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List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

4,524
citations

257450

24
h-index

233421

45
g-index

56
all docs

56
docs citations

56
times ranked

9061
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 infection of human ACE2-transgenic mice causes severe lung inflammation and impaired function. <i>Nature Immunology</i> , 2020, 21, 1327-1335.	14.5	743
2	Loss of furin cleavage site attenuates SARS-CoV-2 pathogenesis. <i>Nature</i> , 2021, 591, 293-299.	27.8	579
3	A SARS-CoV-2 Infection Model in Mice Demonstrates Protection by Neutralizing Antibodies. <i>Cell</i> , 2020, 182, 744-753.e4.	28.9	486
4	A Single-Dose Intranasal ChAd Vaccine Protects Upper and Lower Respiratory Tracts against SARS-CoV-2. <i>Cell</i> , 2020, 183, 169-184.e13.	28.9	446
5	The antigenic anatomy of SARS-CoV-2 receptor binding domain. <i>Cell</i> , 2021, 184, 2183-2200.e22.	28.9	331
6	Human neutralizing antibodies against SARS-CoV-2 require intact Fc effector functions for optimal therapeutic protection. <i>Cell</i> , 2021, 184, 1804-1820.e16.	28.9	297
7	Reorganization and expansion of the nidoviral family Arteriviridae. <i>Archives of Virology</i> , 2016, 161, 755-768.	2.1	254
8	Growth, detection, quantification, and inactivation of SARS-CoV-2. <i>Virology</i> , 2020, 548, 39-48.	2.4	209
9	SARS-CoV-2 Infects Human Engineered Heart Tissues and Models COVID-19 Myocarditis. <i>JACC Basic To Translational Science</i> , 2021, 6, 331-345.	4.1	121
10	A single intranasal or intramuscular immunization with chimpanzee adenovirus-vectored SARS-CoV-2 vaccine protects against pneumonia in hamsters. <i>Cell Reports</i> , 2021, 36, 109400.	6.4	119
11	A Crisp(r) New Perspective on SARS-CoV-2 Biology. <i>Cell</i> , 2021, 184, 15-17.	28.9	71
12	Multivalent designed proteins neutralize SARS-CoV-2 variants of concern and confer protection against infection in mice. <i>Science Translational Medicine</i> , 2022, 14, eabn1252.	12.4	68
13	GB Virus C Coinfections in West African Ebola Patients. <i>Journal of Virology</i> , 2015, 89, 2425-2429.	3.4	65
14	Clinical Microbiology Is Growing Up: The Total Laboratory Automation Revolution. <i>Clinical Chemistry</i> , 2019, 65, 634-643.	3.2	52
15	Neutralizing antibodies against Mayaro virus require Fc effector functions for protective activity. <i>Journal of Experimental Medicine</i> , 2019, 216, 2282-2301.	8.5	51
16	A trans-complementation system for SARS-CoV-2 recapitulates authentic viral replication without virulence. <i>Cell</i> , 2021, 184, 2229-2238.e13.	28.9	51
17	Zoonotic Potential of Simian Arteriviruses. <i>Journal of Virology</i> , 2016, 90, 630-635.	3.4	48
18	Discovery and Characterization of Distinct Simian Pegiviruses in Three Wild African Old World Monkey Species. <i>PLoS ONE</i> , 2014, 9, e98569.	2.5	45

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19	Simian Hemorrhagic Fever Virus Cell Entry Is Dependent on CD163 and Uses a Clathrin-Mediated Endocytosis-Like Pathway. <i>Journal of Virology</i> , 2015, 89, 844-856.	3.4	38
20	High Genetic Diversity and Adaptive Potential of Two Simian Hemorrhagic Fever Viruses in a Wild Primate Population. <i>PLoS ONE</i> , 2014, 9, e90714.	2.5	36
21	Ultrapotent miniproteins targeting the SARS-CoV-2 receptor-binding domain protect against infection and disease. <i>Cell Host and Microbe</i> , 2021, 29, 1151-1161.e5.	11.0	36
22	A Simplified Quantitative Real-Time PCR Assay for Monitoring SARS-CoV-2 Growth in Cell Culture. <i>MSphere</i> , 2020, 5, .	2.9	32
23	Two Novel Simian Arteriviruses in Captive and Wild Baboons (<i>Papio</i> spp.). <i>Journal of Virology</i> , 2014, 88, 13231-13239.	3.4	28
24	Arteriviruses, Pegiviruses, and Lentiviruses Are Common among Wild African Monkeys. <i>Journal of Virology</i> , 2016, 90, 6724-6737.	3.4	26
25	Durable sequence stability and bone marrow tropism in a macaque model of human pegivirus infection. <i>Science Translational Medicine</i> , 2015, 7, 305ra144.	12.4	22
26	Historical Outbreaks of Simian Hemorrhagic Fever in Captive Macaques Were Caused by Distinct Arteriviruses. <i>Journal of Virology</i> , 2015, 89, 8082-8087.	3.4	21
27	Consumptive coagulopathy of severe yellow fever occurs independently of hepatocellular tropism and massive hepatic injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32648-32656.	7.1	16
28	Deep sequencing identifies two genotypes and high viral genetic diversity of human pegivirus (GB virus) Tj ETQq0 0,0 rgBT /Overlock 10	2.9	15
29	Antibody responses to Zika virus proteins in pregnant and non-pregnant macaques. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006903.	3.0	15
30	Pegivirus avoids immune recognition but does not attenuate acute-phase disease in a macaque model of HIV infection. <i>PLoS Pathogens</i> , 2017, 13, e1006692.	4.7	15
31	Divergent Simian Arteriviruses Cause Simian Hemorrhagic Fever of Differing Severities in Macaques. <i>MBio</i> , 2016, 7, e02009-15.	4.1	14
32	JIB-04 Has Broad-Spectrum Antiviral Activity and Inhibits SARS-CoV-2 Replication and Coronavirus Pathogenesis. <i>MBio</i> , 2022, 13, e0337721.	4.1	14
33	Multicenter Evaluation of the Etest Gradient Diffusion Method for Ceftolozane-Tazobactam Susceptibility Testing of Enterobacteriaceae and <i>Pseudomonas aeruginosa</i> . <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	13
34	Reducing the time between inoculation and first-read of urine cultures using total lab automation significantly reduces turn-around-time of positive culture results with minimal loss of first-read sensitivity. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1135-1141.	2.9	12
35	Genome Sequences of Simian Hemorrhagic Fever Virus Variant NIH LVR42-0/M6941 Isolates (Arteriviridae: Arterivirus). <i>Genome Announcements</i> , 2014, 2, .	0.8	9
36	Genotypic and Phenotypic Characterization of Antimicrobial Resistance in <i>Neisseria gonorrhoeae</i> : a Cross-Sectional Study of Isolates Recovered from Routine Urine Cultures in a High-Incidence Setting. <i>MSphere</i> , 2019, 4, .	2.9	8

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37	Specific Detection of Two Divergent Simian Arteriviruses Using RNAscope In Situ Hybridization. PLoS ONE, 2016, 11, e0151313.	2.5	7
38	Isolation of a Potently Neutralizing and Protective Human Monoclonal Antibody Targeting Yellow Fever Virus. MBio, 2022, 13, e0051222.	4.1	7
39	Within-Host Evolution of Simian Arteriviruses in Crab-Eating Macaques. Journal of Virology, 2017, 91, .	3.4	4
40	Subclinical Infection of Macaques and Baboons with A Baboon Simarterivirus. Viruses, 2018, 10, 701.	3.3	3
41	Clinical Characterization of Host Response to Simian Hemorrhagic Fever Virus Infection in Permissive and Refractory Hosts: A Model for Determining Mechanisms of VHF Pathogenesis. Viruses, 2019, 11, 67.	3.3	3
42	Discovery of a Novel Simian Pegivirus in Common Marmosets (<i>Callithrix jacchus</i>) with Lymphocytic Enterocolitis. Microorganisms, 2020, 8, 1509.	3.6	3
43	Genome Sequence of a Novel Kunsagivirus (<i>Picornaviridae</i> : <i>Kunsagivirus</i>) from a Wild Baboon (<i>Papio cynocephalus</i>). Genome Announcements, 2017, 5, .	0.8	2
44	Inactivation of Blood-Borne Enveloped Viruses with the Nonionic Detergent 2-[4-(2,4,4-Trimethylpentan-2-yl)Phenoxy]Ethanol Does Not Bias Clinical Chemistry Results. journal of applied laboratory medicine, The, 2021, 6, 1123-1132.	1.3	2
45	Risks of requiring a dedicated molecular specimen for HIV diagnosis and a potential strategy for mitigation. PLoS ONE, 2020, 15, e0237580.	2.5	1