

Marcel Alexander Mller

List of Publications by Citations

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137 papers	30,616 citations	65 h-index	147 g-index
147 ext. papers	38,517 ext. citations	12 avg, IF	7.59 L-index

#	Paper	IF	Citations
137	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	56.2	10629
136	Virological assessment of hospitalized patients with COVID-2019. <i>Nature</i> , 2020 , 581, 465-469	50.4	4168
135	Dipeptidyl peptidase 4 is a functional receptor for the emerging human coronavirus-EMC. <i>Nature</i> , 2013 , 495, 251-4	50.4	1362
134	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
133	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, 4122-34	6.6	711
132	SARS-CoV-2-reactive T cells in healthy donors and patients with COVID-19. <i>Nature</i> , 2020 , 587, 270-274	50.4	688
131	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
130	Bats host major mammalian paramyxoviruses. <i>Nature Communications</i> , 2012 , 3, 796	17.4	435
129	The SARS-coronavirus-host interactome: identification of cyclophilins as target for pan-coronavirus inhibitors. <i>PLoS Pathogens</i> , 2011 , 7, e1002331	7.6	292
128	Transmission of MERS-coronavirus in household contacts. <i>New England Journal of Medicine</i> , 2014 , 371, 828-35	59.2	288
127	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
126	The novel coronavirus 2019 (2019-nCoV) uses the SARS-coronavirus receptor ACE2 and the cellular protease TMPRSS2 for entry into target cells		284
125	Nafamostat Mesylate Blocks Activation of SARS-CoV-2: New Treatment Option for COVID-19. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	281
124	Assays for laboratory confirmation of novel human coronavirus (hCoV-EMC) infections. <i>Eurosurveillance</i> , 2012 , 17,	19.8	273
123	Serological assays for emerging coronaviruses: challenges and pitfalls. <i>Virus Research</i> , 2014 , 194, 175-83	6.4	270
122	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
121	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

120	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, 5502-11	6.6	251
119	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
118	Chloroquine does not inhibit infection of human lung cells with SARS-CoV-2. <i>Nature</i> , 2020 , 585, 588-590	50.4	243
117	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
116	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, 13363-72	6.6	219
115	Challenges of convalescent plasma infusion therapy in Middle East respiratory coronavirus infection: a single centre experience. <i>Antiviral Therapy</i> , 2018 , 23, 617-622	1.6	216
114	MERS coronavirus neutralizing antibodies in camels, Eastern Africa, 1983-1997. <i>Emerging Infectious Diseases</i> , 2014 , 20, 2093-5	10.2	206
113	Rapid reconstruction of SARS-CoV-2 using a synthetic genomics platform. <i>Nature</i> , 2020 , 582, 561-565	50.4	205
112	SKP2 attenuates autophagy through Beclin1-ubiquitination and its inhibition reduces MERS-Coronavirus infection. <i>Nature Communications</i> , 2019 , 10, 5770	17.4	192
111	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
110	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
109	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
108	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, 1377-84	10.2	170
107	Virological assessment of hospitalized cases of coronavirus disease 2019		158
106	Antibodies against MERS coronavirus in dromedary camels, Kenya, 1992-2013. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1319-22	10.2	156
105	Replication of human coronaviruses SARS-CoV, HCoV-NL63 and HCoV-229E is inhibited by the drug FK506. <i>Virus Research</i> , 2012 , 165, 112-7	6.4	155
104	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	19.8	154
103	Human coronavirus EMC does not require the SARS-coronavirus receptor and maintains broad replicative capability in mammalian cell lines. <i>MBio</i> , 2012 , 3,	7.8	154

102	Efficient replication of the novel human betacoronavirus EMC on primary human epithelium highlights its zoonotic potential. <i>MBio</i> , 2013 , 4, e00611-12	7.8	151
101	Henipavirus RNA in African bats. <i>PLoS ONE</i> , 2009 , 4, e6367	3.7	150
100	Evidence for novel hepaciviruses in rodents. <i>PLoS Pathogens</i> , 2013 , 9, e1003438	7.6	148
99	Middle East respiratory syndrome coronavirus accessory protein 4a is a type I interferon antagonist. <i>Journal of Virology</i> , 2013 , 87, 12489-95	6.6	143
98	Poor clinical sensitivity of rapid antigen test for influenza A pandemic (H1N1) 2009 virus. <i>Emerging Infectious Diseases</i> , 2009 , 15, 1662-4	10.2	142
97	Amplification of emerging viruses in a bat colony. <i>Emerging Infectious Diseases</i> , 2011 , 17, 449-56	10.2	138
96	Human Adaptation of Ebola Virus during the West African Outbreak. <i>Cell</i> , 2016 , 167, 1079-1087.e5	56.2	134
95	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
94	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
93	Detection and prevalence patterns of group I coronaviruses in bats, northern Germany. <i>Emerging Infectious Diseases</i> , 2008 , 14, 626-31	10.2	124
92	Human coronavirus NL63 and 229E seroconversion in children. <i>Journal of Clinical Microbiology</i> , 2008 , 46, 2368-73	9.7	119
91	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
90	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	7.6	113
89	Rapid point of care diagnostic tests for viral and bacterial respiratory tract infections--needs, advances, and future prospects. <i>Lancet Infectious Diseases, The</i> , 2014 , 14, 1123-1135	25.5	105
88	p53 down-regulates SARS coronavirus replication and is targeted by the SARS-unique domain and PLpro via E3 ubiquitin ligase RCHY1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E5192-201	11.5	104
87	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	6.1	96
86	SARS-CoV-2 specific antibody responses in COVID-19 patients		88
85	Presence of SARS-CoV-2-reactive T cells in COVID-19 patients and healthy donors		88

84	Differential sensitivity of bat cells to infection by enveloped RNA viruses: coronaviruses, paramyxoviruses, filoviruses, and influenza viruses. <i>PLoS ONE</i> , 2013 , 8, e72942	3.7	87
83	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
82	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,	6.6	84
81	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
80	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	6.1	77
79	Specific serology for emerging human coronaviruses by protein microarray. <i>Eurosurveillance</i> , 2013 , 18, 20441	19.8	76
78	Filovirus receptor NPC1 contributes to species-specific patterns of ebolavirus susceptibility in bats. <i>ELife</i> , 2015 , 4,	8.9	76
77	Replicative Capacity of MERS Coronavirus in Livestock Cell Lines. <i>Emerging Infectious Diseases</i> , 2014 , 20, 276-9	10.2	75
76	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, 243-6	7	72
75	Transcriptomic profiling of SARS-CoV-2 infected human cell lines identifies HSP90 as target for COVID-19 therapy. <i>IScience</i> , 2021 , 24, 102151	6.1	72
74	Accelerated viral dynamics in bat cell lines, with implications for zoonotic emergence. <i>ELife</i> , 2020 , 9,	8.9	64
73	Occupational Exposure to Dromedaries and Risk for MERS-CoV Infection, Qatar, 2013-2014. <i>Emerging Infectious Diseases</i> , 2015 , 21, 1422-5	10.2	63
72	Serologic responses of 42 MERS-coronavirus-infected patients according to the disease severity. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017 , 89, 106-111	2.9	62
71	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
70	Coronavirus antibodies in African bat species. <i>Emerging Infectious Diseases</i> , 2007 , 13, 1367-70	10.2	55
69	Comparative analysis of Ebola virus glycoprotein interactions with human and bat cells. <i>Journal of Infectious Diseases</i> , 2011 , 204 Suppl 3, S840-9	7	54
68	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	18.9	53
67	Analysis of SARS-CoV-2-controlled autophagy reveals spermidine, MK-2206, and niclosamide as putative antiviral therapeutics		53

66	SARS-CoV-2-mediated dysregulation of metabolism and autophagy uncovers host-targeting antivirals. <i>Nature Communications</i> , 2021 , 12, 3818	17.4	53
65	Cross-reactive CD4 T cells enhance SARS-CoV-2 immune responses upon infection and vaccination. <i>Science</i> , 2021 , 374, eabh1823	33.3	53
64	Two novel parvoviruses in frugivorous New and Old World bats. <i>PLoS ONE</i> , 2011 , 6, e29140	3.7	52
63	Plaque assay for human coronavirus NL63 using human colon carcinoma cells. <i>Virology Journal</i> , 2008 , 5, 138	6.1	51
62	The papain-like protease determines a virulence trait that varies among members of the SARS-coronavirus species. <i>PLoS Pathogens</i> , 2018 , 14, e1007296	7.6	49
61	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
60	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	4.9	43
59	MERS-CoV Antibodies in Humans, Africa, 2013-2014. <i>Emerging Infectious Diseases</i> , 2016 , 22, 1086-9	10.2	43
58	Serologic assessment of possibility for MERS-CoV infection in equids. <i>Emerging Infectious Diseases</i> , 2015 , 21, 181-2	10.2	40
57	Provenance and geographic spread of St. Louis encephalitis virus. <i>MBio</i> , 2013 , 4, e00322-13	7.8	40
56	Comparison of seven commercial SARS-CoV-2 rapid Point-of-Care Antigen tests		38
55	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,	6.6	34
54	Serological evidence of influenza A viruses in frugivorous bats from Africa. <i>PLoS ONE</i> , 2015 , 10, e0127035	3.7	34
53	Susceptibility of different eukaryotic cell lines to SARS-coronavirus. <i>Archives of Virology</i> , 2005 , 150, 1023-31	2.1	34
52	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
51	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	11.5	33
50	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, 889-97	7	33
49	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, 1386740	4.5	32

48	Time Course of MERS-CoV Infection and Immunity in Dromedary Camels. <i>Emerging Infectious Diseases</i> , 2016 , 22, 2171-2173	10.2	31
47	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
46	Human coronavirus NL63 open reading frame 3 encodes a virion-incorporated N-glycosylated membrane protein. <i>Virology Journal</i> , 2010 , 7, 6	6.1	31
45	Enzootic patterns of Middle East respiratory syndrome coronavirus in imported African and local Arabian dromedary camels: a prospective genomic study. <i>Lancet Planetary Health, The</i> , 2019 , 3, e521-e528	9.8	31
44	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
43	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	3.7	27
42	Influenza A virus polymerase is a site for adaptive changes during experimental evolution in bat cells. <i>Journal of Virology</i> , 2014 , 88, 12572-85	6.6	22
41	Evidence for widespread infection of African bats with Crimean-Congo hemorrhagic fever-like viruses. <i>Scientific Reports</i> , 2016 , 6, 26637	4.9	22
40	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
39	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
38	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, 4588-97	6.6	20
37	Bat airway epithelial cells: a novel tool for the study of zoonotic viruses. <i>PLoS ONE</i> , 2014 , 9, e84679	3.7	19
36	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
35	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	7	18
34	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
33	Interferon antagonism by SARS-CoV-2: a functional study using reverse genetics. <i>Lancet Microbe, The</i> , 2021 , 2, e210-e218	22.2	18
32	Virus- and Interferon Alpha-Induced Transcriptomes of Cells from the Microbat <i>Myotis daubentonii</i> . <i>IScience</i> , 2019 , 19, 647-661	6.1	17
31	Shared Common Ancestry of Rodent Alphacoronaviruses Sampled Globally. <i>Viruses</i> , 2019 , 11,	6.2	16

30	Detection of distinct MERS-Coronavirus strains in dromedary camels from Kenya, 2017. <i>Emerging Microbes and Infections</i> , 2018 , 7, 195	18.9	16
29	A SARS-CoV-2 neutralizing antibody protects from lung pathology in a COVID-19 hamster model 2020 ,		15
28	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
27	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
26	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	5.3	14
25	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
24	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	4.9	13
23	Comparison of Serologic Assays for Middle East Respiratory Syndrome Coronavirus. <i>Emerging Infectious Diseases</i> , 2019 , 25, 1878-1883	10.2	12
22	Transcriptome profile of lung dendritic cells after in vitro porcine reproductive and respiratory syndrome virus (PRRSV) infection. <i>PLoS ONE</i> , 2017 , 12, e0187735	3.7	12
21	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	2	12
20	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
19	Factors determining human-to-human transmissibility of zoonotic pathogens via contact. <i>Current Opinion in Virology</i> , 2017 , 22, 7-12	7.5	10
18	A patient with severe respiratory failure caused by novel human coronavirus. <i>Infection</i> , 2014 , 42, 203-6	5.8	10
17	Attachment protein G of an African bat henipavirus is differentially restricted in chiropteran and nonchiropteran cells. <i>Journal of Virology</i> , 2014 , 88, 11973-80	6.6	9
16	Entry, Replication, Immune Evasion, and Neurotoxicity of Synthetically Engineered Bat-Borne Mumps Virus. <i>Cell Reports</i> , 2018 , 25, 312-320.e7	10.6	9
15	Rapid reconstruction of SARS-CoV-2 using a synthetic genomics platform		7
14	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	6.1	6
13	Fusogenicity of the Ghana Virus (:) Fusion Protein is Controlled by the Cytoplasmic Domain of the Attachment Glycoprotein. <i>Viruses</i> , 2019 , 11,	6.2	5

12	Nonhuman transferrin receptor 1 is an efficient cell entry receptor for Ocozocoautla de Espinosa virus. <i>Journal of Virology</i> , 2013 , 87, 13930-5	6.6	5
11	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 ,	5.3	4
10	Author response: Accelerated viral dynamics in bat cell lines, with implications for zoonotic emergence 2020 ,		3
9	Antiviral and Immunomodulatory Effects of Root Extract EPs 7630 in SARS-CoV-2-Infected Human Lung Cells. <i>Frontiers in Pharmacology</i> , 2021 , 12, 757666	5.6	3
8	Cross-reactive CD4+ T cells enhance SARS-CoV-2 immune responses upon infection and vaccination		3
7	Impaired performance of SARS-CoV-2 antigen-detecting rapid tests at elevated temperatures		3
6	A Sars-Cov-2 Neutralizing Antibody Protects from Lung Pathology in a Covid-19 Hamster Model. <i>SSRN Electronic Journal</i> ,	1	2
5	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> ,	1	2
4	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	9.5	2
3	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
2	Reduced IFN- γ inhibitory activity of Lagos bat virus phosphoproteins in human compared to Eidolon helvum bat cells.. <i>PLoS ONE</i> , 2022 , 17, e0264450	3.7	1
1	Functional comparison of MERS-coronavirus lineages reveals increased replicative fitness of the recombinant lineage 5. <i>Nature Communications</i> , 2021 , 12, 5324	17.4	0