

Marcel Alexander MÃ¼ller

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

43,145
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docs citations

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62691
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | SARS-CoV-2 Cell Entry Depends on ACE2 and TMPRSS2 and Is Blocked by a Clinically Proven Protease Inhibitor. <i>Cell</i> , 2020, 181, 271-280.e8. | 13.5 | 16,161 |
| 2 | Virological assessment of hospitalized patients with COVID-2019. <i>Nature</i> , 2020, 581, 465-469. | 13.7 | 5,822 |
| 3 | Dipeptidyl peptidase 4 is a functional receptor for the emerging human coronavirus-EMC. <i>Nature</i> , 2013, 495, 251-254. | 13.7 | 1,731 |
| 4 | Severe Acute Respiratory Syndrome Coronavirus 2-Specific Antibody Responses in Coronavirus Disease Patients. <i>Emerging Infectious Diseases</i> , 2020, 26, 1478-1488. | 2.0 | 1,389 |
| 5 | SARS-CoV-2-reactive T cells in healthy donors and patients with COVID-19. <i>Nature</i> , 2020, 587, 270-274. | 13.7 | 1,115 |
| 6 | Evidence that TMPRSS2 Activates the Severe Acute Respiratory Syndrome Coronavirus Spike Protein for Membrane Fusion and Reduces Viral Control by the Humoral Immune Response. <i>Journal of Virology</i> , 2011, 85, 4122-4134. | 1.5 | 963 |
| 7 | Middle East respiratory syndrome coronavirus neutralising serum antibodies in dromedary camels: a comparative serological study. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 859-866. | 4.6 | 616 |
| 8 | Bats host major mammalian paramyxoviruses. <i>Nature Communications</i> , 2012, 3, 796. | 5.8 | 546 |
| 9 | Nafamostat Mesylate Blocks Activation of SARS-CoV-2: New Treatment Option for COVID-19. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, . | 1.4 | 394 |
| 10 | Rapid reconstruction of SARS-CoV-2 using a synthetic genomics platform. <i>Nature</i> , 2020, 582, 561-565. | 13.7 | 377 |
| 11 | Chloroquine does not inhibit infection of human lung cells with SARS-CoV-2. <i>Nature</i> , 2020, 585, 588-590. | 13.7 | 370 |
| 12 | The SARS-Coronavirus-Host Interactome: Identification of Cyclophilins as Target for Pan-Coronavirus Inhibitors. <i>PLoS Pathogens</i> , 2011, 7, e1002331. | 2.1 | 367 |
| 13 | Serological assays for emerging coronaviruses: Challenges and pitfalls. <i>Virus Research</i> , 2014, 194, 175-183. | 1.1 | 344 |
| 14 | Clinical features and virological analysis of a case of Middle East respiratory syndrome coronavirus infection. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 745-751. | 4.6 | 343 |
| 15 | Transmission of MERS-Coronavirus in Household Contacts. <i>New England Journal of Medicine</i> , 2014, 371, 828-835. | 13.9 | 338 |
| 16 | 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, 11336-11349. | 1.5 | 329 |
| 17 | Assays for laboratory confirmation of novel human coronavirus (hCoV-EMC) infections. <i>Eurosurveillance</i> , 2012, 17, . | 3.9 | 314 |
| 18 | Viral Shedding and Antibody Response in 37 Patients With Middle East Respiratory Syndrome Coronavirus Infection. <i>Clinical Infectious Diseases</i> , 2016, 62, civ951. | 2.9 | 312 |

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|----|---|------|-----------|
| 19 | The Spike Protein of the Emerging Betacoronavirus EMC Uses a Novel Coronavirus Receptor for Entry, Can Be Activated by TMPRSS2, and Is Targeted by Neutralizing Antibodies. <i>Journal of Virology</i> , 2013, 87, 5502-5511. | 1.5 | 305 |
| 20 | Human Infection with MERS Coronavirus after Exposure to Infected Camels, Saudi Arabia, 2013. <i>Emerging Infectious Diseases</i> , 2014, 20, 1012-1015. | 2.0 | 305 |
| 21 | 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. | 13.5 | 305 |
| 22 | SKP2 attenuates autophagy through Beclin1-ubiquitination and its inhibition reduces MERS-Coronavirus infection. <i>Nature Communications</i> , 2019, 10, 5770. | 5.8 | 286 |
| 23 | Challenges of Convalescent Plasma Infusion Therapy in Middle East Respiratory Coronavirus Infection: A Single Centre Experience. <i>Antiviral Therapy</i> , 2018, 23, 617-622. | 0.6 | 275 |
| 24 | Comparison of seven commercial SARS-CoV-2 rapid point-of-care antigen tests: a single-centre laboratory evaluation study. <i>Lancet Microbe</i> , The, 2021, 2, e311-e319. | 3.4 | 274 |
| 25 | Presence of Middle East respiratory syndrome coronavirus antibodies in Saudi Arabia: a nationwide, cross-sectional, serological study. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 559-564. | 4.6 | 270 |
| 26 | Cleavage and Activation of the Severe Acute Respiratory Syndrome Coronavirus Spike Protein by Human Airway Trypsin-Like Protease. <i>Journal of Virology</i> , 2011, 85, 13363-13372. | 1.5 | 259 |
| 27 | MERS Coronavirus Neutralizing Antibodies in Camels, Eastern Africa, 1983-1997. <i>Emerging Infectious Diseases</i> , 2014, 20, 2093-5. | 2.0 | 249 |
| 28 | 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, 9134-9147. | 1.5 | 222 |
| 29 | Cross-reactive CD4 ⁺ T cells enhance SARS-CoV-2 immune responses upon infection and vaccination. <i>Science</i> , 2021, 374, eabh1823. | 6.0 | 221 |
| 30 | Antibodies against MERS Coronavirus in Dromedary Camels, United Arab Emirates, 2003 and 2013. <i>Emerging Infectious Diseases</i> , 2014, 20, 552-559. | 2.0 | 217 |
| 31 | Distant Relatives of Severe Acute Respiratory Syndrome Coronavirus and Close Relatives of Human Coronavirus 229E in Bats, Ghana. <i>Emerging Infectious Diseases</i> , 2009, 15, 1377-1384. | 2.0 | 212 |
| 32 | Transcriptomic profiling of SARS-CoV-2 infected human cell lines identifies HSP90 as target for COVID-19 therapy. <i>Science</i> , 2021, 24, 102151. | 1.9 | 202 |
| 33 | Antibodies against MERS Coronavirus in Dromedary Camels, Kenya, 1992-2013. <i>Emerging Infectious Diseases</i> , 2014, 20, 1319-22. | 2.0 | 191 |
| 34 | Replication of human coronaviruses SARS-CoV, HCoV-NL63 and HCoV-229E is inhibited by the drug FK506. <i>Virus Research</i> , 2012, 165, 112-117. | 1.1 | 189 |
| 35 | Evidence for Novel Hepaciviruses in Rodents. <i>PLoS Pathogens</i> , 2013, 9, e1003438. | 2.1 | 187 |
| 36 | Efficient Replication of the Novel Human Betacoronavirus EMC on Primary Human Epithelium Highlights Its Zoonotic Potential. <i>MBio</i> , 2013, 4, e00611-12. | 1.8 | 183 |

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|----|---|------|-----------|
| 37 | 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. | 1.6 | 181 |
| 38 | Henipavirus RNA in African Bats. <i>PLoS ONE</i> , 2009, 4, e6367. | 1.1 | 181 |
| 39 | Human Coronavirus EMC Does Not Require the SARS-Coronavirus Receptor and Maintains Broad Replicative Capability in Mammalian Cell Lines. <i>MBio</i> , 2012, 3, . | 1.8 | 180 |
| 40 | Human Adaptation of Ebola Virus during the West African Outbreak. <i>Cell</i> , 2016, 167, 1079-1087.e5. | 13.5 | 180 |
| 41 | Middle East Respiratory Syndrome Coronavirus Accessory Protein 4a Is a Type I Interferon Antagonist. <i>Journal of Virology</i> , 2013, 87, 12489-12495. | 1.5 | 179 |
| 42 | Amplification of Emerging Viruses in a Bat Colony. <i>Emerging Infectious Diseases</i> , 2011, 17, 449-456. | 2.0 | 176 |
| 43 | Middle East Respiratory Syndrome coronavirus (MERS-CoV) serology in major livestock species in an affected region in Jordan, June to September 2013. <i>Eurosurveillance</i> , 2013, 18, 20662. | 3.9 | 174 |
| 44 | p53 down-regulates SARS coronavirus replication and is targeted by the SARS-unique domain and PL ^{pro} via E3 ubiquitin ligase RCHY1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5192-201. | 3.3 | 172 |
| 45 | SARS-CoV-2-mediated dysregulation of metabolism and autophagy uncovers host-targeting antivirals. <i>Nature Communications</i> , 2021, 12, 3818. | 5.8 | 172 |
| 46 | Human Coronavirus NL63 and 229E Seroconversion in Children. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2368-2373. | 1.8 | 171 |
| 47 | Poor Clinical Sensitivity of Rapid Antigen Test for Influenza A Pandemic (H1N1) 2009 Virus. <i>Emerging Infectious Diseases</i> , 2009, 15, 1662-1664. | 2.0 | 167 |
| 48 | 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, 16151-16156. | 3.3 | 154 |
| 49 | Detection and Prevalence Patterns of Group I Coronaviruses in Bats, Northern Germany. <i>Emerging Infectious Diseases</i> , 2008, 14, 626-631. | 2.0 | 148 |
| 50 | Rapid point of care diagnostic tests for viral and bacterial respiratory tract infections—needs, advances, and future prospects. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 1123-1135. | 4.6 | 143 |
| 51 | Targeting Membrane-Bound Viral RNA Synthesis Reveals Potent Inhibition of Diverse Coronaviruses Including the Middle East Respiratory Syndrome Virus. <i>PLoS Pathogens</i> , 2014, 10, e1004166. | 2.1 | 136 |
| 52 | 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, 9864-9869. | 3.3 | 122 |
| 53 | Mutations in the Spike Protein of Middle East Respiratory Syndrome Coronavirus Transmitted in Korea Increase Resistance to Antibody-Mediated Neutralization. <i>Journal of Virology</i> , 2019, 93, . | 1.5 | 111 |
| 54 | Filovirus receptor NPC1 contributes to species-specific patterns of ebolavirus susceptibility in bats. <i>ELife</i> , 2015, 4, . | 2.8 | 110 |

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|----|--|-----|-----------|
| 55 | In-vitro renal epithelial cell infection reveals a viral kidney tropism as a potential mechanism for acute renal failure during Middle East Respiratory Syndrome (MERS) Coronavirus infection. <i>Virology Journal</i> , 2013, 10, 359. | 1.4 | 109 |
| 56 | Characterization of a Novel Betacoronavirus Related to Middle East Respiratory Syndrome Coronavirus in European Hedgehogs. <i>Journal of Virology</i> , 2014, 88, 717-724. | 1.5 | 104 |
| 57 | Differential Sensitivity of Bat Cells to Infection by Enveloped RNA Viruses: Coronaviruses, Paramyxoviruses, Filoviruses, and Influenza Viruses. <i>PLoS ONE</i> , 2013, 8, e72942. | 1.1 | 103 |
| 58 | Accelerated viral dynamics in bat cell lines, with implications for zoonotic emergence. <i>ELife</i> , 2020, 9, . | 2.8 | 91 |
| 59 | Replicative Capacity of MERS Coronavirus in Livestock Cell Lines. <i>Emerging Infectious Diseases</i> , 2014, 20, 276-9. | 2.0 | 85 |
| 60 | Reference gene selection for quantitative real-time PCR analysis in virus infected cells: SARS corona virus, Yellow fever virus, Human Herpesvirus-6, Camelpox virus and Cytomegalovirus infections. <i>Virology Journal</i> , 2005, 2, 7. | 1.4 | 82 |
| 61 | Investigation of Anti-Middle East Respiratory Syndrome Antibodies in Blood Donors and Slaughterhouse Workers in Jeddah and Makkah, Saudi Arabia, Fall 2012. <i>Journal of Infectious Diseases</i> , 2014, 209, 243-246. | 1.9 | 81 |
| 62 | Specific serology for emerging human coronaviruses by protein microarray. <i>Eurosurveillance</i> , 2013, 18, 20441. | 3.9 | 80 |
| 63 | Polymorphisms in dipeptidyl peptidase 4 reduce host cell entry of Middle East respiratory syndrome coronavirus. <i>Emerging Microbes and Infections</i> , 2020, 9, 155-168. | 3.0 | 77 |
| 64 | Interferon antagonism by SARS-CoV-2: a functional study using reverse genetics. <i>Lancet Microbe</i> , The, 2021, 2, e210-e218. | 3.4 | 71 |
| 65 | Serologic responses of 42 MERS-coronavirus-infected patients according to the disease severity. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 89, 106-111. | 0.8 | 70 |
| 66 | Seroprevalence and correlates of SARS-CoV-2 neutralizing antibodies from a population-based study in Bonn, Germany. <i>Nature Communications</i> , 2021, 12, 2117. | 5.8 | 70 |
| 67 | 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. | 1.1 | 68 |
| 68 | Occupational Exposure to Dromedaries and Risk for MERS-CoV Infection, Qatar, 2013â€“2014. <i>Emerging Infectious Diseases</i> , 2015, 21, 1422-1425. | 2.0 | 66 |
| 69 | Comparative Analysis of Ebola Virus Glycoprotein Interactions With Human and Bat Cells. <i>Journal of Infectious Diseases</i> , 2011, 204, S840-S849. | 1.9 | 64 |
| 70 | The papain-like protease determines a virulence trait that varies among members of the SARS-coronavirus species. <i>PLoS Pathogens</i> , 2018, 14, e1007296. | 2.1 | 64 |
| 71 | Plaque assay for human coronavirus NL63 using human colon carcinoma cells. <i>Virology Journal</i> , 2008, 5, 138. | 1.4 | 62 |
| 72 | Two Novel Parvoviruses in Frugivorous New and Old World Bats. <i>PLoS ONE</i> , 2011, 6, e29140. | 1.1 | 62 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Coronavirus Antibodies in African Bat Species. <i>Emerging Infectious Diseases</i> , 2007, 13, 1367-1370. | 2.0 | 61 |
| 74 | A metaanalysis of bat phylogenetics and positive selection based on genomes and transcriptomes from 18 species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11351-11360. | 3.3 | 57 |
| 75 | Combined action of type I and type III interferon restricts initial replication of severe acute respiratory syndrome coronavirus in the lung but fails to inhibit systemic virus spread. <i>Journal of General Virology</i> , 2012, 93, 2601-2605. | 1.3 | 56 |
| 76 | MERS-CoV Antibodies in Humans, Africa, 2013–2014. <i>Emerging Infectious Diseases</i> , 2016, 22, 1086-1089. | 2.0 | 53 |
| 77 | Evolution and Antiviral Specificities of Interferon-Induced Mx Proteins of Bats against Ebola, Influenza, and Other RNA Viruses. <i>Journal of Virology</i> , 2017, 91, . | 1.5 | 53 |
| 78 | 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> , The, 2019, 3, e521-e528. | 5.1 | 52 |
| 79 | Disease Severity, Fever, Age, and Sex Correlate With SARS-CoV-2 Neutralizing Antibody Responses. <i>Frontiers in Immunology</i> , 2020, 11, 628971. | 2.2 | 51 |
| 80 | Provenance and Geographic Spread of St. Louis Encephalitis Virus. <i>MBio</i> , 2013, 4, e00322-13. | 1.8 | 50 |
| 81 | 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, 2951-2955. | 1.8 | 47 |
| 82 | Serologic Assessment of Possibility for MERS-CoV Infection in Equids. <i>Emerging Infectious Diseases</i> , 2015, 21, 181-182. | 2.0 | 45 |
| 83 | Mammalian deltavirus without hepadnavirus coinfection in the neotropical rodent <i>Proechimys semispinosus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17977-17983. | 3.3 | 44 |
| 84 | Susceptibility of different eukaryotic cell lines to SARS-coronavirus. <i>Archives of Virology</i> , 2005, 150, 1023-1031. | 0.9 | 43 |
| 85 | SARS-CoV-2 Proteome-Wide Analysis Revealed Significant Epitope Signatures in COVID-19 Patients. <i>Frontiers in Immunology</i> , 2021, 12, 629185. | 2.2 | 42 |
| 86 | Serological Evidence of Influenza A Viruses in Frugivorous Bats from Africa. <i>PLoS ONE</i> , 2015, 10, e0127035. | 1.1 | 39 |
| 87 | Serologic Evidence for MERS-CoV Infection in Dromedary Camels, Punjab, Pakistan, 2012–2015. <i>Emerging Infectious Diseases</i> , 2017, 23, 550-551. | 2.0 | 38 |
| 88 | Time Course of MERS-CoV Infection and Immunity in Dromedary Camels. <i>Emerging Infectious Diseases</i> , 2016, 22, 2171-2173. | 2.0 | 37 |
| 89 | Virus- and Interferon Alpha-Induced Transcriptomes of Cells from the Microbat <i>Myotis daubentonii</i> . <i>IScience</i> , 2019, 19, 647-661. | 1.9 | 37 |
| 90 | Comparative Serological Study for the Prevalence of Anti-MERS Coronavirus Antibodies in High- and Low-Risk Groups in Qatar. <i>Journal of Immunology Research</i> , 2019, 2019, 1-8. | 0.9 | 37 |

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|-----|--|-----|-----------|
| 91 | Human Coronavirus NL63 Open Reading Frame 3 encodes a virion-incorporated N-glycosylated membrane protein. <i>Virology Journal</i> , 2010, 7, 6. | 1.4 | 35 |
| 92 | An RNA-dependent RNA polymerase gene in bat genomes derived from an ancient negative-strand RNA virus. <i>Scientific Reports</i> , 2016, 6, 25873. | 1.6 | 35 |
| 93 | Shared Common Ancestry of Rodent Alphacoronaviruses Sampled Globally. <i>Viruses</i> , 2019, 11, 125. | 1.5 | 35 |
| 94 | Inhibition of Proprotein Convertases Abrogates Processing of the Middle Eastern Respiratory Syndrome Coronavirus Spike Protein in Infected Cells but Does Not Reduce Viral Infectivity. <i>Journal of Infectious Diseases</i> , 2015, 211, 889-897. | 1.9 | 34 |
| 95 | 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. | 1.6 | 33 |
| 96 | CD26/DPP4 Cell-Surface Expression in Bat Cells Correlates with Bat Cell Susceptibility to Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Infection and Evolution of Persistent Infection. <i>PLoS ONE</i> , 2014, 9, e112060. | 1.1 | 33 |
| 97 | 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. | 0.6 | 33 |
| 98 | Evidence for widespread infection of African bats with Crimean-Congo hemorrhagic fever-like viruses. <i>Scientific Reports</i> , 2016, 6, 26637. | 1.6 | 30 |
| 99 | Influenza A Virus Polymerase Is a Site for Adaptive Changes during Experimental Evolution in Bat Cells. <i>Journal of Virology</i> , 2014, 88, 12572-12585. | 1.5 | 28 |
| 100 | A Novel Rhabdovirus Isolated from the Straw-Colored Fruit Bat <i>Eidolon helvum</i> , with Signs of Antibodies in Swine and Humans. <i>Journal of Virology</i> , 2015, 89, 4588-4597. | 1.5 | 26 |
| 101 | Transcriptome profile of lung dendritic cells after in vitro porcine reproductive and respiratory syndrome virus (PRRSV) infection. <i>PLoS ONE</i> , 2017, 12, e0187735. | 1.1 | 25 |
| 102 | Bat Airway Epithelial Cells: A Novel Tool for the Study of Zoonotic Viruses. <i>PLoS ONE</i> , 2014, 9, e84679. | 1.1 | 24 |
| 103 | Detection of distinct MERS-Coronavirus strains in dromedary camels from Kenya, 2017. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-4. | 3.0 | 24 |
| 104 | Antiviral and Immunomodulatory Effects of <i>Pelargonium sidoides</i> DC. Root Extract EPs® 7630 in SARS-CoV-2-Infected Human Lung Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 757666. | 1.6 | 23 |
| 105 | Broad and Temperature Independent Replication Potential of Filoviruses on Cells Derived From Old and New World Bat Species. <i>Journal of Infectious Diseases</i> , 2016, 214, S297-S302. | 1.9 | 22 |
| 106 | Factors determining human-to-human transmissibility of zoonotic pathogens via contact. <i>Current Opinion in Virology</i> , 2017, 22, 7-12. | 2.6 | 21 |
| 107 | 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, 13889-13891. | 1.5 | 20 |
| 108 | Suggested new breakpoints of anti-MERS-CoV antibody ELISA titers: performance analysis of serologic tests. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2017, 36, 2179-2186. | 1.3 | 19 |

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|-----|--|-----|-----------|
| 109 | 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, 4539-4548. | 1.5 | 17 |
| 110 | Transgene expression in the genome of Middle East respiratory syndrome coronavirus based on a novel reverse genetics system utilizing Red-mediated recombination cloning. <i>Journal of General Virology</i> , 2017, 98, 2461-2469. | 1.3 | 16 |
| 111 | Comparison of Serologic Assays for Middle East Respiratory Syndrome Coronavirus. <i>Emerging Infectious Diseases</i> , 2019, 25, 1878-1883. | 2.0 | 16 |
| 112 | Cutting Edge: Serum but Not Mucosal Antibody Responses Are Associated with Pre-Existing SARS-CoV-2 Spike Cross-Reactive CD4+ T Cells following BNT162b2 Vaccination in the Elderly. <i>Journal of Immunology</i> , 2022, 208, 1001-1005. | 0.4 | 16 |
| 113 | A patient with severe respiratory failure caused by novel human coronavirus. <i>Infection</i> , 2014, 42, 203-206. | 2.3 | 14 |
| 114 | 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. | 1.1 | 14 |
| 115 | Serologic Evaluation of MERS Screening Strategy for Healthcare Personnel During a Hospital-Associated Outbreak. <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 234-238. | 1.0 | 13 |
| 116 | Entry, Replication, Immune Evasion, and Neurotoxicity of Synthetically Engineered Bat-Borne Mumps Virus. <i>Cell Reports</i> , 2018, 25, 312-320.e7. | 2.9 | 13 |
| 117 | Impact of dexamethasone on SARS-CoV-2 concentration kinetics and antibody response in hospitalized COVID-19 patients: results from a prospective observational study. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1520.e7-1520.e10. | 2.8 | 13 |
| 118 | Functional comparison of MERS-coronavirus lineages reveals increased replicative fitness of the recombinant lineage 5. <i>Nature Communications</i> , 2021, 12, 5324. | 5.8 | 11 |
| 119 | Attachment Protein G of an African Bat Henipavirus Is Differentially Restricted in Chiropteran and Nonchiropteran Cells. <i>Journal of Virology</i> , 2014, 88, 11973-11980. | 1.5 | 10 |
| 120 | Epithelial cell lines of the cotton rat (<i>Sigmodon hispidus</i>) are highly susceptible in vitro models to zoonotic Bunya-, Rhabdo-, and Flaviviruses. <i>Virology Journal</i> , 2016, 13, 74. | 1.4 | 9 |
| 121 | Nonhuman Transferrin Receptor 1 Is an Efficient Cell Entry Receptor for Ocozocoautla de Espinosa Virus. <i>Journal of Virology</i> , 2013, 87, 13930-13935. | 1.5 | 5 |
| 122 | Fusogenicity of the Ghana Virus (Henipavirus: Ghanaian bat henipavirus) Fusion Protein is Controlled by the Cytoplasmic Domain of the Attachment Glycoprotein. <i>Viruses</i> , 2019, 11, 800. | 1.5 | 5 |
| 123 | Human Lungs Show Limited Permissiveness for SARS-CoV-2 Due to Scarce ACE2 Levels But Strong Virus-Induced Immune Activation in Alveolar Macrophages. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 5 |
| 124 | Reduced IFN-Å inhibitory activity of Lagos bat virus phosphoproteins in human compared to Eidolon helvum bat cells. <i>PLoS ONE</i> , 2022, 17, e0264450. | 1.1 | 4 |
| 125 | A Sars-Cov-2 Neutralizing Antibody Protects from Lung Pathology in a Covid-19 Hamster Model. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 3 |