

Victor M Corman

List of Publications by Citations

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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.

230
papers

23,592
citations

62
h-index

152
g-index

250
ext. papers

31,005
ext. citations

12
avg, IF

7.19
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 230 | Virological assessment of hospitalized patients with COVID-2019. <i>Nature</i> , 2020 , 581, 465-469 | 50.4 | 4168 |
| 229 | Detection of 2019 novel coronavirus (2019-nCoV) by real-time RT-PCR. <i>Eurosurveillance</i> , 2020 , 25, | 19.8 | 4027 |
| 228 | Severe Acute Respiratory Syndrome Coronavirus 2-Specific Antibody Responses in Coronavirus Disease Patients. <i>Emerging Infectious Diseases</i> , 2020 , 26, 1478-1488 | 10.2 | 1055 |
| 227 | SARS-CoV-2-reactive T cells in healthy donors and patients with COVID-19. <i>Nature</i> , 2020 , 587, 270-274 | 50.4 | 688 |
| 226 | Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , 2020 , 182, 1419-1440.e236 | 36.2 | 558 |
| 225 | Middle East respiratory syndrome coronavirus neutralising serum antibodies in dromedary camels: a comparative serological study. <i>Lancet Infectious Diseases</i> , 2013 , 13, 859-66 | 25.5 | 523 |
| 224 | Hosts and Sources of Endemic Human Coronaviruses. <i>Advances in Virus Research</i> , 2018 , 100, 163-188 | 10.7 | 520 |
| 223 | Olfactory transmucosal SARS-CoV-2 invasion as a port of central nervous system entry in individuals with COVID-19. <i>Nature Neuroscience</i> , 2021 , 24, 168-175 | 25.5 | 459 |
| 222 | Bats host major mammalian paramyxoviruses. <i>Nature Communications</i> , 2012 , 3, 796 | 17.4 | 435 |
| 221 | Detection of a novel human coronavirus by real-time reverse-transcription polymerase chain reaction. <i>Eurosurveillance</i> , 2012 , 17, | 19.8 | 380 |
| 220 | Transmission of MERS-coronavirus in household contacts. <i>New England Journal of Medicine</i> , 2014 , 371, 828-35 | 59.2 | 288 |
| 219 | Clinical features and virological analysis of a case of Middle East respiratory syndrome coronavirus infection. <i>Lancet Infectious Diseases</i> , 2013 , 13, 745-51 | 25.5 | 288 |
| 218 | Investigation of a COVID-19 outbreak in Germany resulting from a single travel-associated primary case: a case series. <i>Lancet Infectious Diseases</i> , 2020 , 20, 920-928 | 25.5 | 273 |
| 217 | Assays for laboratory confirmation of novel human coronavirus (hCoV-EMC) infections. <i>Eurosurveillance</i> , 2012 , 17, | 19.8 | 273 |
| 216 | Rooting the phylogenetic tree of middle East respiratory syndrome coronavirus by characterization of a conspecific virus from an African bat. <i>Journal of Virology</i> , 2014 , 88, 11297-303 | 6.6 | 270 |
| 215 | Close relative of human Middle East respiratory syndrome coronavirus in bat, South Africa. <i>Emerging Infectious Diseases</i> , 2013 , 19, 1697-9 | 10.2 | 266 |
| 214 | Human infection with MERS coronavirus after exposure to infected camels, Saudi Arabia, 2013. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1012-5 | 10.2 | 260 |

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| 213 | Viral Shedding and Antibody Response in 37 Patients With Middle East Respiratory Syndrome Coronavirus Infection. <i>Clinical Infectious Diseases</i> , 2016 , 62, 477-483 | 11.6 | 259 |
| 212 | Ecology, evolution and classification of bat coronaviruses in the aftermath of SARS. <i>Antiviral Research</i> , 2014 , 101, 45-56 | 10.8 | 258 |
| 211 | Human betacoronavirus 2c EMC/2012-related viruses in bats, Ghana and Europe. <i>Emerging Infectious Diseases</i> , 2013 , 19, 456-9 | 10.2 | 258 |
| 210 | Human intestinal tract serves as an alternative infection route for Middle East respiratory syndrome coronavirus. <i>Science Advances</i> , 2017 , 3, eaao4966 | 14.3 | 248 |
| 209 | Genomic characterization of severe acute respiratory syndrome-related coronavirus in European bats and classification of coronaviruses based on partial RNA-dependent RNA polymerase gene sequences. <i>Journal of Virology</i> , 2010 , 84, 11336-49 | 6.6 | 244 |
| 208 | Presence of Middle East respiratory syndrome coronavirus antibodies in Saudi Arabia: a nationwide, cross-sectional, serological study. <i>Lancet Infectious Diseases</i> , 2015 , 15, 559-64 | 25.5 | 227 |
| 207 | MERS coronavirus neutralizing antibodies in camels, Eastern Africa, 1983-1997. <i>Emerging Infectious Diseases</i> , 2014 , 20, 2093-5 | 10.2 | 206 |
| 206 | Rapid reconstruction of SARS-CoV-2 using a synthetic genomics platform. <i>Nature</i> , 2020 , 582, 561-565 | 50.4 | 205 |
| 205 | SKP2 attenuates autophagy through Beclin1-ubiquitination and its inhibition reduces MERS-Coronavirus infection. <i>Nature Communications</i> , 2019 , 10, 5770 | 17.4 | 192 |
| 204 | Bats worldwide carry hepatitis E virus-related viruses that form a putative novel genus within the family Hepeviridae. <i>Journal of Virology</i> , 2012 , 86, 9134-47 | 6.6 | 189 |
| 203 | Antibodies against MERS coronavirus in dromedary camels, United Arab Emirates, 2003 and 2013. <i>Emerging Infectious Diseases</i> , 2014 , 20, 552-9 | 10.2 | 187 |
| 202 | A Therapeutic Non-self-reactive SARS-CoV-2 Antibody Protects from Lung Pathology in a COVID-19 Hamster Model. <i>Cell</i> , 2020 , 183, 1058-1069.e19 | 56.2 | 182 |
| 201 | Estimating infectiousness throughout SARS-CoV-2 infection course. <i>Science</i> , 2021 , 373, | 33.3 | 172 |
| 200 | Virological assessment of hospitalized cases of coronavirus disease 2019 | | 158 |
| 199 | Antibodies against MERS coronavirus in dromedary camels, Kenya, 1992-2013. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1319-22 | 10.2 | 156 |
| 198 | Henipavirus RNA in African bats. <i>PLoS ONE</i> , 2009 , 4, e6367 | 3.7 | 150 |
| 197 | Evidence for novel hepaciviruses in rodents. <i>PLoS Pathogens</i> , 2013 , 9, e1003438 | 7.6 | 148 |
| 196 | Evidence for an Ancestral Association of Human Coronavirus 229E with Bats. <i>Journal of Virology</i> , 2015 , 89, 11858-70 | 6.6 | 147 |

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|-----|---|------|-----|
| 195 | An analysis of SARS-CoV-2 viral load by patient age | | 145 |
| 194 | Amplification of emerging viruses in a bat colony. <i>Emerging Infectious Diseases</i> , 2011 , 17, 449-56 | 10.2 | 138 |
| 193 | An observational, laboratory-based study of outbreaks of middle East respiratory syndrome coronavirus in Jeddah and Riyadh, kingdom of Saudi Arabia, 2014. <i>Clinical Infectious Diseases</i> , 2015 , 60, 369-77 | 11.6 | 133 |
| 192 | Bats carry pathogenic hepadnaviruses antigenically related to hepatitis B virus and capable of infecting human hepatocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16151-6 | 11.5 | 133 |
| 191 | Attenuation of replication by a 29 nucleotide deletion in SARS-coronavirus acquired during the early stages of human-to-human transmission. <i>Scientific Reports</i> , 2018 , 8, 15177 | 4.9 | 130 |
| 190 | Comparison of seven commercial SARS-CoV-2 rapid point-of-care antigen tests: a single-centre laboratory evaluation study. <i>Lancet Microbe, The</i> , 2021 , 2, e311-e319 | 22.2 | 119 |
| 189 | Laboratory readiness and response for novel coronavirus (2019-nCoV) in expert laboratories in 30 EU/EEA countries, January 2020. <i>Eurosurveillance</i> , 2020 , 25, | 19.8 | 117 |
| 188 | Assay optimization for molecular detection of Zika virus. <i>Bulletin of the World Health Organization</i> , 2016 , 94, 880-892 | 8.2 | 115 |
| 187 | Causes of death and comorbidities in hospitalized patients with COVID-19. <i>Scientific Reports</i> , 2021 , 11, 4263 | 4.9 | 96 |
| 186 | Safety, reactogenicity, and immunogenicity of homologous and heterologous prime-boost immunisation with ChAdOx1 nCoV-19 and BNT162b2: a prospective cohort study. <i>Lancet Respiratory Medicine, the</i> , 2021 , 9, 1255-1265 | 35.1 | 91 |
| 185 | SARS-CoV-2 specific antibody responses in COVID-19 patients | | 88 |
| 184 | Presence of SARS-CoV-2-reactive T cells in COVID-19 patients and healthy donors | | 88 |
| 183 | Link of a ubiquitous human coronavirus to dromedary camels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9864-9 | 11.5 | 84 |
| 182 | Characterization of a novel betacoronavirus related to middle East respiratory syndrome coronavirus in European hedgehogs. <i>Journal of Virology</i> , 2014 , 88, 717-24 | 6.6 | 83 |
| 181 | Replicative Capacity of MERS Coronavirus in Livestock Cell Lines. <i>Emerging Infectious Diseases</i> , 2014 , 20, 276-9 | 10.2 | 75 |
| 180 | Evolutionary origins of hepatitis A virus in small mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 15190-5 | 11.5 | 74 |
| 179 | Head-to-head comparison of SARS-CoV-2 antigen-detecting rapid test with self-collected nasal swab professional-collected nasopharyngeal swab. <i>European Respiratory Journal</i> , 2021 , 57, | 13.6 | 73 |
| 178 | Acute middle East respiratory syndrome coronavirus infection in livestock Dromedaries, Dubai, 2014. <i>Emerging Infectious Diseases</i> , 2015 , 21, 1019-22 | 10.2 | 72 |

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|-----|---|------|----|
| 177 | Olfactory transmucosal SARS-CoV-2 invasion as port of Central Nervous System entry in COVID-19 patients | | 67 |
| 176 | SARS-CoV-2 asymptomatic and symptomatic patients and risk for transfusion transmission. <i>Transfusion</i> , 2020 , 60, 1119-1122 | 2.9 | 65 |
| 175 | Hypertension delays viral clearance and exacerbates airway hyperinflammation in patients with COVID-19. <i>Nature Biotechnology</i> , 2021 , 39, 705-716 | 44.5 | 65 |
| 174 | Highly divergent hepaciviruses from African cattle. <i>Journal of Virology</i> , 2015 , 89, 5876-82 | 6.6 | 64 |
| 173 | Pre-activated antiviral innate immunity in the upper airways controls early SARS-CoV-2 infection in children. <i>Nature Biotechnology</i> , 2021 , | 44.5 | 63 |
| 172 | Evaluation of a SARS-CoV-2 rapid antigen test: Potential to help reduce community spread?. <i>Journal of Clinical Virology</i> , 2021 , 135, 104713 | 14.5 | 62 |
| 171 | Type I interferon reaction to viral infection in interferon-competent, immortalized cell lines from the African fruit bat <i>Eidolon helvum</i> . <i>PLoS ONE</i> , 2011 , 6, e28131 | 3.7 | 56 |
| 170 | Human coronaviruses associated with upper respiratory tract infections in three rural areas of Ghana. <i>PLoS ONE</i> , 2014 , 9, e99782 | 3.7 | 56 |
| 169 | Analysis of SARS-CoV-2-controlled autophagy reveals spermidine, MK-2206, and niclosamide as putative antiviral therapeutics | | 53 |
| 168 | SARS-CoV-2-mediated dysregulation of metabolism and autophagy uncovers host-targeting antivirals. <i>Nature Communications</i> , 2021 , 12, 3818 | 17.4 | 53 |
| 167 | Cross-reactive CD4 T cells enhance SARS-CoV-2 immune responses upon infection and vaccination. <i>Science</i> , 2021 , 374, eabh1823 | 33.3 | 53 |
| 166 | Hepatitis E Virus Infection in Dromedaries, North and East Africa, United Arab Emirates, and Pakistan, 1983-2015. <i>Emerging Infectious Diseases</i> , 2016 , 22, 1249-52 | 10.2 | 52 |
| 165 | A case of long-term excretion and subclinical infection with Middle East respiratory syndrome coronavirus in a healthcare worker. <i>Clinical Infectious Diseases</i> , 2015 , 60, 973-4 | 11.6 | 49 |
| 164 | Evaluation of the accuracy, ease of use and limit of detection of novel, rapid, antigen-detecting point-of-care diagnostics for SARS-CoV-2 | | 48 |
| 163 | A novel hepatitis B virus species discovered in capuchin monkeys sheds new light on the evolution of primate hepadnaviruses. <i>Journal of Hepatology</i> , 2018 , 68, 1114-1122 | 13.4 | 45 |
| 162 | Human coronavirus OC43 outbreak in wild chimpanzees, Côte d'Ivoire, 2016. <i>Emerging Microbes and Infections</i> , 2018 , 7, 118 | 18.9 | 45 |
| 161 | Infectious Middle East Respiratory Syndrome Coronavirus Excretion and Serotype Variability Based on Live Virus Isolates from Patients in Saudi Arabia. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 2951-5 | 9.7 | 43 |
| 160 | MERS-CoV Antibodies in Humans, Africa, 2013-2014. <i>Emerging Infectious Diseases</i> , 2016 , 22, 1086-9 | 10.2 | 43 |

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|-----|---|------|----|
| 159 | SARS-CoV-2 in severe COVID-19 induces a TGF- β -dominated chronic immune response that does not target itself. <i>Nature Communications</i> , 2021 , 12, 1961 | 17.4 | 41 |
| 158 | Studying the pathophysiology of coronavirus disease 2019: a protocol for the Berlin prospective COVID-19 patient cohort (Pa-COVID-19). <i>Infection</i> , 2020 , 48, 619-626 | 5.8 | 40 |
| 157 | Performance and clinical validation of the RealStar MERS-CoV Kit for detection of Middle East respiratory syndrome coronavirus RNA. <i>Journal of Clinical Virology</i> , 2014 , 60, 168-71 | 14.5 | 39 |
| 156 | International external quality assessment for SARS-CoV-2 molecular detection and survey on clinical laboratory preparedness during the COVID-19 pandemic, April/May 2020. <i>Eurosurveillance</i> , 2020 , 25, | 19.8 | 39 |
| 155 | Comparison of potency assays to assess SARS-CoV-2 neutralizing antibody capacity in COVID-19 convalescent plasma. <i>Journal of Virological Methods</i> , 2021 , 288, 114031 | 2.6 | 39 |
| 154 | Comparison of seven commercial SARS-CoV-2 rapid Point-of-Care Antigen tests | | 38 |
| 153 | Serology- and PCR-based cumulative incidence of SARS-CoV-2 infection in adults in a successfully contained early hotspot (CoMoLo study), Germany, May to June 2020. <i>Eurosurveillance</i> , 2020 , 25, | 19.8 | 35 |
| 152 | Association Between SARS-CoV-2 Infection and Immune-Mediated Myopathy in Patients Who Have Died. <i>JAMA Neurology</i> , 2021 , 78, 948-960 | 17.2 | 35 |
| 151 | Serological evidence of influenza A viruses in frugivorous bats from Africa. <i>PLoS ONE</i> , 2015 , 10, e0127035 | 3.7 | 34 |
| 150 | Seroprevalence and correlates of SARS-CoV-2 neutralizing antibodies from a population-based study in Bonn, Germany. <i>Nature Communications</i> , 2021 , 12, 2117 | 17.4 | 34 |
| 149 | Suitcase Lab for Rapid Detection of SARS-CoV-2 Based on Recombinase Polymerase Amplification Assay. <i>Analytical Chemistry</i> , 2021 , 93, 2627-2634 | 7.8 | 34 |
| 148 | Highly diversified coronaviruses in neotropical bats. <i>Journal of General Virology</i> , 2013 , 94, 1984-1994 | 4.9 | 33 |
| 147 | Delayed Antibody and T-Cell Response to BNT162b2 Vaccination in the Elderly, Germany. <i>Emerging Infectious Diseases</i> , 2021 , 27, 2174-2178 | 10.2 | 33 |
| 146 | Independent Side-by-Side Validation and Comparison of 4 Serological Platforms for SARS-CoV-2 Antibody Testing. <i>Journal of Infectious Diseases</i> , 2021 , 223, 796-801 | 7 | 32 |
| 145 | A time-resolved proteomic and prognostic map of COVID-19. <i>Cell Systems</i> , 2021 , 12, 780-794.e7 | 10.6 | 32 |
| 144 | Time Course of MERS-CoV Infection and Immunity in Dromedary Camels. <i>Emerging Infectious Diseases</i> , 2016 , 22, 2171-2173 | 10.2 | 31 |
| 143 | Serologic Evidence for MERS-CoV Infection in Dromedary Camels, Punjab, Pakistan, 2012-2015. <i>Emerging Infectious Diseases</i> , 2017 , 23, 550-551 | 10.2 | 31 |
| 142 | Enzootic patterns of Middle East respiratory syndrome coronavirus in imported African and local Arabian dromedary camels: a prospective genomic study. <i>Lancet Planetary Health</i> , 2019 , 3, e521-e528 | 9.8 | 31 |

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| 141 | Results of the CAPSID randomized trial for high-dose convalescent plasma in patients with severe COVID-19. <i>Journal of Clinical Investigation</i> , 2021 , 131, | 15.9 | 31 |
| 140 | Specific detection by real-time reverse-transcription PCR assays of a novel avian influenza A(H7N9) strain associated with human spillover infections in China. <i>Eurosurveillance</i> , 2013 , 18, | 19.8 | 30 |
| 139 | SARS-CoV-2 antigen rapid immunoassay for diagnosis of COVID-19 in the emergency department. <i>Biomarkers</i> , 2021 , 26, 213-220 | 2.6 | 29 |
| 138 | Specific detection by real-time reverse-transcription PCR assays of a novel avian influenza A(H7N9) strain associated with human spillover infections in China. <i>Eurosurveillance</i> , 2013 , 18, 20461 | 19.8 | 29 |
| 137 | No Serologic Evidence of Middle East Respiratory Syndrome Coronavirus Infection Among Camel Farmers Exposed to Highly Seropositive Camel Herds: A Household Linked Study, Kenya, 2013. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017 , 96, 1318-1324 | 3.2 | 28 |
| 136 | Immunogenicity of COVID-19 Tozinameran Vaccination in Patients on Chronic Dialysis. <i>Frontiers in Immunology</i> , 2021 , 12, 690698 | 8.4 | 28 |
| 135 | Evolutionary biology of human hepatitis viruses. <i>Journal of Hepatology</i> , 2019 , 70, 501-520 | 13.4 | 28 |
| 134 | Microevolution of Outbreak-Associated Middle East Respiratory Syndrome Coronavirus, South Korea, 2015. <i>Emerging Infectious Diseases</i> , 2016 , 22, 327-30 | 10.2 | 27 |
| 133 | Untimely TGF β responses in COVID-19 limit antiviral functions of NK cells. <i>Nature</i> , 2021 , 600, 295-301 | 50.4 | 26 |
| 132 | Limited Neutralization of Authentic Severe Acute Respiratory Syndrome Coronavirus 2 Variants Carrying E484K In Vitro. <i>Journal of Infectious Diseases</i> , 2021 , 224, 1109-1114 | 7 | 26 |
| 131 | Discovery of a new avian bornavirus genotype in estrildid finches (Estrildidae) in Germany. <i>Veterinary Microbiology</i> , 2014 , 168, 318-23 | 3.3 | 25 |
| 130 | Mild COVID-19 despite autoantibodies against type I IFNs in autoimmune polyendocrine syndrome type 1. <i>Journal of Clinical Investigation</i> , 2021 , 131, | 15.9 | 25 |
| 129 | Zoonotic hepatitis E virus strains in German blood donors. <i>Vox Sanguinis</i> , 2013 , 104, 179-80 | 3.1 | 24 |
| 128 | Differential Infection Patterns and Recent Evolutionary Origins of Equine Hepaciviruses in Donkeys. <i>Journal of Virology</i> , 2017 , 91, | 6.6 | 24 |
| 127 | First international external quality assessment of molecular diagnostics for Mers-CoV. <i>Journal of Clinical Virology</i> , 2015 , 69, 81-5 | 14.5 | 24 |
| 126 | Comparative sensitivity evaluation for 122 CE-marked rapid diagnostic tests for SARS-CoV-2 antigen, Germany, September 2020 to April 2021. <i>Eurosurveillance</i> , 2021 , 26, | 19.8 | 23 |
| 125 | Head-to-head comparison of SARS-CoV-2 antigen-detecting rapid test with self-collected anterior nasal swab versus professional-collected nasopharyngeal swab | | 23 |
| 124 | Molecular and serological infection marker screening in blood donors indicates high endemicity of hepatitis E virus in Poland. <i>Transfusion</i> , 2018 , 58, 1245-1253 | 2.9 | 22 |

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|-----|---|------|----|
| 123 | Evidence for widespread infection of African bats with Crimean-Congo hemorrhagic fever-like viruses. <i>Scientific Reports</i> , 2016 , 6, 26637 | 4.9 | 22 |
| 122 | An RNA-dependent RNA polymerase gene in bat genomes derived from an ancient negative-strand RNA virus. <i>Scientific Reports</i> , 2016 , 6, 25873 | 4.9 | 22 |
| 121 | The Abbott PanBio WHO emergency use listed, rapid, antigen-detecting point-of-care diagnostic test for SARS-CoV-2-Evaluation of the accuracy and ease-of-use. <i>PLoS ONE</i> , 2021 , 16, e0247918 | 3.7 | 21 |
| 120 | Disease Severity, Fever, Age, and Sex Correlate With SARS-CoV-2 Neutralizing Antibody Responses. <i>Frontiers in Immunology</i> , 2020 , 11, 628971 | 8.4 | 21 |
| 119 | AuthorsResponse: SARS-CoV-2 detection by real-time RT-PCR. <i>Eurosurveillance</i> , 2020 , 25, | 19.8 | 20 |
| 118 | Proficiency Testing of Virus Diagnostics Based on Bioinformatics Analysis of Simulated High-Throughput Sequencing Data Sets. <i>Journal of Clinical Microbiology</i> , 2019 , 57, | 9.7 | 19 |
| 117 | Similar virus spectra and seasonality in paediatric patients with acute respiratory disease, Ghana and Germany. <i>Clinical Microbiology and Infection</i> , 2016 , 22, 340-346 | 9.5 | 19 |
| 116 | Bat airway epithelial cells: a novel tool for the study of zoonotic viruses. <i>PLoS ONE</i> , 2014 , 9, e84679 | 3.7 | 19 |
| 115 | Surface glycoproteins of an African henipavirus induce syncytium formation in a cell line derived from an African fruit bat, <i>Hypsignathus monstrosus</i> . <i>Journal of Virology</i> , 2013 , 87, 13889-91 | 6.6 | 19 |
| 114 | Long-term immunogenicity of BNT162b2 vaccination in older people and younger health-care workers. <i>Lancet Respiratory Medicine</i> , 2021 , 9, e104-e105 | 35.1 | 19 |
| 113 | HCoV- and SARS-CoV-2 Cross-Reactive T Cells in COVID Patients. <i>Frontiers in Immunology</i> , 2020 , 11, 607918.4 | 18.4 | 19 |
| 112 | Potential benefit of convalescent plasma transfusions in immunocompromised patients with COVID-19. <i>Lancet Microbe</i> , 2021 , 2, e138 | 22.2 | 19 |
| 111 | Phylogenetic Analysis Supports Horizontal Transmission as a Driving Force of the Spread of Avian Bornaviruses. <i>PLoS ONE</i> , 2016 , 11, e0160936 | 3.7 | 18 |
| 110 | Mammalian deltavirus without hepadnavirus coinfection in the neotropical rodent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 17977-17983 | 11.5 | 18 |
| 109 | Evolutionary Origins of Enteric Hepatitis Viruses. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018 , 8, | 5.4 | 17 |
| 108 | Astrovirus infections induce age-dependent dysbiosis in gut microbiomes of bats. <i>ISME Journal</i> , 2018 , 12, 2883-2893 | 11.9 | 17 |
| 107 | Plasma mediators in patients with severe COVID-19 cause lung endothelial barrier failure. <i>European Respiratory Journal</i> , 2021 , 57, | 13.6 | 17 |
| 106 | Unusual serological response to hepatitis E virus in plasma donors consistent with re-infection. <i>Vox Sanguinis</i> , 2015 , 109, 406-9 | 3.1 | 16 |

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|-----|---|------|----|
| 105 | Seroprevalence and correlates of SARS-CoV-2 neutralizing antibodies: Results from a population-based study in Bonn, Germany | | 16 |
| 104 | Stability and neutralising capacity of SARS-CoV-2-specific antibodies in convalescent plasma. <i>Lancet Microbe, The</i> , 2020 , 1, e63 | 22.2 | 16 |
| 103 | Detection of distinct MERS-Coronavirus strains in dromedary camels from Kenya, 2017. <i>Emerging Microbes and Infections</i> , 2018 , 7, 195 | 18.9 | 16 |
| 102 | Countrywide Survey for MERS-Coronavirus Antibodies in Dromedaries and Humans in Pakistan. <i>Virologica Sinica</i> , 2018 , 33, 410-417 | 6.4 | 16 |
| 101 | SARS-CoV-2 patient self-testing with an antigen-detecting rapid test: a head-to-head comparison with professional testing | | 16 |
| 100 | Seasonal Fluctuations of Astrovirus, But Not Coronavirus Shedding in Bats Inhabiting Human-Modified Tropical Forests. <i>EcoHealth</i> , 2017 , 14, 272-284 | 3.1 | 15 |
| 99 | Imported case of Middle East respiratory syndrome coronavirus (MERS-CoV) infection from Oman to Thailand, June 2015. <i>Eurosurveillance</i> , 2017 , 22, | 19.8 | 15 |
| 98 | A SARS-CoV-2 neutralizing antibody protects from lung pathology in a COVID-19 hamster model 2020 , | | 15 |
| 97 | Impaired performance of SARS-CoV-2 antigen-detecting rapid diagnostic tests at elevated and low temperatures. <i>Journal of Clinical Virology</i> , 2021 , 138, 104796 | 14.5 | 15 |
| 96 | Shiga toxin-producing (STEC) isolated from fecal samples of African dromedary camels. <i>One Health</i> , 2019 , 7, 100087 | 7.6 | 14 |
| 95 | Functional properties and genetic relatedness of the fusion and hemagglutinin-neuraminidase proteins of a mumps virus-like bat virus. <i>Journal of Virology</i> , 2015 , 89, 4539-48 | 6.6 | 14 |
| 94 | Characterization of the SARS-CoV-2 Neutralization Potential of COVID-19-Convalescent Donors. <i>Journal of Immunology</i> , 2021 , 206, 2614-2622 | 5.3 | 14 |
| 93 | Adenovirus infection is associated with altered gut microbial communities in a non-human primate. <i>Scientific Reports</i> , 2019 , 9, 13410 | 4.9 | 13 |
| 92 | Surface glycoproteins of the recently identified African Henipavirus promote viral entry and cell fusion in a range of human, simian and bat cell lines. <i>Virus Research</i> , 2014 , 181, 77-80 | 6.4 | 13 |
| 91 | Typical epidemiology of respiratory virus infections in a Brazilian slum. <i>Journal of Medical Virology</i> , 2020 , 92, 1316-1321 | 19.7 | 13 |
| 90 | Diagnostic accuracy and feasibility of patient self-testing with a SARS-CoV-2 antigen-detecting rapid test. <i>Journal of Clinical Virology</i> , 2021 , 141, 104874 | 14.5 | 13 |
| 89 | Human small intestinal infection by SARS-CoV-2 is characterized by a mucosal infiltration with activated CD8 T cells. <i>Mucosal Immunology</i> , 2021 , 14, 1381-1392 | 9.2 | 13 |
| 88 | At Least Seven Distinct Rotavirus Genotype Constellations in Bats with Evidence of Reassortment and Zoonotic Transmissions. <i>MBio</i> , 2021 , 12, | 7.8 | 13 |

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|----|---|------|----|
| 87 | Enhanced fitness of SARS-CoV-2 variant of concern Alpha but not Beta.. <i>Nature</i> , 2021 , | 50.4 | 12 |
| 86 | Severe Acute Respiratory Syndrome Coronavirus 2 Outbreak Related to a Nightclub, Germany, 2020. <i>Emerging Infectious Diseases</i> , 2020 , 27, 645-648 | 10.2 | 12 |
| 85 | SARS-CoV-2 Beta variant infection elicits potent lineage-specific and cross-reactive antibodies.. <i>Science</i> , 2022 , 375, eabm5835 | 33.3 | 12 |
| 84 | Close genetic relatedness of picornaviruses from European and Asian bats. <i>Journal of General Virology</i> , 2017 , 98, 955-961 | 4.9 | 11 |
| 83 | Clinical and virological characteristics of hospitalised COVID-19 patients in a German tertiary care centre during the first wave of the SARS-CoV-2 pandemic: a prospective observational study. <i>Infection</i> , 2021 , 49, 703-714 | 5.8 | 11 |
| 82 | CD169/SIGLEC1 is expressed on circulating monocytes in COVID-19 and expression levels are associated with disease severity. <i>Infection</i> , 2021 , 49, 757-762 | 5.8 | 11 |
| 81 | SARS-CoV-2 Proteome-Wide Analysis Revealed Significant Epitope Signatures in COVID-19 Patients. <i>Frontiers in Immunology</i> , 2021 , 12, 629185 | 8.4 | 11 |
| 80 | Evaluation of accuracy, exclusivity, limit-of-detection and ease-of-use of LumiraDx□An antigen-detecting point-of-care device for SARS-CoV-2. <i>Infection</i> , 2021 , 1 | 5.8 | 11 |
| 79 | Development of a World Health Organization International Reference Panel for different genotypes of hepatitis E virus for nucleic acid amplification testing. <i>Journal of Clinical Virology</i> , 2019 , 119, 60-67 | 14.5 | 10 |
| 78 | Weather-Related Winter Mortality of Eurasian Oystercatchers (<i>Haematopus ostralegus</i>) in the Northeastern Wadden Sea. <i>Waterbirds</i> , 2014 , 37, 319-330 | 0.5 | 10 |
| 77 | Hepatitis E viral loads in plasma pools for fractionation. <i>Transfusion</i> , 2016 , 56, 2532-2537 | 2.9 | 10 |
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| 54 | Evaluation of accuracy, exclusivity, limit-of-detection and ease-of-use of LumiraDx β Antigen-detecting point-of-care device for SARS-CoV-2 | | 6 |
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| 17 | Serum but not mucosal antibody responses are predicted by pre-existing SARS-CoV-2 spike cross-reactive CD4+ T cells following BNT162b2 vaccination in the elderly | | 1 |
| 16 | Clinical and Virological Characteristics of Hospitalized COVID-19 Patients in a German Tertiary Care Center during the First Wave of the SARS-CoV-2 Pandemic | | 1 |

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| 15 | At least seven distinct rotavirus genotype constellations in bats with evidence of reassortment and zoonotic transmissions | | 1 |
| 14 | Hepatitis E Virus Genotype 7 RNA and Antibody Kinetics in Naturally Infected Dromedary Calves, United Arab Emirates. <i>Emerging Infectious Diseases</i> , 2020 , 26, 2214-2217 | 10.2 | 1 |
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