

Andreas Nitsche

List of Publications by Year in descending order

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195
papers

26,652
citations

47006

47
h-index

7348

152
g-index

218
all docs

218
docs citations

218
times ranked

48165
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.	28.9	16,161
2	Guideline to reference gene selection for quantitative real-time PCR. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 856-862.	2.1	1,409
3	Real-time PCR in virology. <i>Nucleic Acids Research</i> , 2002, 30, 1292-1305.	14.5	1,041
4	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.	14.8	991
5	Pandemic Human Viruses Cause Decline of Endangered Great Apes. <i>Current Biology</i> , 2008, 18, 260-264.	3.9	405
6	Investigating the zoonotic origin of the West African Ebola epidemic. <i>EMBO Molecular Medicine</i> , 2015, 7, 17-23.	6.9	347
7	Temporal and spatial analysis of the 2014–2015 Ebola virus outbreak in West Africa. <i>Nature</i> , 2015, 524, 97-101.	27.8	272
8	The role of facemasks and hand hygiene in the prevention of influenza transmission in households: results from a cluster randomised trial; Berlin, Germany, 2009-2011. <i>BMC Infectious Diseases</i> , 2012, 12, 26.	2.9	153
9	In vivo evidence for ribavirin-induced mutagenesis of the hepatitis E virus genome. <i>Gut</i> , 2016, 65, 1733-1743.	12.1	145
10	One-step selection of Vaccinia virus-binding DNA aptamers by MonoLEX. <i>BMC Biotechnology</i> , 2007, 7, 48.	3.3	139
11	Different Real-Time PCR Formats Compared for the Quantitative Detection of Human Cytomegalovirus DNA. <i>Clinical Chemistry</i> , 1999, 45, 1932-1937.	3.2	123
12	Detection of West Nile virus lineages 1 and 2 by real-time PCR. <i>Journal of Virological Methods</i> , 2007, 146, 355-358.	2.1	117
13	Morphometry of SARS-CoV and SARS-CoV-2 particles in ultrathin plastic sections of infected Vero cell cultures. <i>Scientific Reports</i> , 2021, 11, 3515.	3.3	107
14	Detection of yellow fever virus: a comparison of quantitative real-time PCR and plaque assay. <i>Journal of Virological Methods</i> , 2003, 110, 185-191.	2.1	105
15	Novel <i>Mycobacterium tuberculosis</i> Complex Isolate from a Wild Chimpanzee. <i>Emerging Infectious Diseases</i> , 2013, 19, 969-976.	4.3	100
16	Fatal Monkeypox in Wild-Living Sooty Mangabey, Côte d'Ivoire, 2012. <i>Emerging Infectious Diseases</i> , 2014, 20, 1009-1011.	4.3	100
17	Comparison of Shedding Characteristics of Seasonal Influenza Virus (Sub)Types and Influenza A(H1N1)pdm09; Germany, 2007–2011. <i>PLoS ONE</i> , 2012, 7, e51653.	2.5	98
18	Novel Adenoviruses in Wild Primates: a High Level of Genetic Diversity and Evidence of Zoonotic Transmissions. <i>Journal of Virology</i> , 2011, 85, 10774-10784.	3.4	96

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19	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, .	7.0	94
20	Protocol for Metagenomic Virus Detection in Clinical Specimens. <i>Emerging Infectious Diseases</i> , 2015, 21, 48-57.	4.3	90
21	Detection and Typing of Human Pathogenic Hantaviruses by Real-Time Reverse Transcription-PCR and Pyrosequencing. <i>Clinical Chemistry</i> , 2007, 53, 1899-1905.	3.2	87
22	Rat-to-Elephant-to-Human Transmission of Cowpox Virus. <i>Emerging Infectious Diseases</i> , 2008, 14, 670-671.	4.3	87
23	Monkeypox virus emergence in wild chimpanzees reveals distinct clinical outcomes and viral diversity. <i>Nature Microbiology</i> , 2020, 5, 955-965.	13.3	86
24	Discovery of herpesviruses in bats. <i>Journal of General Virology</i> , 2007, 88, 2651-2655.	2.9	85
25	Detection of Orthopoxvirus DNA by Real-Time PCR and Identification of Variola Virus DNA by Melting Analysis. <i>Journal of Clinical Microbiology</i> , 2004, 42, 1207-1213.	3.9	84
26	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.	3.4	82
27	Effects of Regular Kefir Consumption on Gut Microbiota in Patients with Metabolic Syndrome: A Parallel-Group, Randomized, Controlled Study. <i>Nutrients</i> , 2019, 11, 2089.	4.1	77
28	Genome Analysis of Bat Adenovirus 2: Indications of Interspecies Transmission. <i>Journal of Virology</i> , 2012, 86, 1888-1892.	3.4	74
29	Isolation and Characterization of Three Mammalian Orthoreoviruses from European Bats. <i>PLoS ONE</i> , 2012, 7, e43106.	2.5	72
30	Real-Time PCR Detection of Parapoxvirus DNA,. <i>Clinical Chemistry</i> , 2006, 52, 316-319.	3.2	68
31	Diagnostic Approach for the Differentiation of the Pandemic Influenza A(H1N1)v Virus from Recent Human Influenza Viruses by Real-Time PCR. <i>PLoS ONE</i> , 2010, 5, e9966.	2.5	68
32	Delayed Antibody and T-Cell Response to BNT162b2 Vaccination in the Elderly, Germany. <i>Emerging Infectious Diseases</i> , 2021, 27, 2174-2178.	4.3	67
33	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, .	7.0	65
34	Cowpox Virus Infection in Pet Rat Owners. <i>Deutsches A&#x0308;rztblatt International</i> , 2009, 106, 329-34.	0.9	64
35	What caused the outbreak of ESBL-producing <i>Klebsiella pneumoniae</i> in a neonatal intensive care unit, Germany 2009 to 2012? Reconstructing transmission with epidemiological analysis and whole-genome sequencing. <i>BMJ Open</i> , 2015, 5, e007397-e007397.	1.9	62
36	Direct Optical Detection of Viral Nucleoprotein Binding to an Anti-Influenza Aptamer. <i>Analytical Chemistry</i> , 2012, 84, 5501-5508.	6.5	61

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37	Isolation and Functional Characterization of the Novel Clostridium botulinum Neurotoxin A8 Subtype. PLoS ONE, 2015, 10, e0116381.	2.5	59
38	Pentaplexed Quantitative Real-Time PCR Assay for the Simultaneous Detection and Quantification of Botulinum Neurotoxin-Producing Clostridia in Food and Clinical Samples. Applied and Environmental Microbiology, 2010, 76, 4387-4395.	3.1	58
39	Cowpox Virus Outbreak in Banded Mongooses (Mungos mungo) and Jaguarundis (Herpailurus Tj ETQq1 1 0.784314 rgBT / Overlock	2.5	57
40	Highly Efficient Multivalent 2D Nanosystems for Inhibition of Orthopoxvirus Particles. Advanced Healthcare Materials, 2016, 5, 2922-2930.	7.6	57
41	An Early American Smallpox Vaccine Based on Horsepox. New England Journal of Medicine, 2017, 377, 1491-1492.	27.0	56
42	Genome-Wide Comparison of Cowpox Viruses Reveals a New Clade Related to Variola Virus. PLoS ONE, 2013, 8, e79953.	2.5	55
43	Detection of Human Cytomegalovirus DNA by Real-Time Quantitative PCR. Journal of Clinical Microbiology, 2000, 38, 2734-2737.	3.9	53
44	Human Metapneumovirus: Insights from a Ten-Year Molecular and Epidemiological Analysis in Germany. PLoS ONE, 2014, 9, e88342.	2.5	52
45	Evaluation of Virus Inactivation by Formaldehyde to Enhance Biosafety of Diagnostic Electron Microscopy. Viruses, 2015, 7, 666-679.	3.3	51
46	Electrical microarrays for highly sensitive detection of multiplex PCR products from biological agents. Biosensors and Bioelectronics, 2009, 24, 1737-1743.	10.1	50
47	Equination (inoculation of horsepox): An early alternative to vaccination (inoculation of cowpox) and the potential role of horsepox virus in the origin of the smallpox vaccine. Vaccine, 2017, 35, 7222-7230.	3.8	50
48	A Novel Highly Reproducible and Lethal Nonhuman Primate Model for Orthopox Virus Infection. PLoS ONE, 2010, 5, e10412.	2.5	50
49	Multicolour, multiplex real-time PCR assay for the detection of human-pathogenic poxviruses. Molecular and Cellular Probes, 2010, 24, 110-113.	2.1	48
50	Detection of viral nucleoprotein binding to anti-influenza aptamers via SERS. Chemical Communications, 2011, 47, 8635.	4.1	48
51	A metagenomic survey identifies Tamdy orthonairovirus as well as divergent phlebo-, rhabdo-, chu- and flavi-like viruses in Anatolia, Turkey. Ticks and Tick-borne Diseases, 2018, 9, 1173-1183.	2.7	48
52	First International Quality Assurance Study on the Rapid Detection of Viral Agents of Bioterrorism. Journal of Clinical Microbiology, 2004, 42, 1753-1755.	3.9	47
53	Viral Metagenomics on Blood-Feeding Arthropods as a Tool for Human Disease Surveillance. International Journal of Molecular Sciences, 2016, 17, 1743.	4.1	46
54	Comparison of host cell gene expression in cowpox, monkeypox or vaccinia virus-infected cells reveals virus-specific regulation of immune response genes. Virology Journal, 2013, 10, 61.	3.4	43

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55	Resource-efficient internally controlled in-house real-time PCR detection of SARS-CoV-2. <i>Virology Journal</i> , 2021, 18, 110.	3.4	42
56	Tracing the Spread of <i>Clostridium difficile</i> Ribotype 027 in Germany Based on Bacterial Genome Sequences. <i>PLoS ONE</i> , 2015, 10, e0139811.	2.5	40
57	Lack of Evidence for Schmallenberg Virus Infection in Highly Exposed Persons, Germany, 2012. <i>Emerging Infectious Diseases</i> , 2012, 18, 1333-5.	4.3	39
58	Setting a baseline for global urban virome surveillance in sewage. <i>Scientific Reports</i> , 2020, 10, 13748.	3.3	39
59	Survey and Characterization of Jingmen Tick Virus Variants. <i>Viruses</i> , 2019, 11, 1071.	3.3	38
60	Amantadine Inhibits SARS-CoV-2 In Vitro. <i>Viruses</i> , 2021, 13, 539.	3.3	38
61	Generic amplification and next generation sequencing reveal Crimean-Congo hemorrhagic fever virus AP92-like strain and distinct tick phleboviruses in Anatolia, Turkey. <i>Parasites and Vectors</i> , 2017, 10, 335.	2.5	37
62	Development of a PCR-Based Assay for Detection, Quantification, and Genotyping of Human Adenoviruses. <i>Clinical Chemistry</i> , 2005, 51, 1365-1373.	3.2	36
63	Detection of Human Polyomaviruses in Urine from Bone Marrow Transplant Patients: Comparison of Electron Microscopy with PCR. <i>Clinical Chemistry</i> , 2004, 50, 306-312.	3.2	35
64	Proficiency Testing of Virus Diagnostics Based on Bioinformatics Analysis of Simulated In Silico High-Throughput Sequencing Data Sets. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	34
65	Evaluation of a commercial ELISA as alternative to plaque reduction neutralization test to detect neutralizing antibodies against SARS-CoV-2. <i>Scientific Reports</i> , 2022, 12, 3549.	3.3	34
66	Comprehensive molecular, genomic and phenotypic analysis of a major clone of <i>Enterococcus faecalis</i> MLST ST40. <i>BMC Genomics</i> , 2015, 16, 175.	2.8	33
67	Lateral flow-based nucleic acid detection of SARS-CoV-2 using enzymatic incorporation of biotin-labeled dUTP for POCT use. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 3177-3186.	3.7	33
68	Cellular impedance measurement as a new tool for poxvirus titration, antibody neutralization testing and evaluation of antiviral substances. <i>Biochemical and Biophysical Research Communications</i> , 2010, 401, 37-41.	2.1	32
69	Pipasic: similarity and expression correction for strain-level identification and quantification in metaproteomics. <i>Bioinformatics</i> , 2014, 30, i149-i156.	4.1	32
70	Genomic Analysis, Phenotype, and Virulence of the Historical Brazilian Smallpox Vaccine Strain IOC: Implications for the Origins and Evolutionary Relationships of Vaccinia Virus. <i>Journal of Virology</i> , 2015, 89, 11909-11925.	3.4	32
71	Analysis of Diagnostic Findings From the European Mobile Laboratory in Guéckidou, Guinea, March 2014 Through March 2015. <i>Journal of Infectious Diseases</i> , 2016, 214, S250-S257.	4.0	32
72	Arboviral screening of invasive <i>Aedes</i> species in northeastern Turkey: West Nile virus circulation and detection of insect-only viruses. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007334.	3.0	31

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73	Infectious KoRV-related retroviruses circulating in Australian bats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9529-9536.	7.1	31
74	Perspective on Proteomics for Virus Detection in Clinical Samples. <i>Journal of Proteome Research</i> , 2020, 19, 4380-4388.	3.7	30
75	Viremia in human Cowpox virus infection. <i>Journal of Clinical Virology</i> , 2007, 40, 160-162.	3.1	29
76	Rapid characterisation of <i>Klebsiella oxytoca</i> isolates from contaminated liquid hand soap using mass spectrometry, FTIR and Raman spectroscopy. <i>Faraday Discussions</i> , 2016, 187, 353-375.	3.2	29
77	Development and preliminary evaluation of a multiplexed amplification and next generation sequencing method for viral hemorrhagic fever diagnostics. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006075.	3.0	29
78	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.	2.5	29
79	Cytokine profiles of cord and adult blood leukocytes: differences in expression are due to differences in expression and activation of transcription factors. <i>BMC Immunology</i> , 2007, 8, 18.	2.2	27
80	PAIPLine: pathogen identification in metagenomic and clinical next generation sequencing samples. <i>Bioinformatics</i> , 2018, 34, i715-i721.	4.1	27
81	Detection and differentiation of tick-borne encephalitis virus subtypes by a reverse transcription quantitative real-time PCR and pyrosequencing. <i>Journal of Virological Methods</i> , 2011, 171, 34-39.	2.1	26
82	Comparison of the Cowpox Virus and Vaccinia Virus Mature Virion Proteome: Analysis of the Species- and Strain-Specific Proteome. <i>PLoS ONE</i> , 2015, 10, e0141527.	2.5	26
83	Rapid and sensitive point-of-care detection of Orthopoxviruses by ABICAP immunofiltration. <i>Virology Journal</i> , 2016, 13, 207.	3.4	25
84	A novel three-dimensional cell culture method enhances antiviral drug screening in primary human cells. <i>Antiviral Research</i> , 2018, 150, 20-29.	4.1	25
85	LiveKraken – real-time metagenomic classification of illumina data. <i>Bioinformatics</i> , 2018, 34, 3750-3752.	4.1	25
86	A cross-sectional screening by next-generation sequencing reveals <i>Rickettsia</i> , <i>Coxiella</i> , <i>Francisella</i> , <i>Borrelia</i> , <i>Babesia</i> , <i>Theileria</i> and <i>Hemolivia</i> species in ticks from Anatolia. <i>Parasites and Vectors</i> , 2019, 12, 26.	2.5	25
87	AmpliCoV: Rapid Whole-Genome Sequencing Using Multiplex PCR Amplification and Real-Time Oxford Nanopore MinION Sequencing Enables Rapid Variant Identification of SARS-CoV-2. <i>Frontiers in Microbiology</i> , 2021, 12, 651151.	3.5	25
88	Comparing Viral Metagenomic Extraction Methods. <i>Current Issues in Molecular Biology</i> , 2017, 24, 59-70.	2.4	25
89	Improved Detection of Mutated Human Cytomegalovirus UL97 by Pyrosequencing. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 5234-5241.	3.2	24
90	Co-circulation of West Nile virus and distinct insect-specific flaviviruses in Turkey. <i>Parasites and Vectors</i> , 2017, 10, 149.	2.5	24

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91	Zwiesel bat banyangvirus, a potentially zoonotic Huaiyangshan banyangvirus (Formerly known as) Tj ETQq1 1 0.784314 rgBT/Overlock 3.3 24	3.3	24
92	West Nile virus, Anopheles flavivirus, a novel flavivirus as well as Merida-like rhabdovirus Turkey in field-collected mosquitoes from Thrace and Anatolia. Infection, Genetics and Evolution, 2018, 57, 36-45.	2.3	23
93	Localized cowpox infection in a 5â€monthâ€old Rottweiler. Veterinary Dermatology, 2011, 22, 111-114.	1.2	22
94	Complete Genome Sequence of the English Isolate of Rat Cytomegalovirus (<i>Murid Herpesvirus 8</i>) Tj ETQq0 0 0 rgBT/Overlock 3.4 22	3.4	22
95	Clinicopathological Findings in Persistent Corneal Cowpox Infection. JAMA Ophthalmology, 2013, 131, 1089.	2.5	22
96	Gene gun-supported DNA immunisation of chicken for straightforward production of poxvirus-specific IgY antibodies. Journal of Immunological Methods, 2009, 341, 146-153.	1.4	21
97	Global ubiquitination analysis reveals extensive modification and proteasomal degradation of cowpox virus proteins, but preservation of viral cores. Scientific Reports, 2018, 8, 1807.	3.3	21
98	The virome of German bats: comparing virus discovery approaches. Scientific Reports, 2021, 11, 7430.	3.3	21
99	Update on Potentially Zoonotic Viruses of European Bats. Vaccines, 2021, 9, 690.	4.4	21
100	Development of a Genus-Specific Antigen Capture ELISA for Orthopoxviruses â€“ Target Selection and Optimized Screening. PLoS ONE, 2016, 11, e0150110.	2.5	21
101	Cowpox infection transmitted from a domestic cat. JDDG - Journal of the German Society of Dermatology, 2008, 6, 210-213.	0.8	20
102	Hantavirus-induced pathogenesis in mice with a humanized immune system. Journal of General Virology, 2015, 96, 1258-1263.	2.9	20
103	A Cross-Sectional Serosurvey of Anti-Orthopoxvirus Antibodies in Central and Western Africa. Viruses, 2017, 9, 278.	3.3	20
104	Pitfalls in diagnosing human poxvirus infections. Journal of Clinical Virology, 2007, 38, 165-168.	3.1	19
105	Beyond the myths: Novel findings for old paradigms in the history of the smallpox vaccine. PLoS Pathogens, 2018, 14, e1007082.	4.7	19
106	Feasibility study for the use of selfâ€collected nasal swabs to identify pathogens among participants of a populationâ€based surveillance system for acute respiratory infections (GrippeWebâ€Plus)â€Germany, 2016. Influenza and Other Respiratory Viruses, 2019, 13, 319-330.	3.4	19
107	Detection of vaccinia virus DNA on the LightCycler by fluorescence melting curve analysis. Journal of Virological Methods, 2005, 126, 187-195.	2.1	18
108	Fast and reliable diagnostic methods for the detection of human poxvirus infections. Future Virology, 2007, 2, 467-479.	1.8	18

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109	Growth characteristics of human adenoviruses on porcine cell lines. <i>Virology</i> , 2008, 373, 400-410.	2.4	18
110	HiLive: real-time mapping of illumina reads while sequencing. <i>Bioinformatics</i> , 2017, 33, 917-319.	4.1	18
111	A novel rhabdovirus, related to Merida virus, in field-collected mosquitoes from Anatolia and Thrace. <i>Archives of Virology</i> , 2017, 162, 1903-1911.	2.1	18
112	RAMBO-K: Rapid and Sensitive Removal of Background Sequences from Next Generation Sequencing Data. <i>PLoS ONE</i> , 2015, 10, e0137896.	2.5	18
113	Cowpox after a cat scratch " case report from Poland. <i>Annals of Agricultural and Environmental Medicine</i> , 2015, 22, 456-458.	1.0	18
114	Detection of Infectious Poxvirus Particles. <i>Emerging Infectious Diseases</i> , 2006, 12, 1139-1141.	4.3	17
115	Inactivation Effect of Standard and Fractionated Electron Beam Irradiation on Enveloped and Non-Enveloped Viruses in a Tendon Transplant Model. <i>Transfusion Medicine and Hemotherapy</i> , 2012, 39, 29-35.	1.6	17
116	Whole Genome Characterization of Orthopoxvirus (OPV) Abatino, a Zoonotic Virus Representing a Putative Novel Clade of Old World Orthopoxviruses. <i>Viruses</i> , 2018, 10, 546.	3.3	17
117	Discrimination of SARS-CoV-2 Infections From Other Viral Respiratory Infections by Scent Detection Dogs. <i>Frontiers in Medicine</i> , 2021, 8, 749588.	2.6	17
118	Complete Genome Sequence of the Porcine Isolate <i>Enterococcus faecalis</i> D32. <i>Journal of Bacteriology</i> , 2012, 194, 5490-5491.	2.2	16
119	Multiple orthonairoviruses including Crimean-Congo hemorrhagic fever virus, Tamdy virus and the novel Meram virus in Anatolia. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101448.	2.7	16
120	Early smallpox vaccine manufacturing in the United States: Introduction of the "animal vaccine" in 1870, establishment of "vaccine farms", and the beginnings of the vaccine industry. <i>Vaccine</i> , 2020, 38, 4773-4779.	3.8	16
121	Deep Time Course Proteomics of SARS-CoV- and SARS-CoV-2-Infected Human Lung Epithelial Cells (Calu-3) Reveals Strong Induction of Interferon-Stimulated Gene Expression by SARS-CoV-2 in Contrast to SARS-CoV. <i>Journal of Proteome Research</i> , 2022, 21, 459-469.	3.7	16
122	Orthopoxvirus Detection in Environmental Specimens during Suspected Bioterror Attacks: Inhibitory Influences of Common Household Products. <i>Applied and Environmental Microbiology</i> , 2008, 74, 32-37.	3.1	15
123	Seasonal recurrence of cowpox virus outbreaks in captive cheetahs (<i>Acinonyx jubatus</i>). <i>PLoS ONE</i> , 2017, 12, e0187089.	2.5	15
124	An intra-host SARS-CoV-2 dynamics model to assess testing and quarantine strategies for incoming travelers, contact management, and de-isolation. <i>Patterns</i> , 2021, 2, 100262.	5.9	15
125	Self-collected oral, nasal and saliva samples yield sensitivity comparable to professionally collected oro-nasopharyngeal swabs in SARS-CoV-2 diagnosis among symptomatic outpatients. <i>International Journal of Infectious Diseases</i> , 2021, 110, 261-266.	3.3	15
126	Rat cytomegalovirus (RCMV) English isolate and a newly identified Berlin isolate share similarities with but are separate as an anciently diverged clade from Mouse CMV and the Maastricht isolate of RCMV. <i>Journal of General Virology</i> , 2015, 96, 1873-1882.	2.9	15

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127	Comparative Genomic Analysis of Two Novel Sporadic Shiga Toxin-Producing Escherichia coli O104:H4 Strains Isolated 2011 in Germany. PLoS ONE, 2015, 10, e0122074.	2.5	14
128	Predicting bacterial virulence factors – evaluation of machine learning and negative data strategies. Briefings in Bioinformatics, 2020, 21, 1596-1608.	6.5	14
129	First Serological Evidence of Crimean-Congo Hemorrhagic Fever Virus and Rift Valley Fever Virus in Ruminants in Tunisia. Pathogens, 2021, 10, 769.	2.8	14
130	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. Eurosurveillance, 2021, 26, .	7.0	14
131	SuRankCo: supervised ranking of contigs in de novo assemblies. BMC Bioinformatics, 2015, 16, 240.	2.6	13
132	Isolation and genomic characterization of Culex theileri flaviviruses in field-collected mosquitoes from Turkey. Infection, Genetics and Evolution, 2016, 46, 138-147.	2.3	13
133	Re-assembly of nineteenth-century smallpox vaccine genomes reveals the contemporaneous use of horsepox and horsepox-related viruses in the USA. Genome Biology, 2020, 21, 286.	8.8	13
134	First detection of bat-borne Issyk-Kul virus in Europe. Scientific Reports, 2020, 10, 22384.	3.3	13
135	Genomic Sequencing and Analysis of a Novel Human Cowpox Virus With Mosaic Sequences From North America and Old World Orthopoxvirus. Frontiers in Microbiology, 2022, 13, 868887.	3.5	13
136	SARS Coronavirus Detection. Emerging Infectious Diseases, 2004, 10, 1300-1303.	4.3	12
137	Single-Nucleotide Polymorphism Genotyping Identifies a Locally Endemic Clone of Methicillin-Resistant Staphylococcus aureus. PLoS ONE, 2012, 7, e32698.	2.5	12
138	A novel genetic lineage of Tula orthohantavirus in Altai voles (Microtus obscurus) from Turkey. Infection, Genetics and Evolution, 2019, 67, 150-158.	2.3	12
139	Generalized cowpox virus infection in an immunosuppressed patient. International Journal of Infectious Diseases, 2021, 106, 276-278.	3.3	12
140	Seroepidemiological study on the spread of SARS-CoV-2 in populations in especially affected areas in Germany - Study protocol of the CORONA-MONITORING lokal study.. , 2020, 5, 2-16.		12
141	Identification and characterization of a phage display-derived peptide for orthopoxvirus detection. Analytical and Bioanalytical Chemistry, 2014, 406, 7611-7621.	3.7	11
142	Infection of human airway epithelial cells by different subtypes of Dobrava-Belgrade virus reveals gene expression patterns corresponding to their virulence potential. Virology, 2016, 493, 189-201.	2.4	11
143	Generalised cowpox virus infection. Lancet, The, 2017, 390, 1769.	13.7	11
144	TaxIt: An Iterative Computational Pipeline for Untargeted Strain-Level Identification Using MS/MS Spectra from Pathogenic Single-Organism Samples. Journal of Proteome Research, 2020, 19, 2501-2510.	3.7	11

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145	Detection of Human-Pathogenic Poxviruses. <i>Methods in Molecular Biology</i> , 2010, 665, 257-278.	0.9	11
146	Cowpox virus but not Vaccinia virus induces secretion of CXCL1, IL-8 and IL-6 and chemotaxis of monocytes in vitro. <i>Virus Research</i> , 2013, 171, 161-167.	2.2	10
147	A Next-Generation Sequencing Approach Uncovers Viral Transcripts Incorporated in Poxvirus Virions. <i>Viruses</i> , 2017, 9, 296.	3.3	10
148	Use of RNALater® Preservation for Virome Sequencing in Outbreak Settings. <i>Frontiers in Microbiology</i> , 2017, 8, 1888.	3.5	9
149	Berlin Squirrelpox Virus, a New Poxvirus in Red Squirrels, Berlin, Germany. <i>Emerging Infectious Diseases</i> , 2017, 23, 1726-1729.	4.3	9
150	Detection of Alpha- and Betacoronaviruses in <i>Miniopterus fuliginosus</i> and <i>Rousettus leschenaultii</i> , two species of Sri Lankan Bats. <i>Vaccines</i> , 2021, 9, 650.	4.4	9
151	Genomic Expression Libraries for the Identification of Cross-Reactive Orthopoxvirus Antigens. <i>PLoS ONE</i> , 2011, 6, e21950.	2.5	8
152	Novel Tick Phlebovirus Genotypes Lacking Evidence for Vertebrate Infections in Anatolia and Thrace, Turkey. <i>Viruses</i> , 2019, 11, 703.	3.3	8
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