

# Victor M Corman

## List of Publications by Year in descending order

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Version: 2024-02-01

205  
papers

35,632  
citations

13827

67  
h-index

4628

170  
g-index

250  
all docs

250  
docs citations

250  
times ranked

51045  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of 2019 novel coronavirus (2019-nCoV) by real-time RT-PCR. <i>Eurosurveillance</i> , 2020, 25, .	3.9	5,865
2	Virological assessment of hospitalized patients with COVID-2019. <i>Nature</i> , 2020, 581, 465-469.	13.7	5,822
3	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
4	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , 2020, 182, 1419-1440.e23.	13.5	1,162
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	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.	7.1	991
7	Hosts and Sources of Endemic Human Coronaviruses. <i>Advances in Virus Research</i> , 2018, 100, 163-188.	0.9	756
8	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
9	Bats host major mammalian paramyxoviruses. <i>Nature Communications</i> , 2012, 3, 796.	5.8	546
10	Detection of a novel human coronavirus by real-time reverse-transcription polymerase chain reaction. <i>Eurosurveillance</i> , 2012, 17, .	3.9	465
11	Estimating infectiousness throughout SARS-CoV-2 infection course. <i>Science</i> , 2021, 373, .	6.0	389
12	Investigation of a COVID-19 outbreak in Germany resulting from a single travel-associated primary case: a case series. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 920-928.	4.6	383
13	Rapid reconstruction of SARS-CoV-2 using a synthetic genomics platform. <i>Nature</i> , 2020, 582, 561-565.	13.7	377
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	Ecology, evolution and classification of bat coronaviruses in the aftermath of SARS. <i>Antiviral Research</i> , 2014, 101, 45-56.	1.9	340
16	Transmission of MERS-Coronavirus in Household Contacts. <i>New England Journal of Medicine</i> , 2014, 371, 828-835.	13.9	338
17	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, 11297-11303.	1.5	337
18	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

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19	Close Relative of Human Middle East Respiratory Syndrome Coronavirus in Bat, South Africa. <i>Emerging Infectious Diseases</i> , 2013, 19, 1697-1699.	2.0	317
20	Human intestinal tract serves as an alternative infection route for Middle East respiratory syndrome coronavirus. <i>Science Advances</i> , 2017, 3, eaao4966.	4.7	317
21	Assays for laboratory confirmation of novel human coronavirus (hCoV-EMC) infections. <i>Eurosurveillance</i> , 2012, 17, .	3.9	314
22	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
23	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
24	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
25	Human Betacoronavirus 2c EMC/2012-related Viruses in Bats, Ghana and Europe. <i>Emerging Infectious Diseases</i> , 2013, 19, 456-459.	2.0	303
26	SKP2 attenuates autophagy through Beclin1-ubiquitination and its inhibition reduces MERS-Coronavirus infection. <i>Nature Communications</i> , 2019, 10, 5770.	5.8	286
27	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.	5.2	279
28	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.	3.4	274
29	Causes of death and comorbidities in hospitalized patients with COVID-19. <i>Scientific Reports</i> , 2021, 11, 4263.	1.6	272
30	Presence of Middle East respiratory syndrome coronavirus antibodies in Saudi Arabia: a nationwide, cross-sectional, serological study. <i>Lancet Infectious Diseases</i> , 2015, 15, 559-564.	4.6	270
31	MERS Coronavirus Neutralizing Antibodies in Camels, Eastern Africa, 1983-1997. <i>Emerging Infectious Diseases</i> , 2014, 20, 2093-5.	2.0	249
32	Pre-activated antiviral innate immunity in the upper airways controls early SARS-CoV-2 infection in children. <i>Nature Biotechnology</i> , 2022, 40, 319-324.	9.4	229
33	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
34	Cross-reactive CD4 <sup>+</sup> T cells enhance SARS-CoV-2 immune responses upon infection and vaccination. <i>Science</i> , 2021, 374, eabh1823.	6.0	221
35	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
36	Evidence for an Ancestral Association of Human Coronavirus 229E with Bats. <i>Journal of Virology</i> , 2015, 89, 11858-11870.	1.5	204

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37	Antibodies against MERS Coronavirus in Dromedary Camels, Kenya, 1992–2013. <i>Emerging Infectious Diseases</i> , 2014, 20, 1319-22.	2.0	191
38	Evidence for Novel Hepaciviruses in Rodents. <i>PLoS Pathogens</i> , 2013, 9, e1003438.	2.1	187
39	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
40	Henipavirus RNA in African Bats. <i>PLoS ONE</i> , 2009, 4, e6367.	1.1	181
41	Amplification of Emerging Viruses in a Bat Colony. <i>Emerging Infectious Diseases</i> , 2011, 17, 449-456.	2.0	176
42	SARS-CoV-2-mediated dysregulation of metabolism and autophagy uncovers host-targeting antivirals. <i>Nature Communications</i> , 2021, 12, 3818.	5.8	172
43	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
44	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, 369-377.	2.9	154
45	Laboratory readiness and response for novel coronavirus (2019-nCoV) in expert laboratories in 30 EU/EEA countries, January 2020. <i>Eurosurveillance</i> , 2020, 25, .	3.9	153
46	Is Africa prepared for tackling the COVID-19 (SARS-CoV-2) epidemic. Lessons from past outbreaks, ongoing pan-African public health efforts, and implications for the future. <i>International Journal of Infectious Diseases</i> , 2020, 93, 233-236.	1.5	150
47	Untimely TGF $\beta$ 2 responses in COVID-19 limit antiviral functions of NK cells. <i>Nature</i> , 2021, 600, 295-301.	13.7	146
48	SARS-CoV-2 in severe COVID-19 induces a TGF $\beta$ 2-dominated chronic immune response that does not target itself. <i>Nature Communications</i> , 2021, 12, 1961.	5.8	145
49	Head-to-head comparison of SARS-CoV-2 antigen-detecting rapid test with self-collected nasal swab versus professional-collected nasopharyngeal swab. <i>European Respiratory Journal</i> , 2021, 57, 2003961.	3.1	136
50	Assay optimization for molecular detection of Zika virus. <i>Bulletin of the World Health Organization</i> , 2016, 94, 880-892.	1.5	132
51	Hypertension delays viral clearance and exacerbates airway hyperinflammation in patients with COVID-19. <i>Nature Biotechnology</i> , 2021, 39, 705-716.	9.4	129
52	A time-resolved proteomic and prognostic map of COVID-19. <i>Cell Systems</i> , 2021, 12, 780-794.e7.	2.9	125
53	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
54	Complement activation induces excessive T cell cytotoxicity in severe COVID-19. <i>Cell</i> , 2022, 185, 493-512.e25.	13.5	122

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55	Association Between SARS-CoV-2 Infection and Immune-Mediated Myopathy in Patients Who Have Died. <i>JAMA Neurology</i> , 2021, 78, 948.	4.5	106
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	Evaluation of a SARS-CoV-2 rapid antigen test: Potential to help reduce community spread?. <i>Journal of Clinical Virology</i> , 2021, 135, 104713.	1.6	102
58	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, 15190-15195.	3.3	99
59	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, .	3.9	94
60	Replicative Capacity of MERS Coronavirus in Livestock Cell Lines. <i>Emerging Infectious Diseases</i> , 2014, 20, 276-9.	2.0	85
61	Highly Divergent Hepaciviruses from African Cattle. <i>Journal of Virology</i> , 2015, 89, 5876-5882.	1.5	85
62	<scp>SARSâ€CoV</scp>â€2 asymptomatic and symptomatic patients and risk for transfusion transmission. <i>Transfusion</i> , 2020, 60, 1119-1122.	0.8	83
63	Acute Middle East Respiratory Syndrome Coronavirus Infection in Livestock Dromedaries, Dubai, 2014. <i>Emerging Infectious Diseases</i> , 2015, 21, 1019-1022.	2.0	81
64	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.	2.3	79
65	Enhanced fitness of SARS-CoV-2 variant of concern Alpha but not Beta. <i>Nature</i> , 2022, 602, 307-313.	13.7	79
66	Suitcase Lab for Rapid Detection of SARS-CoV-2 Based on Recombinase Polymerase Amplification Assay. <i>Analytical Chemistry</i> , 2021, 93, 2627-2634.	3.2	78
67	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.	1.0	75
68	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, .	3.9	72
69	SARS-CoV-2 antigen rapid immunoassay for diagnosis of COVID-19 in the emergency department. <i>Biomarkers</i> , 2021, 26, 213-220.	0.9	71
70	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
71	Mild COVID-19 despite autoantibodies against type I IFNs in autoimmune polyendocrine syndrome type 1. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	70
72	Hepatitis E Virus Infection in Dromedaries, North and East Africa, United Arab Emirates, and Pakistan, 1983â€“2015. <i>Emerging Infectious Diseases</i> , 2016, 22, 1249-1252.	2.0	69

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73	Human Coronaviruses Associated with Upper Respiratory Tract Infections in Three Rural Areas of Ghana. PLoS ONE, 2014, 9, e99782.	1.1	69
74	Type I Interferon Reaction to Viral Infection in Interferon-Competent, Immortalized Cell Lines from the African Fruit Bat Eidolon helvum. PLoS ONE, 2011, 6, e28131.	1.1	68
75	Delayed Antibody and T-Cell Response to BNT162b2 Vaccination in the Elderly, Germany. Emerging Infectious Diseases, 2021, 27, 2174-2178.	2.0	67
76	Human coronavirus OC43 outbreak in wild chimpanzees, Côte d'Ivoire, 2016. Emerging Microbes and Infections, 2018, 7, 1-4.	3.0	66
77	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. Eurosurveillance, 2020, 25, .	3.9	65
78	Long-term immunogenicity of BNT162b2 vaccination in older people and younger health-care workers. Lancet Respiratory Medicine, 2021, 9, e104-e105.	5.2	65
79	International external quality assessment for SARS-CoV-2 molecular detection and survey on clinical laboratory preparedness during the COVID-19 pandemic, April/May 2020. Eurosurveillance, 2020, 25, .	3.9	63
80	SARS-CoV-2 Beta variant infection elicits potent lineage-specific and cross-reactive antibodies. Science, 2022, 375, 782-787.	6.0	60
81	A novel hepatitis B virus species discovered in capuchin monkeys sheds new light on the evolution of primate hepadnaviruses. Journal of Hepatology, 2018, 68, 1114-1122.	1.8	56
82	Limited Neutralization of Authentic Severe Acute Respiratory Syndrome Coronavirus 2 Variants Carrying E484K In Vitro. Journal of Infectious Diseases, 2021, 224, 1109-1114.	1.9	56
83	A Case of Long-term Excretion and Subclinical Infection With Middle East Respiratory Syndrome Coronavirus in a Healthcare Worker. Clinical Infectious Diseases, 2015, 60, 973-974.	2.9	53
84	MERS-CoV Antibodies in Humans, Africa, 2013-2014. Emerging Infectious Diseases, 2016, 22, 1086-1089.	2.0	53
85	Enzootic patterns of Middle East respiratory syndrome coronavirus in imported African and local Arabian dromedary camels: a prospective genomic study. Lancet Planetary Health, 2019, 3, e521-e528.	5.1	52
86	Immunogenicity of COVID-19 Tozinameran Vaccination in Patients on Chronic Dialysis. Frontiers in Immunology, 2021, 12, 690698.	2.2	52
87	Increased risk of severe clinical course of COVID-19 in carriers of HLA-C*04:01. EClinicalMedicine, 2021, 40, 101099.	3.2	52
88	Independent Side-by-Side Validation and Comparison of 4 Serological Platforms for SARS-CoV-2 Antibody Testing. Journal of Infectious Diseases, 2021, 223, 796-801.	1.9	51
89	Disease Severity, Fever, Age, and Sex Correlate With SARS-CoV-2 Neutralizing Antibody Responses. Frontiers in Immunology, 2020, 11, 628971.	2.2	51
90	Highly diversified coronaviruses in neotropical bats. Journal of General Virology, 2013, 94, 1984-1994.	1.3	50

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91	Evolutionary biology of human hepatitis viruses. <i>Journal of Hepatology</i> , 2019, 70, 501-520.	1.8	50
92	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.	1.6	50
93	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.	2.7	50
94	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
95	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.	2.3	47
96	Performance and clinical validation of the RealStar <sup>®</sup> MERS-CoV Kit for detection of Middle East respiratory syndrome coronavirus RNA. <i>Journal of Clinical Virology</i> , 2014, 60, 168-171.	1.6	45
97	Differential Infection Patterns and Recent Evolutionary Origins of Equine Hepaciviruses in Donkeys. <i>Journal of Virology</i> , 2017, 91, .	1.5	45
98	Potential benefit of convalescent plasma transfusions in immunocompromised patients with COVID-19. <i>Lancet Microbe</i> , The, 2021, 2, e138.	3.4	45
99	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
100	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.	1.1	44
101	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
102	Plasma mediators in patients with severe COVID-19 cause lung endothelial barrier failure. <i>European Respiratory Journal</i> , 2021, 57, 2002384.	3.1	40
103	Serological Evidence of Influenza A Viruses in Frugivorous Bats from Africa. <i>PLoS ONE</i> , 2015, 10, e0127035.	1.1	39
104	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, .	3.9	39
105	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
106	Astrovirus infections induce age-dependent dysbiosis in gut microbiomes of bats. <i>ISME Journal</i> , 2018, 12, 2883-2893.	4.4	38
107	Time Course of MERS-CoV Infection and Immunity in Dromedary Camels. <i>Emerging Infectious Diseases</i> , 2016, 22, 2171-2173.	2.0	37
108	HCoV- and SARS-CoV-2 Cross-Reactive T Cells in COVID Patients. <i>Frontiers in Immunology</i> , 2020, 11, 607918.	2.2	37

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109	Accuracy and ease-of-use of seven point-of-care SARS-CoV-2 antigen-detecting tests: A multi-centre clinical evaluation. <i>EBioMedicine</i> , 2022, 75, 103774.	2.7	36
110	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
111	Authors'™ response: SARS-CoV-2 detection by real-time RT-PCR. <i>Eurosurveillance</i> , 2020, 25, .	3.9	35
112	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.	0.8	34
113	Proficiency Testing of Virus Diagnostics Based on Bioinformatics Analysis of Simulated <i>In Silico</i> High-Throughput Sequencing Data Sets. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	34
114	Discovery of a new avian bornavirus genotype in estrildid finches (Estrildidae) in Germany. <i>Veterinary Microbiology</i> , 2014, 168, 318-323.	0.8	33
115	Microevolution of Outbreak-Associated Middle East Respiratory Syndrome Coronavirus, South Korea, 2015. <i>Emerging Infectious Diseases</i> , 2016, 22, 327-30.	2.0	33
116	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
117	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
118	Pausing methotrexate improves immunogenicity of COVID-19 vaccination in elderly patients with rheumatic diseases. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 881-888.	0.5	33
119	Adenovirus infection is associated with altered gut microbial communities in a non-human primate. <i>Scientific Reports</i> , 2019, 9, 13410.	1.6	32
120	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> , 2022, 50, 395-406.	2.3	32
121	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.	1.4	31
122	At Least Seven Distinct Rotavirus Genotype Constellations in Bats with Evidence of Reassortment and Zoonotic Transmissions. <i>MBio</i> , 2021, 12, .	1.8	31
123	Evidence for widespread infection of African bats with Crimean-Congo hemorrhagic fever-like viruses. <i>Scientific Reports</i> , 2016, 6, 26637.	1.6	30
124	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.	3.9	30
125	Zoonotic hepatitis E virus strains in German blood donors. <i>Vox Sanguinis</i> , 2013, 104, 179-180.	0.7	29
126	Phylogenetic Analysis Supports Horizontal Transmission as a Driving Force of the Spread of Avian Bornaviruses. <i>PLoS ONE</i> , 2016, 11, e0160936.	1.1	29



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127	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.	1.1	29
128	Seasonal Fluctuations of Astrovirus, But Not Coronavirus Shedding in Bats Inhabiting Human-Modified Tropical Forests. <i>EcoHealth</i> , 2017, 14, 272-284.	0.9	28
129	Evolutionary Origins of Enteric Hepatitis Viruses. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018, 8, a031690.	2.9	28
130	First international external quality assessment of molecular diagnostics for Mers-CoV. <i>Journal of Clinical Virology</i> , 2015, 69, 81-85.	1.6	27
131	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.	2.8	27
132	Stability and neutralising capacity of SARS-CoV-2-specific antibodies in convalescent plasma. <i>Lancet Microbe</i> , 2020, 1, e63.	3.4	27
133	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.	2.3	27
134	Severe Acute Respiratory Syndrome Coronavirus 2 Outbreak Related to a Nightclub, Germany, 2020. <i>Emerging Infectious Diseases</i> , 2020, 27, 645-648.	2.0	27
135	Reactive T Cells in Convalescent COVID-19 Patients With Negative SARS-CoV-2 Antibody Serology. <i>Frontiers in Immunology</i> , 2021, 12, 687449.	2.2	26
136	Crimean-Congo Hemorrhagic Fever Virus in Humans and Livestock, Pakistan, 2015–2017. <i>Emerging Infectious Diseases</i> , 2020, 26, 773-777.	2.0	25
137	Bat Airway Epithelial Cells: A Novel Tool for the Study of Zoonotic Viruses. <i>PLoS ONE</i> , 2014, 9, e84679.	1.1	24
138	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
139	Typical epidemiology of respiratory virus infections in a Brazilian slum. <i>Journal of Medical Virology</i> , 2020, 92, 1316-1321.	2.5	24
140	Countrywide Survey for MERS-Coronavirus Antibodies in Dromedaries and Humans in Pakistan. <i>Virologica Sinica</i> , 2018, 33, 410-417.	1.2	22
141	Characterization of the SARS-CoV-2 Neutralization Potential of COVID-19 Convalescent Donors. <i>Journal of Immunology</i> , 2021, 206, 2614-2622.	0.4	22
142	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.	2.1	22
143	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.	0.7	21
144	Human lungs show limited permissiveness for SARS-CoV-2 due to scarce ACE2 levels but virus-induced expansion of inflammatory macrophages. <i>European Respiratory Journal</i> , 2022, 60, 2102725.	3.1	21

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145	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
146	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.	2.2	20
147	Shiga toxin-producing <i>Escherichia coli</i> (STEC) isolated from fecal samples of African dromedary camels. <i>One Health</i> , 2019, 7, 100087.	1.5	18
148	Unusual serological response to hepatitis E virus in plasma donors consistent with re-infection. <i>Vox Sanguinis</i> , 2015, 109, 406-409.	0.7	17
149	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
150	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.	2.0	17
151	Imported case of Middle East respiratory syndrome coronavirus (MERS-CoV) infection from Oman to Thailand, June 2015. <i>Eurosurveillance</i> , 2017, 22, .	3.9	17
152	Early and Rapid Identification of COVID-19 Patients with Neutralizing Type I Interferon Auto-antibodies. <i>Journal of Clinical Immunology</i> , 2022, 42, 1111-1129.	2.0	17
153	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.	3.3	16
154	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
155	Interaction between MHC diversity and constitution, gut microbiota and Astrovirus infections in a neotropical bat. <i>Molecular Ecology</i> , 2022, 31, 3342-3359.	2.0	16
156	Weather-Related Winter Mortality of Eurasian Oystercatchers ( <i>Haematopus ostralegus</i> ) in the Northeastern Wadden Sea. <i>Waterbirds</i> , 2014, 37, 319-330.	0.2	15
157	Genomic and spatial variability of a European common vole hepevirus. <i>Archives of Virology</i> , 2019, 164, 2671-2682.	0.9	15
158	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
159	Hepatitis E viral loads in plasma pools for fractionation. <i>Transfusion</i> , 2016, 56, 2532-2537.	0.8	14
160	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.	1.6	14
161	SARS-CoV-2 and the safety margins of cell-based biological medicinal products. <i>Biologicals</i> , 2020, 68, 122-124.	0.5	14
162	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, 748.	1.6	14

#	ARTICLE	IF	CITATIONS
163	Close genetic relatedness of picornaviruses from European and Asian bats. <i>Journal of General Virology</i> , 2017, 98, 955-961.	1.3	14
164	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, .	3.9	14
165	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, 3401.	1.0	13
166	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
167	A broadly cross-reactive monoclonal antibody against hepatitis E virus capsid antigen. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 4957-4973.	1.7	13
168	Preserved T cell responses to SARS-CoV-2 in anti-CD20 treated multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2022, 28, 1041-1050.	1.4	13
169	Rabies Virus RNA in Naturally Infected Vampire Bats, Northeastern Brazil. <i>Emerging Infectious Diseases</i> , 2010, 16, 2004-2006.	2.0	12
170	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.	0.9	12
171	Monitoring of free-ranging and captive <i>Psittacula</i> populations in Western Europe for avian bornaviruses, circoviruses and polyomaviruses. <i>Avian Pathology</i> , 2020, 49, 119-130.	0.8	12
172	Cross-order host switches of hepatitis C-related viruses illustrated by a novel hepacivirus from sloths. <i>Virus Evolution</i> , 2020, 6, veaa033.	2.2	12
173	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.	1.2	11
174	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.	1.5	11
175	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.	1.5	11
176	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
177	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.	1.6	11
178	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
179	Hepatitis E Virus Infection in European Brown Hares, Germany, 2007–2014. <i>Emerging Infectious Diseases</i> , 2019, 25, 1233-1235.	2.0	10
180	Mutations Associated with SARS-CoV-2 Variants of Concern, Benin, Early 2021. <i>Emerging Infectious Diseases</i> , 2021, 27, 2889-2903.	2.0	10

#	ARTICLE	IF	CITATIONS
181	Autochthonous West Nile virus infection in Germany: Increasing numbers and a rare encephalitis case in a kidney transplant recipient. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 221-226.	1.3	9
182	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.	2.0	8
183	Cell Culture Isolation and Whole Genome Characterization of Hepatitis E Virus Strains from Wild Boars in Germany. <i>Microorganisms</i> , 2021, 9, 2302.	1.6	8
184	Importance of external quality assessment for SARS-CoV-2 antigen detection during the COVID-19 pandemic. <i>Journal of Clinical Virology</i> , 2022, 154, 105222.	1.6	8
185	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.	1.8	7
186	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> , 2022, 69, 3066-3072.	1.3	7
187	Rabies is still a fatal but neglected disease: a case report. <i>Journal of Medical Case Reports</i> , 2021, 15, 575.	0.4	7
188	Identification of rabbit hepatitis E virus (HEV) and novel HEV clade in Irish blood donors. <i>Journal of Hepatology</i> , 2022, 77, 870-872.	1.8	7
189	Detection and genomic characterization of hepatitis E virus genotype 3 from pigs in Ghana, Africa. <i>One Health Outlook</i> , 2020, 2, 10.	1.4	6
190	SARS-CoV-2 Variant of Concern B.1.1.7: Diagnostic Sensitivity of Three Antigen-Detecting Rapid Tests. <i>Microbiology Spectrum</i> , 2022, 10, e0076321.	1.2	6
191	An Evaluation of Hepatitis E Virus Molecular Typing Methods. <i>Clinical Chemistry</i> , 2021, 68, 181-191.	1.5	5
192	Rabies virus in slaughtered dogs for meat consumption in Ghana: A potential risk for rabies transmission. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	1.3	5
193	COVID-19: B-Cell Depletion and Sepsis Related Changes in Bone Marrow and Spleen. <i>Blood</i> , 2020, 136, 46-46.	0.6	5
194	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.	1.6	5
195	Genetic diversity of hepatitis E virus (HEV) in imported and domestic camels in Saudi Arabia. <i>Scientific Reports</i> , 2022, 12, 7005.	1.6	5
196	Antimicrobial resistant and extended-spectrum $\beta$ -lactamase (ESBL) producing <i>Escherichia coli</i> isolated from fecal samples of African dromedary camels. <i>Scientific African</i> , 2020, 7, e00274.	0.7	4
197	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, .	3.9	4
198	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.	1.3	3

#	ARTICLE	IF	CITATIONS
199	A Sars-Cov-2 Neutralizing Antibody Protects from Lung Pathology in a Covid-19 Hamster Model. SSRN Electronic Journal, 0, , .	0.4	3
200	Transmission of SARS-CoV-2 in northern Ghana: insights from whole-genome sequencing. Archives of Virology, 2021, 166, 1385-1393.	0.9	2
201	Molecular detection of cosaviruses in a patient with acute flaccid paralysis and in sewage samples in Germany. Virus Research, 2021, 297, 198285.	1.1	1
202	Authorsâ€™ response: Plenty of coronaviruses but no SARS-CoV-2. Eurosurveillance, 2020, 25, .	3.9	1
203	<i>In Vitro</i> Screening Identifies TRPV4 and PAR1 as Targets for Endothelial Barrier Stabilization in COVID-19. FASEB Journal, 2022, 36, .	0.2	1
204	Human small intestinal infection by SARS-CoV-2 is characterized by a mucosal infiltration with activated CD8+ T cells. Zeitschrift Fur Gastroenterologie, 2021, 59, .	0.2	0
205	Akute Atemwegsinfektionen: Differenzialdiagnose im Winter 2020/21. , 0, , .		0