safety and immunogenicity of the ChAdOx1 nCoV-19 vaccine against SARS-CoV-2: a preliminary report of a phase 1/2, single-blind, randomised controlled trial. Lancet, The, 2020, 396, 467-478. | 6.3 | 2,080 |
| 5 | Global Patterns of Influenza A Virus in Wild Birds. Science, 2006, 312, 384-388. | 6.0 | 1,619 |
| 6 | Airborne Transmission of Influenza A/H5N1 Virus Between Ferrets. Science, 2012, 336, 1534-1541. | 6.0 | 1,416 |
| 7 | Characterization of a Novel Influenza A Virus Hemagglutinin Subtype (H16) Obtained from Black-Headed Gulls. Journal of Virology, 2005, 79, 2814-2822. | 1.5 | 1,274 |
| 8 | A Novel Coronavirus Emerging in China â€" Key Questions for Impact Assessment. New England Journal of Medicine, 2020, 382, 692-694. | 13.9 | 1,104 |
| 9 | Avian influenza A virus (H7N7) associated with human conjunctivitis and a fatal case of acute respiratory distress syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1356-1361. | 3.3 | 953 |
| 10 | ChAdOx1ÂnCoV-19 vaccine prevents SARS-CoV-2 pneumonia in rhesus macaques. Nature, 2020, 586, 578-582. | 13.7 | 840 |
| 11 | Animal models for COVID-19. Nature, 2020, 586, 509-515. | 13.7 | 705 |
| 12 | Respiratory disease in rhesus macaques inoculated with SARS-CoV-2. Nature, 2020, 585, 268-272. | 13.7 | 619 |
| 13 | Case Study: Prolonged Infectious SARS-CoV-2 Shedding from an Asymptomatic Immunocompromised Individual with Cancer. Cell, 2020, 183, 1901-1912.e9. | 13.5 | 618 |
| 14 | Clinical benefit of remdesivir in rhesus macaques infected with SARS-CoV-2. Nature, 2020, 585, 273-276. | 13.7 | 592 |
| 15 | Spatial, Temporal, and Species Variation in Prevalence of Influenza A Viruses in Wild Migratory Birds. PLoS Pathogens, 2007, 3, e61. | 2.1 | 591 |
| 16 | H5N1 Virus Attachment to Lower Respiratory Tract. Science, 2006, 312, 399-399. | 6.0 | 573 |
| 17 | Pathogenesis and Transmission of Swine-Origin 2009 A(H1N1) Influenza Virus in Ferrets. Science, 2009, 325, 481-483. | 6.0 | 544 |
| 18 | Human and Avian Influenza Viruses Target Different Cells in the Lower Respiratory Tract of Humans and Other Mammals. American Journal of Pathology, 2007, 171, 1215-1223. | 1.9 | 473 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Treatment with interferon-Î±2b and ribavirin improves outcome in MERS-CoVâ€“infected rhesus macaques. Nature Medicine, 2013, 19, 1313-1317. | 15.2 | 412 |
| 20 | Molecular Evidence of Sexual Transmission of Ebola Virus. New England Journal of Medicine, 2015, 373, 2448-2454. | 13.9 | 380 |
| 21 | Middle East Respiratory Syndrome Coronavirus Infection in Dromedary Camels in Saudi Arabia. MBio, 2014, 5, e00884-14. | 1.8 | 359 |
| 22 | Persistence of SARS-CoV-2 in Water and Wastewater. Environmental Science and Technology Letters, 2020, 7, 937-942. | 3.9 | 318 |
| 23 | Bat-borne virus diversity, spillover and emergence. Nature Reviews Microbiology, 2020, 18, 461-471. | 13.6 | 298 |
| 24 | Middle East respiratory syndrome coronavirus (MERS-CoV) causes transient lower respiratory tract infection in rhesus macaques. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16598-16603. | 3.3 | 264 |
| 25 | Inhibition of novel Î² coronavirus replication by a combination of interferon-Î±2b and ribavirin. Scientific Reports, 2013, 3, 1686. | 1.6 | 250 |
| 26 | Replication and Shedding of MERS-CoV in Upper Respiratory Tract of Inoculated Dromedary Camels. Emerging Infectious Diseases, 2014, 20, 1999-2005. | 2.0 | 233 |
| 27 | Nosocomial Transmission of Emerging Viruses via Aerosol-Generating Medical Procedures. Viruses, 2019, 11, 940. | 1.5 | 227 |
| 28 | K18-hACE2 mice develop respiratory disease resembling severe COVID-19. PLoS Pathogens, 2021, 17, e1009195. | 2.1 | 227 |
| 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 | Surveillance of Influenza Virus A in Migratory Waterfowl in Northern Europe. Emerging Infectious Diseases, 2007, 13, 404-411. | 2.0 | 214 |
| 31 | Correction to Middle East Respiratory Syndrome Coronavirus Infection in Dromedary Camels in Saudi Arabia. MBio, 2014, 5, . | 1.8 | 209 |
| 32 | Effectiveness of N95 Respirator Decontamination and Reuse against SARS-CoV-2 Virus. Emerging Infectious Diseases, 2020, 26, 2253-2255. | 2.0 | 200 |
| 33 | Hampered Foraging and Migratory Performance in Swans Infected with Low-Pathogenic Avian Influenza A Virus. PLoS ONE, 2007, 2, e184. | 1.1 | 195 |
| 34 | Defining the Syrian hamster as a highly susceptible preclinical model for SARS-CoV-2 infection. Emerging Microbes and Infections, 2020, 9, 2673-2684. | 3.0 | 193 |
| 35 | Host Species Restriction of Middle East Respiratory Syndrome Coronavirus through Its Receptor, Dipeptidyl Peptidase 4. Journal of Virology, 2014, 88, 9220-9232. | 1.5 | 189 |
| 36 | Mallards and Highly Pathogenic Avian Influenza Ancestral Viruses, Northern Europe. Emerging Infectious Diseases, 2005, 11, 1545-1551. | 2.0 | 187 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Infection with MERS-CoV Causes Lethal Pneumonia in the Common Marmoset. PLoS Pathogens, 2014, 10, e1004250. | 2.1 | 186 |
| 38 | Intranasal ChAdOx1 nCoV-19/AZD1222 vaccination reduces viral shedding after SARS-CoV-2 D614G challenge in preclinical models. Science Translational Medicine, 2021, 13, . | 5.8 | 180 |
| 39 | Nanopore Sequencing as a Rapidly Deployable Ebola Outbreak Tool. Emerging Infectious Diseases, 2016, 22, 331-4. | 2.0 | 175 |
| 40 | Effects of influenza A virus infection on migrating mallard ducks. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1029-1036. | 1.2 | 174 |
| 41 | Mechanistic theory predicts the effects of temperature and humidity on inactivation of SARS-CoV-2 and other enveloped viruses. ELife, 2021, 10, . | 2.8 | 158 |
| 42 | Importance of Neutralizing Monoclonal Antibodies Targeting Multiple Antigenic Sites on the Middle East Respiratory Syndrome Coronavirus Spike Glycoprotein To Avoid Neutralization Escape. Journal of Virology, 2018, 92, . | 1.5 | 155 |
| 43 | Nanobodies from camelid mice and llamas neutralize SARS-CoV-2 variants. Nature, 2021, 595, 278-282. | 13.7 | 154 |
| 44 | Molecular Determinants of Adaptation of Highly Pathogenic Avian Influenza H7N7 Viruses to Efficient Replication in the Human Host. Journal of Virology, 2010, 84, 1597-1606. | 1.5 | 148 |
| 45 | In Vitro Assessment of Attachment Pattern and Replication Efficiency of H5N1 Influenza A Viruses with Altered Receptor Specificity. Journal of Virology, 2010, 84, 6825-6833. | 1.5 | 146 |
| 46 | Seasonal and Pandemic Human Influenza Viruses Attach Better to Human Upper Respiratory Tract Epithelium than Avian Influenza Viruses. American Journal of Pathology, 2010, 176, 1614-1618. | 1.9 | 146 |
| 47 | Single-cell RNA sequencing reveals SARS-CoV-2 infection dynamics in lungs of African green monkeys. Science Translational Medicine, 2021, 13, . | 5.8 | 146 |
| 48 | Effect of Environmental Conditions on SARS-CoV-2 Stability in Human Nasal Mucus and Sputum. Emerging Infectious Diseases, 2020, 26, 2276-2278. | 2.0 | 143 |
| 49 | Replication and shedding of MERS-CoV in Jamaican fruit bats (Artibeus jamaicensis). Scientific Reports, 2016, 6, 21878. | 1.6 | 138 |
| 50 | Possible sexual transmission of Ebola virus - Liberia, 2015. Morbidity and Mortality Weekly Report, 2015, 64, 479-81. | 9.0 | 132 |
| 51 | The Molecular Basis of the Pathogenicity of the Dutch Highly Pathogenic Human Influenza A H7N7 Viruses. Journal of Infectious Diseases, 2007, 196, 258-265. | 1.9 | 129 |
| 52 | Mutation rate and genotype variation of Ebola virus from Mali case sequences. Science, 2015, 348, 117-119. | 6.0 | 127 |
| 53 | Practical Considerations for High-Throughput Influenza A Virus Surveillance Studies of Wild Birds by Use of Molecular Diagnostic Tests. Journal of Clinical Microbiology, 2009, 47, 666-673. | 1.8 | 126 |
| 54 | Introduction of Virulence Markers in PB2 of Pandemic Swine-Origin Influenza Virus Does Not Result in Enhanced Virulence or Transmission. Journal of Virology, 2010, 84, 3752-3758. | 1.5 | 126 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Pneumonia from Human Coronavirus in a Macaque Model. New England Journal of Medicine, 2013, 368, 1560-1562. | 13.9 | 126 |
| 56 | Severity of Pneumonia Due to New H1N1 Influenza Virus in Ferrets Is Intermediate between That Due to Seasonal H1N1 Virus and Highly Pathogenic Avian Influenza H5N1 Virus. Journal of Infectious Diseases, 2010, 201, 993-999. | 1.9 | 121 |
| 57 | Mosaic RBD nanoparticles protect against challenge by diverse sarbecoviruses in animal models. Science, 2022, 377, . | 6.0 | 120 |
| 58 | Immunological Control of Viral Infections in Bats and the Emergence of Viruses Highly Pathogenic to Humans. Frontiers in Immunology, 2017, 8, 1098. | 2.2 | 117 |
| 59 | Defining the risk of SARS-CoV-2 variants on immune protection. Nature, 2022, 605, 640-652. | 13.7 | 117 |
| 60 | The Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Does Not Replicate in Syrian Hamsters. PLoS ONE, 2013, 8, e69127. | 1.1 | 114 |
| 61 | Surveillance of Wild Birds for Avian Influenza Virus. Emerging Infectious Diseases, 2010, 16, 1827-1834. | 2.0 | 110 |
| 62 | Adaptive Evolution of MERS-CoV to Species Variation in DPP4. Cell Reports, 2018, 24, 1730-1737. | 2.9 | 108 |
| 63 | Ecology, evolution and spillover of coronaviruses from bats. Nature Reviews Microbiology, 2022, 20, 299-314. | 13.6 | 108 |
| 64 | Dam- and OxyR-Dependent Phase Variation of agn43 : Essential Elements and Evidence for a New Role of DNA Methylation. Journal of Bacteriology, 2002, 184, 3338-3347. | 1.0 | 100 |
| 65 | Receptor-Binding Profiles of H7 Subtype Influenza Viruses in Different Host Species. Journal of Virology, 2012, 86, 4370-4379. | 1.5 | 96 |
| 66 | Stability of Middle East Respiratory Syndrome Coronavirus in Milk. Emerging Infectious Diseases, 2014, 20, 1263-1264. | 2.0 | 96 |
| 67 | The emergence of the Middle East Respiratory Syndrome coronavirus. Pathogens and Disease, 2014, 71, 121-136. | 0.8 | 95 |
| 68 | SARS-CoV-2 disease severity and transmission efficiency is increased for airborne compared to fomite exposure in Syrian hamsters. Nature Communications, 2021, 12, 4985. | 5.8 | 94 |
| 69 | Avian influenza virus: Of virus and bird ecology. Vaccine, 2009, 27, 6340-6344. | 1.7 | 93 |
| 70 | Rapid Nipah virus entry into the central nervous system of hamsters via the olfactory route. Scientific Reports, 2012, 2, 736. | 1.6 | 93 |
| 71 | Epidemiology of low pathogenic avian influenza viruses in wild birds. OIE Revue Scientifique Et Technique, 2009, 28, 49-58. | 0.5 | 91 |
| 72 | A single dose of ChAdOx1 MERS provides protective immunity in rhesus macaques. Science Advances, 2020, 6, eaba8399. | 4.7 | 89 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Postmortem Stability of Ebola Virus. Emerging Infectious Diseases, 2015, 21, 856-859. | 2.0 | 81 |
| 74 | Protective efficacy of a novel simian adenovirus vaccine against lethal MERS-CoV challenge in a transgenic human DPP4 mouse model. Npj Vaccines, 2017, 2, 28. | 2.9 | 81 |
| 75 | Ebola Virus Stability on Surfaces and in Fluids in Simulated Outbreak Environments. Emerging Infectious Diseases, 2015, 21, 1243-1246. | 2.0 | 79 |
| 76 | Middle East respiratory syndrome coronavirus shows poor replication but significant induction of antiviral responses in human monocyte-derived macrophages and dendritic cells. Journal of General Virology, 2016, 97, 344-355. | 1.3 | 77 |
| 77 | Protection of Mice against Lethal Infection with Highly Pathogenic H7N7 Influenza A Virus by Using a Recombinant Low-Pathogenicity Vaccine Strain. Journal of Virology, 2005, 79, 12401-12407. | 1.5 | 76 |
| 78 | Understanding Ebola Virus Transmission. Viruses, 2015, 7, 511-521. | 1.5 | 76 |
| 79 | Efficacy of an Adjuvanted Middle East Respiratory Syndrome Coronavirus Spike Protein Vaccine in Dromedary Camels and Alpacas. Viruses, 2019, 11, 212. | 1.5 | 75 |
| 80 | Insertion of a Multibasic Cleavage Motif into the Hemagglutinin of a Low-Pathogenic Avian Influenza H6N1 Virus Induces a Highly Pathogenic Phenotype. Journal of Virology, 2010, 84, 7953-7960. | 1.5 | 73 |
| 81 | Reconstructing an annual cycle of interaction: natural infection and antibody dynamics to avian influenza along a migratory flyway. Oikos, 2011, 120, 748-755. | 1.2 | 71 |
| 82 | Comparison of the Pathogenicity of Nipah Virus Isolates from Bangladesh and Malaysia in the Syrian Hamster. PLoS Neglected Tropical Diseases, 2013, 7, e2024. | 1.3 | 71 |
| 83 | Persistence of Ebola Virus in Sterilized Wastewater. Environmental Science and Technology Letters, 2015, 2, 245-249. | 3.9 | 71 |
| 84 | Heterosubtypic Immunity to Influenza A Virus Infections in Mallards May Explain Existence of Multiple Virus Subtypes. PLoS Pathogens, 2013, 9, e1003443. | 2.1 | 70 |
| 85 | Animal models of Middle East respiratory syndrome coronavirus infection. Antiviral Research, 2015, 122, 28-38. | 1.9 | 66 |
| 86 | Towards improved influenza A virus surveillance in migrating birds. Vaccine, 2006, 24, 6729-6733. | 1.7 | 64 |
| 87 | Comparative Analysis of Ebola Virus Glycoprotein Interactions With Human and Bat Cells. Journal of Infectious Diseases, 2011, 204, S840-S849. | 1.9 | 64 |
| 88 | Multiple gene segment reassortment between Eurasian and American lineages of influenza A virus (H6N2) in Guillemot (Uria aalge). Archives of Virology, 2005, 150, 1685-1692. | 0.9 | 62 |
| 89 | Advances and gaps in SARS-CoV-2 infection models. PLoS Pathogens, 2022, 18, e1010161. | 2.1 | 61 |
| 90 | Ecological Contexts of Index Cases and Spillover Events of Different Ebolaviruses. PLoS Pathogens, 2016, 12, e1005780. | 2.1 | 60 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Animal models of disease shed light on Nipah virus pathogenesis and transmission. Journal of Pathology, 2015, 235, 196-205. | 2.1 | 58 |
| 92 | Dynamics and ecological consequences of avian influenza virus infection in greater white-fronted geese in their winter staging areas. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 2041-2048. | 1.2 | 56 |
| 93 | Foodborne Transmission of Nipah Virus in Syrian Hamsters. PLoS Pathogens, 2014, 10, e1004001. | 2.1 | 56 |
| 94 | Efficacy of antibody-based therapies against Middle East respiratory syndrome coronavirus (MERS-CoV) in common marmosets. Antiviral Research, 2017, 143, 30-37. | 1.9 | 56 |
| 95 | Outbreaks in a Rapidly Changing Central Africa â€" Lessons from Ebola. New England Journal of Medicine, 2018, 379, 1198-1201. | 13.9 | 56 |
| 96 | Nipah Virus Transmission in a Hamster Model. PLoS Neglected Tropical Diseases, 2011, 5, e1432. | 1.3 | 55 |
| 97 | A structural basis for antibody-mediated neutralization of Nipah virus reveals a site of vulnerability at the fusion glycoprotein apex. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25057-25067. | 3.3 | 53 |
| 98 | ChAdOx1 nCoV-19 (AZD1222) protects Syrian hamsters against SARS-CoV-2 B.1.351 and B.1.1.7. Nature Communications, 2021, 12, 5868. | 5.8 | 52 |
| 99 | Phase Variation of Ag43 Is Independent of the Oxidation State of OxyR. Journal of Bacteriology, 2003, 185, 2203-2209. | 1.0 | 50 |
| 100 | Geographic Distribution and Genetic Characterization of Lassa Virus in Sub-Saharan Mali. PLoS Neglected Tropical Diseases, 2013, 7, e2582. | 1.3 | 49 |
| 101 | 1918 H1N1 Influenza Virus Replicates and Induces Proinflammatory Cytokine Responses in Extrarespiratory Tissues of Ferrets. Journal of Infectious Diseases, 2018, 217, 1237-1246. | 1.9 | 49 |
| 102 | Outbreaks of highly pathogenic avian influenza in Europe: the risks associated with wild birds. OIE Revue Scientifique Et Technique, 2009, 28, 69-92. | 0.5 | 47 |
| 103 | An early warning system for emerging SARS-CoV-2 variants. Nature Medicine, 2022, 28, 1110-1115. | 15.2 | 47 |
| 104 | A single-dose ChAdOx1-vectored vaccine provides complete protection against Nipah Bangladesh and Malaysia in Syrian golden hamsters. PLoS Neglected Tropical Diseases, 2019, 13, e0007462. | 1.3 | 46 |
| 105 | Increased small particle aerosol transmission of B.1.1.7 compared with SARS-CoV-2 lineage A in vivo. Nature Microbiology, 2022, 7, 213-223. | 5.9 | 45 |
| 106 | Dam-dependent phase variation of Ag43 in Escherichia coli is altered in a seqA mutant. Molecular Microbiology, 2002, 44, 521-532. | 1.2 | 44 |
| 107 | Sampling Strategies and Biodiversity of Influenza A Subtypes in Wild Birds. PLoS ONE, 2014, 9, e90826. | 1.1 | 44 |
| 108 | Highly pathogenic avian influenza (H7N7): Vaccination of zoo birds and transmission to non-poultry species. Vaccine, 2005, 23, 5743-5750. | 1.7 | 43 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | A single intranasal dose of a live-attenuated parainfluenza virus-vectored SARS-CoV-2 vaccine is protective in hamsters. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 43 |
| 110 | PlasmodiumParasitemia Associated With Increased Survival in Ebola Virusâ€“Infected Patients. Clinical Infectious Diseases, 2016, 63, 1026-1033. | 2.9 | 42 |
| 111 | Pathogenicity and Viral Shedding of MERS-CoV in Immunocompromised Rhesus Macaques. Frontiers in Immunology, 2018, 9, 205. | 2.2 | 41 |
| 112 | Onward transmission of viruses: how do viruses emerge to cause epidemics after spillover?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190017. | 1.8 | 41 |
| 113 | Chikungunya Virus Infection, Brazzaville, Republic of Congo, 2011. Emerging Infectious Diseases, 2013, 19, 1542-1543. | 2.0 | 39 |
| 114 | High Prevalence of Middle East Respiratory Coronavirus in Young Dromedary Camels in Jordan. Vector-Borne and Zoonotic Diseases, 2017, 17, 155-159. | 0.6 | 38 |
| 115 | Dromedary camels in northern Mali have high seropositivity to MERS-CoV. One Health, 2017, 3, 41-43. | 1.5 | 37 |
| 116 | Bactrian camels shed large quantities of Middle East respiratory syndrome coronavirus (MERS-CoV) after experimental infection. Emerging Microbes and Infections, 2019, 8, 717-723. | 3.0 | 37 |
| 117 | Mounting evidence for the presence of influenza A virus in the avifauna of the Antarctic region. Antarctic Science, 2006, 18, 353-356. | 0.5 | 36 |
| 118 | Diverse RNA viruses of arthropod origin in the blood of fruit bats suggest a link between bat and arthropod viromes. Virology, 2019, 528, 64-72. | 1.1 | 36 |
| 119 | Loss in lung volume and changes in the immune response demonstrate disease progression in African green monkeys infected by small-particle aerosol and intratracheal exposure to Nipah virus. PLoS Neglected Tropical Diseases, 2017, 11, e0005532. | 1.3 | 36 |
| 120 | An Acute Immune Response to Middle East Respiratory Syndrome Coronavirus Replication Contributes to Viral Pathogenicity. American Journal of Pathology, 2016, 186, 630-638. | 1.9 | 35 |
| 121 | Pandemic 2009 H1N1 Influenza Virus Causes Diffuse Alveolar Damage in Cynomolgus Macaques. Veterinary Pathology, 2010, 47, 1040-1047. | 0.8 | 34 |
| 122 | Insertion of a multibasic cleavage site in the haemagglutinin of human influenza H3N2 virus does not increase pathogenicity in ferrets. Journal of General Virology, 2011, 92, 1410-1415. | 1.3 | 32 |
| 123 | Syrian Hamsters (Mesocricetus auratus) Oronasally Inoculated With a Nipah Virus Isolate From Bangladesh or Malaysia Develop Similar Respiratory Tract Lesions. Veterinary Pathology, 2015, 52, 38-45. | 0.8 | 32 |
| 124 | Doseâ€“response and transmission: the nexus between reservoir hosts, environment and recipient hosts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190016. | 1.8 | 30 |
| 125 | ChAdOx1-vectored Lassa fever vaccine elicits a robust cellular and humoral immune response and protects guinea pigs against lethal Lassa virus challenge. Npj Vaccines, 2021, 6, 32. | 2.9 | 30 |
| 126 | The Pattern of Influenza Virus Attachment Varies among Wild Bird Species. PLoS ONE, 2011, 6, e24155. | 1.1 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Sodium hypochlorite disinfection of SARS-CoV-2 spiked in water and municipal wastewater. Science of the Total Environment, 2022, 807, 150766. | 3.9 | 29 |
| 128 | Aerosol exposure to intermediate size Nipah virus particles induces neurological disease in African green monkeys. PLoS Neglected Tropical Diseases, 2018, 12, e0006978. | 1.3 | 26 |
| 129 | The B.1.427/1.429 (epsilon) SARS-CoV-2 variants are more virulent than ancestral B.1 (614G) in Syrian hamsters. PLoS Pathogens, 2022, 18, e1009914. | 2.1 | 26 |
| 130 | High prevalence of influenza A virus in ducks caught during spring migration through Sweden. Vaccine, 2006, 24, 6734-6735. | 1.7 | 25 |
| 131 | The Merits of Malaria Diagnostics during an Ebola Virus Disease Outbreak. Emerging Infectious Diseases, 2016, 22, 323-6. | 2.0 | 25 |
| 132 | Prior aerosol infection with lineage A SARS-CoV-2 variant protects hamsters from disease, but not reinfection with B.1.351 SARS-CoV-2 variant. Emerging Microbes and Infections, 2021, 10, 1284-1292. | 3.0 | 25 |
| 133 | Generation and Characterization of Eptesicus fuscus (Big brown bat) kidney cell lines immortalized using the Myotis polyomavirus large T-antigen. Journal of Virological Methods, 2016, 237, 166-173. | 1.0 | 24 |
| 134 | Subtle differences in the pathogenicity of SARS-CoV-2 variants of concern B.1.1.7 and B.1.351 in rhesus macaques. Science Advances, 2021, 7, eabj3627. | 4.7 | 24 |
| 135 | Influenza Virus A/Anhui/1/2013 (H7N9) Replicates Efficiently in the Upper and Lower Respiratory Tracts of Cynomolgus Macaques. MBio, 2014, 5, . | 1.8 | 23 |
| 136 | Ebola Virus Inactivation by Detergents Is Annulled in Serum. Journal of Infectious Diseases, 2017, 216, 859-866. | 1.9 | 23 |
| 137 | Heat-Treated Virus Inactivation Rate Depends Strongly on Treatment Procedure: Illustration with SARS-CoV-2. Applied and Environmental Microbiology, 2021, 87, e0031421. | 1.4 | 23 |
| 138 | High-Fat High-Sugar Diet-Induced Changes in the Lipid Metabolism Are Associated with Mildly Increased COVID-19 Severity and Delayed Recovery in the Syrian Hamster. Viruses, 2021, 13, 2506. | 1.5 | 23 |
| 139 | Assessment of Rodents as Animal Models for Reston Ebolavirus. Journal of Infectious Diseases, 2011, 204, S968-S972. | 1.9 | 22 |
| 140 | Broad and Temperature Independent Replication Potential of Filoviruses on Cells Derived From Old and New World Bat Species. Journal of Infectious Diseases, 2016, 214, S297-S302. | 1.9 | 22 |
| 141 | Taxonomic patterns in the zoonotic potential of mammalian viruses. PeerJ, 2018, 6, e5979. | 0.9 | 22 |
| 142 | Pathology and Virus Distribution in Chickens Naturally Infected with Highly Pathogenic Avian Influenza A Virus (H7N7) During the 2003 Outbreak in The Netherlands. Veterinary Pathology, 2009, 46, 971-976. | 0.8 | 21 |
| 143 | Ebola Virus Persistence in Semen Ex Vivo. Emerging Infectious Diseases, 2016, 22, 289-291. | 2.0 | 21 |
| 144 | Hampered performance of migratory swans: intra- and inter-seasonal effects of avian influenza virus. Integrative and Comparative Biology, 2016, 56, 317-329. | 0.9 | 21 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Factors determining human-to-human transmissibility of zoonotic pathogens via contact. Current Opinion in Virology, 2017, 22, 7-12. | 2.6 | 21 |
| 146 | SARS-Like Coronavirus WIV1-CoV Does Not Replicate in Egyptian Fruit Bats (Rousettus aegyptiacus). Viruses, 2018, 10, 727. | 1.5 | 21 |
| 147 | Tackling Ebola: new insights into prophylactic and therapeutic intervention strategies. Genome Medicine, 2011, 3, 5. | 3.6 | 20 |
| 148 | Avian Influenza A Virus in Wild Birds in Highly Urbanized Areas. PLoS ONE, 2012, 7, e38256. | 1.1 | 20 |
| 149 | Comparison of the Aerosol Stability of 2 Strains ofZaire ebolavirusFrom the 1976 and 2013 Outbreaks. Journal of Infectious Diseases, 2016, 214, S290-S293. | 1.9 | 20 |
| 150 | Disinfection of Ebola Virus in Sterilized Municipal Wastewater. PLoS Neglected Tropical Diseases, 2017, 11, e0005299. | 1.3 | 20 |
| 151 | Characterization of avian influenza virus attachment patterns to human and pig tissues. Scientific Reports, 2018, 8, 12215. | 1.6 | 20 |
| 152 | Serological Evidence for Henipa-like and Filo-like Viruses in Trinidad Bats. Journal of Infectious Diseases, 2020, 221, S375-S382. | 1.9 | 20 |
| 153 | Does influenza A affect body condition of wild mallard ducks, or vice versa ? A reply to Flint and Franson. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2347-2349. | 1.2 | 19 |
| 154 | The immune response to Nipah virus infection. Archives of Virology, 2012, 157, 1635-1641. | 0.9 | 19 |
| 155 | Middle East Respiratory Syndrome Coronavirus Intra-Host Populations Are Characterized by Numerous High Frequency Variants. PLoS ONE, 2016, 11, e0146251. | 1.1 | 19 |
| 156 | Disease reservoirs: from conceptual frameworks to applicable criteria. Emerging Microbes and Infections, 2017, 6, 1-5. | 3.0 | 19 |
| 157 | Middle East Respiratory Syndrome Coronavirus Antibodies in Dromedary Camels, Bangladesh, 2015. Emerging Infectious Diseases, 2018, 24, 926-928. | 2.0 | 19 |
| 158 | Rousettus aegyptiacus Bats Do Not Support Productive Nipah Virus Replication. Journal of Infectious Diseases, 2020, 221, S407-S413. | 1.9 | 19 |
| 159 | Role of Wildlife in Emergence of Ebola Virus in Kaigbono (Likati), Democratic Republic of the Congo, 2017. Emerging Infectious Diseases, 2020, 26, 2205-2209. | 2.0 | 19 |
| 160 | Histologic pulmonary lesions of SARS-CoV-2 in 4 nonhuman primate species: An institutional comparative review. Veterinary Pathology, 2022, 59, 673-680. | 0.8 | 19 |
| 161 | Single-Nucleotide Polymorphisms in Human NPC1 Influence Filovirus Entry Into Cells. Journal of Infectious Diseases, 2018, 218, S397-S402. | 1.9 | 18 |
| 162 | Peripheral immune response in the African green monkey model following Nipah-Malaysia virus exposure by intermediate-size particle aerosol. PLoS Neglected Tropical Diseases, 2019, 13, e0007454. | 1.3 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Delayed recognition of Ebola virus disease is associated with longer and larger outbreaks. Emerging Microbes and Infections, 2020, 9, 291-301. | 3.0 | 18 |
| 164 | Age-related differences in immune dynamics during SARS-CoV-2 infection in rhesus macaques. Life Science Alliance, 2022, 5, e202101314. | 1.3 | 18 |
| 165 | The Serological Prevalence of Rabies Virus-Neutralizing Antibodies in the Bat Population on the Caribbean Island of Trinidad. Viruses, 2020, 12, 178. | 1.5 | 17 |
| 166 | MERS-CoV: the intermediate host identified?. Lancet Infectious Diseases, The, 2013, 13, 827-828. | 4.6 | 16 |
| 167 | European H16N3 Gull Influenza Virus Attaches to the Human Respiratory Tract and Eye. PLoS ONE, 2013, 8, e60757. | 1.1 | 16 |
| 168 | Repository of Eurasian influenza A virus hemagglutinin and neuraminidase reverse genetics vectors and recombinant viruses. Vaccine, 2010, 28, 5803-5809. | 1.7 | 15 |
| 169 | Chikungunya Outbreak in the Republic of the Congo, 2019â€"Epidemiological, Virological and Entomological Findings of a South-North Multidisciplinary Taskforce Investigation. Viruses, 2020, 12, 1020. | 1.5 | 15 |
| 170 | SARS-CoV-2 vaccines: anamnestic response in previously infected recipients. Cell Research, 2021, 31, 827-828. | 5.7 | 15 |
| 171 | Long-term wildlife mortality surveillance in northern Congo: a model for the detection of Ebola virus disease epizootics. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180339. | 1.8 | 14 |
| 172 | OraSure InteliSwabâ„¢ Rapid Antigen Test Performance with the SARS-CoV-2 Variants of Concernâ€"Alpha, Beta, Gamma, Delta, and Omicron. Viruses, 2022, 14, 543. | 1.5 | 14 |
| 173 | Serological evidence of arenavirus circulation among fruit bats in Trinidad. PLoS ONE, 2017, 12, e0185308. | 1.1 | 13 |
| 174 | Updated and Validated Pan-Coronavirus PCR Assay to Detect All Coronavirus Genera. Viruses, 2021, 13, 599. | 1.5 | 13 |
| 175 | Authentication of the R06E Fruit Bat Cell Line. Viruses, 2012, 4, 889-900. | 1.5 | 12 |
| 176 | Interpretation of Negative Molecular Test Results in Patients With Suspected or Confirmed Ebola Virus Disease: Report of Two Cases. Open Forum Infectious Diseases, 2015, 2, ofv137. | 0.4 | 11 |
| 177 | The Use of Large-Particle Aerosol Exposure to Nipah Virus to Mimic Human Neurological Disease Manifestations in the African Green Monkey. Journal of Infectious Diseases, 2020, 221, S419-S430. | 1.9 | 11 |
| 178 | Epidemiology of Avian Influenza. Monographs in Virology, 2008, , 1-10. | 0.6 | 10 |
| 179 | Novel Hendra Virus Variant Circulating in Black Flying Foxes and Grey-Headed Flying Foxes, Australia. Emerging Infectious Diseases, 2022, 28, 1043-1047. | 2.0 | 10 |
| 180 | Mapping the Specific Amino Acid Residues That Make Hamster DPP4 Functional as a Receptor for Middle East Respiratory Syndrome Coronavirus. Journal of Virology, 2016, 90, 5499-5502. | 1.5 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Long-Range Polymerase Chain Reaction Method for Sequencing the Ebola Virus Genome From Ecological and Clinical Samples. Journal of Infectious Diseases, 2018, 218, S301-S304. | 1.9 | 8 |
| 182 | Middle East Respiratory Syndrome-Coronavirus Seropositive Bactrian Camels, Mongolia. Vector-Borne and Zoonotic Diseases, 2021, 21, 128-131. | 0.6 | 8 |
| 183 | Immunogenicity of Low-Dose Prime-Boost Vaccination of mRNA Vaccine CV07050101 in Non-Human Primates. Viruses, 2021, 13, 1645. | 1.5 | 8 |
| 184 | Clinical Chemistry of Patients With Ebola in Monrovia, Liberia. Journal of Infectious Diseases, 2016, 214, S303-S307. | 1.9 | 7 |
| 185 | Effect of Environmental Conditions on SARS-CoV-2 Stability in Human Nasal Mucus and Sputum. Emerging Infectious Diseases, 2020, 26, . | 2.0 | 7 |
| 186 | PERPETUATION OF AVIAN INFLUENZA IN THE AMERICAS: EXAMINING THE ROLE OF SHOREBIRDS IN PATAGONIA. Auk, 2008, 125, 494-495. | 0.7 | 6 |
| 187 | Lek-associated movement of a putative Ebolavirus reservoir, the hammer-headed fruit bat (Hypsignathus monstrosus), in northern Republic of Congo. PLoS ONE, 2019, 14, e0223139. | 1.1 | 6 |
| 188 | Surfaceâ€'Aerosol Stability and Pathogenicity of Diverse Middle East Respiratory Syndrome Coronavirus Strains, 2012â€'2018. Emerging Infectious Diseases, 2021, 27, 3052-3062. | 2.0 | 6 |
| 189 | A Novel Field-Deployable Method for Sequencing and Analyses of Henipavirus Genomes From Complex Samples on the MinION Platform. Journal of Infectious Diseases, 2020, 221, S383-S388. | 1.9 | 5 |
| 190 | A framework for nosocomial transmission of emerging coronaviruses. Infection Control and Hospital Epidemiology, 2021, 42, 639-641. | 1.0 | 5 |
| 191 | Limited Genetic Diversity Detected in Middle East Respiratory Syndrome-Related Coronavirus Variants Circulating in Dromedary Camels in Jordan. Viruses, 2021, 13, 592. | 1.5 | 5 |
| 192 | Zaire ebolavirus surveillance near the Bikoro region of the Democratic Republic of the Congo during the 2018 outbreak reveals presence of seropositive bats. PLoS Neglected Tropical Diseases, 2022, 16, e0010504. | 1.3 | 5 |
| 193 | Avian Influenza A virus in ducks migrating through Sweden. International Congress Series, 2004, 1263, 771-772. | 0.2 | 4 |
| 194 | Camelid Inoculation with Middle East Respiratory Syndrome Coronavirus: Experimental Models of Reservoir Host Infection. Viruses, 2020, 12, 1370. | 1.5 | 4 |
| 195 | Bacillus paranthracis Isolate from Blood of Fatal Ebola Virus Disease Case. Pathogens, 2020, 9, 475. | 1.2 | 4 |
| 196 | Evaluation of viral load in patients with Ebola virus disease in Liberia: a retrospective observational study. Lancet Microbe, The, 2022, 3, e533-e542. | 3.4 | 4 |
| 197 | Ecology and Evolution of Avian Influenza Viruses. , 2011, , 729-749. | | 3 |
| 198 | Development and validation of portable, field-deployable Ebola virus point-of-encounter diagnostic assay for wildlife surveillance. One Health Outlook, 2021, 3, 9. | 1.4 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Risk Factors for Middle East Respiratory Syndrome Coronavirus Infection among Camel Populations, Southern Jordan, 2014â€“2018. Emerging Infectious Diseases, 2021, 27, 2301-2311. | 2.0 | 3 |
| 200 | Nipah Virus Detection at Bat Roosts after Spillover Events, Bangladesh, 2012â€“2019. Emerging Infectious Diseases, 2022, 28, 1384-1392. | 2.0 | 3 |
| 201 | Compatibility of Maximum-Containment Virusâ€“Inactivation Protocols With Identification of Bacterial Coinfections by Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. Journal of Infectious Diseases, 2018, 218, S297-S300. | 1.9 | 2 |
| 202 | Three-Week Old Pigs Are Not Susceptible to Productive Infection with SARS-COV-2. Microorganisms, 2022, 10, 407. | 1.6 | 2 |
| 203 | Editorial: Emerging Infectious and Vector-Borne Diseases: A Global Challenge. Frontiers in Public Health, 2020, 8, 214. | 1.3 | 1 |
| 204 | 206. Cytokine, 2013, 63, 291-292. | 1.4 | 0 |
| 205 | Reply to Colebunders. Clinical Infectious Diseases, 2017, 64, 232.2-232. | 2.9 | 0 |
| 206 | 2311. Bacteremia Is Not Commonly Detected in Ebola Virus Disease. Open Forum Infectious Diseases, 2019, 6, S792-S792. | 0.4 | 0 |
| 207 | Studying Evolutionary Adaptation of MERS-CoV. Methods in Molecular Biology, 2020, 2099, 3-8. | 0.4 | 0 |
| 208 | Editorial: Ecology and Evolution of Coronaviruses: Implications for Human Health. Frontiers in Public Health, 0, 10, . | 1.3 | 0 |