

Victor M Corman

List of Publications by Year in Descending Order

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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	RNA reference materials with defined viral RNA loads of SARS-CoV-2-A useful tool towards a better PCR assay harmonization.. <i>PLoS ONE</i> , 2022 , 17, e0262656	3.7	2
229	Advanced sequencing approaches detected insertions of viral and human origin in the viral genome of chronic hepatitis E virus patients.. <i>Scientific Reports</i> , 2022 , 12, 1720	4.9	1
228	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
227	SARS-CoV-2 Variant of Concern B.1.1.7: Diagnostic Sensitivity of Three Antigen-Detecting Rapid Tests.. <i>Microbiology Spectrum</i> , 2022 , e0076321	8.9	1
226	SARS-CoV-2 Beta variant infection elicits potent lineage-specific and cross-reactive antibodies.. <i>Science</i> , 2022 , 375, eabm5835	33.3	12
225	SARS-CoV-2 T Cell Response in Severe and Fatal COVID-19 in Primary Antibody Deficiency Patients Without Specific Humoral Immunity.. <i>Frontiers in Immunology</i> , 2022 , 13, 840126	8.4	1
224	Contamination of CT scanner surfaces with SARS-CoV-2 and infective potential after examination of invasively ventilated, non-invasively ventilated and non-ventilated patients with positive throat swabs: prospective investigation using real-time reverse-transcription PCR and viral cell culture.. <i>Insights Into Imaging</i> , 2022 , 13, 61	5.6	0
223	Pausing methotrexate improves immunogenicity of COVID-19 vaccination in elderly patients with rheumatic diseases.. <i>Annals of the Rheumatic Diseases</i> , 2022 ,	2.4	2
222	Identification of rabbit hepatitis E virus (HEV) and novel HEV clade in Irish blood donors.. <i>Journal of Hepatology</i> , 2022 ,	13.4	1
221	Genetic diversity of hepatitis E virus (HEV) in imported and domestic camels in Saudi Arabia.. <i>Scientific Reports</i> , 2022 , 12, 7005	4.9	1
220	In Vitro Screening Identifies TRPV4 and PAR1 as Targets for Endothelial Barrier Stabilization in COVID-19.. <i>FASEB Journal</i> , 2022 , 36 Suppl 1,	0.9	1
219	Early and Rapid Identification of COVID-19 Patients with Neutralizing Type I Interferon Auto-antibodies.. <i>Journal of Clinical Immunology</i> , 2022 , 1	5.7	1
218	Preserved T cell responses to SARS-CoV-2 in anti-CD20 treated multiple sclerosis.. <i>Multiple Sclerosis Journal</i> , 2022 , 13524585221094478	5	1
217	Complement activation induces excessive T cell cytotoxicity in severe COVID-19.. <i>Cell</i> , 2021 ,	56.2	9
216	Enhanced fitness of SARS-CoV-2 variant of concern Alpha but not Beta.. <i>Nature</i> , 2021 ,	50.4	12
215	Cell Culture Isolation and Whole Genome Characterization of Hepatitis E Virus Strains from Wild Boars in Germany. <i>Microorganisms</i> , 2021 , 9,	4.9	1
214	Establishment of a specimen panel for the decentralised technical evaluation of the sensitivity of 31 rapid diagnostic tests for SARS-CoV-2 antigen, Germany, September 2020 to April 2021. <i>Eurosurveillance</i> , 2021 , 26,	19.8	4

213	Evidence of MHC class I and II influencing viral and helminth infection via the microbiome in a non-human primate. <i>PLoS Pathogens</i> , 2021 , 17, e1009675	7.6	3
212	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
211	Rabies is still a fatal but neglected disease: a case report. <i>Journal of Medical Case Reports</i> , 2021 , 15, 575	1.2	0
210	Accuracy and ease-of-use of seven point-of-care SARS-CoV-2 antigen-detecting tests: A multi-centre clinical evaluation.. <i>EBioMedicine</i> , 2021 , 75, 103774	8.8	6
209	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
208	Untimely TGF β responses in COVID-19 limit antiviral functions of NK cells. <i>Nature</i> , 2021 , 600, 295-301	50.4	26
207	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
206	Transmission of SARS-CoV-2 in northern Ghana: insights from whole-genome sequencing. <i>Archives of Virology</i> , 2021 , 166, 1385-1393	2.6	2
205	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
204	Potential benefit of convalescent plasma transfusions in immunocompromised patients with COVID-19. <i>Lancet Microbe</i> , 2021 , 2, e138	22.2	19
203	Surveillance of SARS-CoV-2 in Frankfurt am Main from October to December 2020 Reveals High Viral Diversity Including Spike Mutation N501Y in B.1.1.70 and B.1.1.7. <i>Microorganisms</i> , 2021 , 9,	4.9	8
202	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
201	Comparison of seven commercial SARS-CoV-2 rapid point-of-care antigen tests: a single-centre laboratory evaluation study. <i>Lancet Microbe</i> , 2021 , 2, e311-e319	22.2	119
200	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
199	Molecular detection of cosaviruses in a patient with acute flaccid paralysis and in sewage samples in Germany. <i>Virus Research</i> , 2021 , 297, 198285	6.4	1
198	Estimating infectiousness throughout SARS-CoV-2 infection course. <i>Science</i> , 2021 , 373,	33.3	172
197	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
196	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

195	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
194	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
193	Immunogenicity of COVID-19 Tozinameran Vaccination in Patients on Chronic Dialysis. <i>Frontiers in Immunology</i> , 2021 , 12, 690698	8.4	28
192	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
191	SARS-CoV-2-mediated dysregulation of metabolism and autophagy uncovers host-targeting antivirals. <i>Nature Communications</i> , 2021 , 12, 3818	17.4	53
190	A broadly cross-reactive monoclonal antibody against hepatitis E virus capsid antigen. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 4957-4973	5.7	4
189	COVID-19: Autopsy findings in six patients between 26 and 46 years of age. <i>International Journal of Infectious Diseases</i> , 2021 , 108, 274-281	10.5	1
188	Reactive T Cells in Convalescent COVID-19 Patients With Negative SARS-CoV-2 Antibody Serology. <i>Frontiers in Immunology</i> , 2021 , 12, 687449	8.4	9
187	Plasma mediators in patients with severe COVID-19 cause lung endothelial barrier failure. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	17
186	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
185	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
184	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
183	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
182	Hypertension delays viral clearance and exacerbates airway hyperinflammation in patients with COVID-19. <i>Nature Biotechnology</i> , 2021 , 39, 705-716	44.5	65
181	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
180	An Evaluation of Hepatitis E Virus Molecular Typing Methods.. <i>Clinical Chemistry</i> , 2021 , 68, 181-191	5.5	2
179	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
178	Causes of death and comorbidities in hospitalized patients with COVID-19. <i>Scientific Reports</i> , 2021 , 11, 4263	4.9	96

177	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
176	B cell depletion and signs of sepsis-acquired immunodeficiency in bone marrow and spleen of COVID-19 deceased. <i>International Journal of Infectious Diseases</i> , 2021 , 103, 628-635	10.5	6
175	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
174	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
173	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
172	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
171	Cross-reactive CD4 T cells enhance SARS-CoV-2 immune responses upon infection and vaccination. <i>Science</i> , 2021 , 374, eabh1823	33.3	53
170	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
169	A time-resolved proteomic and prognostic map of COVID-19. <i>Cell Systems</i> , 2021 , 12, 780-794.e7	10.6	32
168	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
167	Outbreak of SARS-CoV-2 B.1.1.7 Lineage after Vaccination in Long-Term Care Facility, Germany, February-March 2021. <i>Emerging Infectious Diseases</i> , 2021 , 27, 2169-2173	10.2	10
166	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</i> , 2021 , 9, 1255-1265	35.1	91
165	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
164	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
163	Anterior nasal versus nasal mid-turbinate sampling for a SARS-CoV-2 antigen-detecting rapid test: does localisation or professional collection matter?. <i>Infectious Diseases</i> , 2021 , 53, 947-952	3.1	9
162	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
161	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
160	Rabies virus in slaughtered dogs for meat consumption in Ghana: A potential risk for rabies transmission. <i>Transboundary and Emerging Diseases</i> , 2021 ,	4.2	2

159	MERS-CoV in sheep, goats, and cattle, United Arab Emirates, 2019: Virological and serological investigations reveal an accidental spillover from dromedaries. <i>Transboundary and Emerging Diseases</i> , 2021 ,	4.2	3
158	COVID-19: a fatal case of acute liver failure associated with SARS-CoV-2 infection in pre-existing liver cirrhosis. <i>BMC Infectious Diseases</i> , 2021 , 21, 901	4	0
157	Increased risk of severe clinical course of COVID-19 in carriers of HLA-C*04:01. <i>EClinicalMedicine</i> , 2021 , 40, 101099	11.3	9
156	Mutations Associated with SARS-CoV-2 Variants of Concern, Benin, Early 2021. <i>Emerging Infectious Diseases</i> , 2021 , 27, 2889-2903	10.2	5
155	At Least Seven Distinct Rotavirus Genotype Constellations in Bats with Evidence of Reassortment and Zoonotic Transmissions. <i>MBio</i> , 2021 , 12,	7.8	13
154	Donors for SARS-CoV-2 Convalescent Plasma for a Controlled Clinical Trial: Donor Characteristics, Content and Time Course of SARS-CoV-2 Neutralizing Antibodies. <i>Transfusion Medicine and Hemotherapy</i> , 2021 , 48, 137-147	4.2	7
153	Low Seroprevalence of SARS-CoV-2 Antibodies during Systematic Antibody Screening and Serum Responses in Patients after COVID-19 in a German Transplant Center. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	9
152	SARS-CoV-2 asymptomatic and symptomatic patients and risk for transfusion transmission. <i>Transfusion</i> , 2020 , 60, 1119-1122	2.9	65
151	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
150	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
149	Rapid reconstruction of SARS-CoV-2 using a synthetic genomics platform. <i>Nature</i> , 2020 , 582, 561-565	50.4	205
148	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
147	Crimean-Congo Hemorrhagic Fever Virus in Humans and Livestock, Pakistan, 2015-2017. <i>Emerging Infectious Diseases</i> , 2020 , 26, 773-777	10.2	9
146	Antimicrobial resistant and extended-spectrum β -lactamase (ESBL) producing isolated from fecal samples of African dromedary camels. <i>Scientific African</i> , 2020 , 7, e00274	1.7	2
145	COVID-19: B-Cell Depletion and Sepsis Related Changes in Bone Marrow and Spleen. <i>Blood</i> , 2020 , 136, 46-46	2.2	2
144	Detection and genomic characterization of hepatitis E virus genotype 3 from pigs in Ghana, Africa. <i>One Health Outlook</i> , 2020 , 2, 10	5	3
143	Specialist laboratory networks as preparedness and response tool - the Emerging Viral Diseases-Expert Laboratory Network and the Chikungunya outbreak, Thailand, 2019. <i>Eurosurveillance</i> , 2020 , 25,	19.8	4
142	AuthorsResponse: SARS-CoV-2 detection by real-time RT-PCR. <i>Eurosurveillance</i> , 2020 , 25,	19.8	20

141	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
140	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
139	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
138	AuthorsResponse: Plenty of coronaviruses but no SARS-CoV-2. <i>Eurosurveillance</i> , 2020 , 25,	19.8	1
137	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
136	Virological assessment of hospitalized patients with COVID-2019. <i>Nature</i> , 2020 , 581, 465-469	50.4	4168
135	SARS-CoV-2-reactive T cells in healthy donors and patients with COVID-19. <i>Nature</i> , 2020 , 587, 270-274	50.4	688
134	A SARS-CoV-2 neutralizing antibody protects from lung pathology in a COVID-19 hamster model 2020 ,		15
133	Monitoring of free-ranging and captive populations in Western Europe for avian bornaviruses, circoviruses and polyomaviruses. <i>Avian Pathology</i> , 2020 , 49, 119-130	2.4	3
132	Typical epidemiology of respiratory virus infections in a Brazilian slum. <i>Journal of Medical Virology</i> , 2020 , 92, 1316-1321	19.7	13
131	Cross-order host switches of hepatitis C-related viruses illustrated by a novel hepacivirus from sloths. <i>Virus Evolution</i> , 2020 , 6, veaa033	3.7	2
130	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
129	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
128	Pathogen-associated selection on innate immunity genes (TLR4, TLR7) in a neotropical rodent in landscapes differing in anthropogenic disturbance. <i>Heredity</i> , 2020 , 125, 184-199	3.6	5
127	HCoV- and SARS-CoV-2 Cross-Reactive T Cells in COVID Patients. <i>Frontiers in Immunology</i> , 2020 , 11, 607918.4	18.4	19
126	SARS-CoV-2 and the safety margins of cell-based biological medicinal products. <i>Biologicals</i> , 2020 , 68, 122-124	1.8	9
125	Detection of 2019 novel coronavirus (2019-nCoV) by real-time RT-PCR. <i>Eurosurveillance</i> , 2020 , 25,	19.8	4027
124	Stability and neutralising capacity of SARS-CoV-2-specific antibodies in convalescent plasma. <i>Lancet Microbe</i> , 2020 , 1, e63	22.2	16


123	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , 2020 , 182, 1419-1440.e236.2	36.2	558
122	Development of a fully automated high throughput PCR for the detection of SARS-CoV-2: The need for speed. <i>Virulence</i> , 2020 , 11, 964-967	4.7	4
121	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
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	Adenovirus infection is associated with altered gut microbial communities in a non-human primate. <i>Scientific Reports</i> , 2019 , 9, 13410	4.9	13
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	Hepatitis E Virus Infection in European Brown Hares, Germany, 2007-2014. <i>Emerging Infectious Diseases</i> , 2019 , 25, 1233-1235	10.2	9
116	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
115	Shiga toxin-producing (STEC) isolated from fecal samples of African dromedary camels. <i>One Health</i> , 2019 , 7, 100087	7.6	14
114	Genomic and spatial variability of a European common vole hepevirus. <i>Archives of Virology</i> , 2019 , 164, 2671-2682	2.6	8
113	Highly diversified shrew hepatitis B viruses corroborate ancient origins and divergent infection patterns of mammalian hepadnaviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 17007-17012	11.5	8
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	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
110	Evolutionary biology of human hepatitis viruses. <i>Journal of Hepatology</i> , 2019 , 70, 501-520	13.4	28
109	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
108	Evolutionary Origins of Enteric Hepatitis Viruses. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018 , 8,	5.4	17
107	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
106	Astrovirus infections induce age-dependent dysbiosis in gut microbiomes of bats. <i>ISME Journal</i> , 2018 , 12, 2883-2893	11.9	17

105	Human coronavirus OC43 outbreak in wild chimpanzees, Côte d'Ivoire, 2016. <i>Emerging Microbes and Infections</i> , 2018 , 7, 118	18.9	45
104	Hosts and Sources of Endemic Human Coronaviruses. <i>Advances in Virus Research</i> , 2018 , 100, 163-188	10.7	520
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	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
100	Ecological drivers of Hepacivirus infection in a neotropical rodent inhabiting landscapes with various degrees of human environmental change. <i>Oecologia</i> , 2018 , 188, 289-302	2.9	6
99	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
98	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
97	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
96	Differential Infection Patterns and Recent Evolutionary Origins of Equine Hepaciviruses in Donkeys. <i>Journal of Virology</i> , 2017 , 91,	6.6	24
95	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
94	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
93	Close genetic relatedness of picornaviruses from European and Asian bats. <i>Journal of General Virology</i> , 2017 , 98, 955-961	4.9	11
92	Time Course of MERS-CoV Infection and Immunity in Dromedary Camels. <i>Emerging Infectious Diseases</i> , 2016 , 22, 2171-2173	10.2	31
91	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
90	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
89	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
88	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

87	Assay optimization for molecular detection of Zika virus. <i>Bulletin of the World Health Organization</i> , 2016 , 94, 880-892	8.2	115
86	MERS-CoV Antibodies in Humans, Africa, 2013-2014. <i>Emerging Infectious Diseases</i> , 2016 , 22, 1086-9	10.2	43
85	Microevolution of Outbreak-Associated Middle East Respiratory Syndrome Coronavirus, South Korea, 2015. <i>Emerging Infectious Diseases</i> , 2016 , 22, 327-30	10.2	27
84	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
83	Evidence for widespread infection of African bats with Crimean-Congo hemorrhagic fever-like viruses. <i>Scientific Reports</i> , 2016 , 6, 26637	4.9	22
82	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
81	Hepatitis E viral loads in plasma pools for fractionation. <i>Transfusion</i> , 2016 , 56, 2532-2537	2.9	10
80	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
79	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
78	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
77	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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29	Virological assessment of hospitalized cases of coronavirus disease 2019		158
28	SARS-CoV-2 specific antibody responses in COVID-19 patients		88
27	SARS-CoV-2 asymptomatic and symptomatic patients and risk for transfusion transmission		7
26	Analysis of SARS-CoV-2-controlled autophagy reveals spermidine, MK-2206, and niclosamide as putative antiviral therapeutics		53
25	Presence of SARS-CoV-2-reactive T cells in COVID-19 patients and healthy donors		88
24	Studying the pathophysiology of coronavirus disease 2019  protocol for the Berlin prospective COVID-19 patient cohort (Pa-COVID-19)		4
23	Olfactory transmucosal SARS-CoV-2 invasion as port of Central Nervous System entry in COVID-19 patients		67
22	An analysis of SARS-CoV-2 viral load by patient age		145
21	At least seven distinct rotavirus genotype constellations in bats with evidence of reassortment and zoonotic transmissions		1
20	Seroprevalence and correlates of SARS-CoV-2 neutralizing antibodies: Results from a population-based study in Bonn, Germany		16
19	In severe COVID-19, SARS-CoV-2 induces a chronic, TGF- β -dominated adaptive immune response		6
18	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
17	Head-to-head comparison of SARS-CoV-2 antigen-detecting rapid test with self-collected anterior nasal swab versus professional-collected nasopharyngeal swab		23
16	Comparison of seven commercial SARS-CoV-2 rapid Point-of-Care Antigen tests		38

15	Evaluation of the accuracy and ease-of-use of Abbott PanBio - A WHO emergency use listed, rapid, antigen-detecting point-of-care diagnostic test for SARS-CoV-2	9
14	Evaluation of a SARS-CoV-2 rapid antigen test: potential to help reduce community spread?	6
13	Evaluation of accuracy, exclusivity, limit-of-detection and ease-of-use of LumiraDx® Antigen-detecting point-of-care device for SARS-CoV-2	6
12	Immunogenicity of COVID-19 Tozinameran Vaccination in Patients on Chronic Dialysis	4
11	Cross-reactive CD4+ T cells enhance SARS-CoV-2 immune responses upon infection and vaccination	3
10	Establishment of an evaluation panel for the decentralized technical evaluation of the sensitivity of 31 rapid detection tests for SARS-CoV-2 diagnostics	1
9	Comparative sensitivity evaluation for 122 CE-marked SARS-CoV-2 antigen rapid tests	7
8	High Dose Convalescent Plasma in COVID-19: Results from the randomized Trial CAPSID	8
7	Pre-activated anti-viral innate immunity in the upper airways controls early SARS-CoV-2 infection in children	2
6	Enhanced fitness of SARS-CoV-2 variant of concern B.1.1.7, but not B.1.351, in animal models	6
5	Impaired performance of SARS-CoV-2 antigen-detecting rapid tests at elevated temperatures	3
4	Limited specificity of SARS-CoV-2 antigen-detecting rapid diagnostic tests at low temperatures	2
3	Long-term immunogenicity of BNT162b2 vaccination in the elderly and in younger health care workers	3
2	SARS-CoV-2 Beta variant infection elicits potent lineage-specific and cross-reactive antibodies	3
1	SARS-CoV-2 patient self-testing with an antigen-detecting rapid test: a head-to-head comparison with professional testing	16