Alexander N Freiberg

List of Publications by Year
in descending order

71	4,706	159358 30	118652 62
papers	citations	h-index	g-index

74	74	74	8730
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The RNA helicase DHX16 recognizes specific viral RNA to trigger RIG-I-dependent innate antiviral immunity. Cell Reports, 2022, 38, 110434.	2.9	16
2	Tilorone-Dihydrochloride Protects against Rift Valley Fever Virus Infection and Disease in the Mouse Model. Microorganisms, 2022, 10, 92.	1.6	2
3	Ubiquitination of Ebola virus VP35 at lysine 309 regulates viral transcription and assembly. PLoS Pathogens, 2022, 18, e1010532.	2.1	6
4	Spike mutation D614G alters SARS-CoV-2 fitness. Nature, 2021, 592, 116-121.	13.7	1,380
5	Loss of furin cleavage site attenuates SARS-CoV-2 pathogenesis. Nature, 2021, 591, 293-299.	13.7	579
6	Targeted disruption of piâ€“pi stacking in Malaysian banana lectin reduces mitogenicity while preserving antiviral activity. Scientific Reports, 2021, 11, 656.	1.6	16
7	Inhibition of innate immune response ameliorates Zika virus-induced neurogenesis deficit in human neural stem cells. PLoS Neglected Tropical Diseases, 2021, 15, e0009183.	1.3	6
8	Potent neutralization of Rift Valley fever virus by human monoclonal antibodies through fusion inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	19
9	Discovery of a novel highly potent broad-spectrum heterocyclic chemical series of arenavirus cell entry inhibitors. Bioorganic and Medicinal Chemistry Letters, 2021, 41, 127983.	1.0	9
10	STAT-1 Knockout Mice as a Model for Wild-Type Sudan Virus (SUDV). Viruses, 2021, 13, 1388.	1.5	6
11	Rift Valley fever virus 78kDa envelope protein attenuates virus replication in macrophage-derived cell lines and viral virulence in mice. PLoS Neglected Tropical Diseases, 2021, 15, e0009785.	1.3	7
12	Recent advances in combating Nipah virus. Faculty Reviews, 2021, 10, 74.	1.7	15
13	Polyphenylene carboxymethylene (PPCM) microbicide repurposed as antiviral against SARS-CoV-2. Proof of concept in primary human undifferentiated epithelial cells. Antiviral Research, 2021, 194, 105162.	1.9	6
14	SARS-CoV-2 proteases PLpro and 3CLpro cleave IRF3 and critical modulators of inflammatory pathways (NLRP12 and TAB1): implications for disease presentation across species. Emerging Microbes and Infections, 2021, 10, 178-195.	3.0	178
15	VAMP8 Contributes to the TRIM6-Mediated Type I Interferon Antiviral Response during West Nile Virus Infection. Journal of Virology, 2020, 94, .	1.5	24
16	Pyronaridine tetraphosphate efficacy against Ebola virus infection in guinea pig. Antiviral Research, 2020, 181, 104863.	1.9	16
17	Niemann-Pick C1 Heterogeneity of Bat Cells Controls Filovirus Tropism. Cell Reports, 2020, 30, 308-319.e5.	2.9	22
18	Discovery of Adamantane Carboxamides as Ebola Virus Cell Entry and Glycoprotein Inhibitors. ACS Medicinal Chemistry Letters, 2020, 11, 1160-1167.	1.3	12

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19	Polyphenylene carboxymethylene (PPCM) in vitro antiviral efficacy against Ebola virus in the context of a sexually transmitted infection. Antiviral Research, 2019, 170, 104567.	1.9	8
20	Repurposing Quinacrine against Ebola Virus Infection In Vivo. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	30
21	Peptidoglycan-Associated Cyclic Lipopeptide Disrupts Viral Infectivity. Journal of Virology, 2019, 93, .	1.5	47
22	SAR studies of 4-acyl-1,6-dialkylpiperazin-2-one arenavirus cell entry inhibitors. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126620.	1.0	7
23	Henipavirus infection of the central nervous system. Pathogens and Disease, 2019, 77, .	0.8	19
24	Filovirus Virulence in Interferon Î±/Î² and Î³ Double Knockout Mice, and Treatment with Favipiravir. Viruses, 2019, 11, 137.	1.5	15
25	Efficacy of Tilorone Dihydrochloride against Ebola Virus Infection. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	51
26	A single-cycle replicable Rift Valley fever phlebovirus vaccine carrying a mutated NSs confers full protection from lethal challenge in mice. Scientific Reports, 2018, 8, 17097.	1.6	8
27	Human neural stem cell-derived neuron/astrocyte co-cultures respond to La Crosse virus infection with proinflammatory cytokines and chemokines. Journal of Neuroinflammation, 2018, 15, 315.	3.1	16
28	Imaging of Murine Whole Lung Fibrosis by Large Scale 3D Microscopy aided by Tissue Optical Clearing. Scientific Reports, 2018, 8, 13348.	1.6	34
29	Natural History and Pathogenesis of Wild-Type Marburg Virus Infection in STAT2 Knockout Hamsters. Journal of Infectious Diseases, 2018, 218, S438-S447.	1.9	11
30	Favipiravir (T-705) protects against Nipah virus infection in the hamster model. Scientific Reports, 2018, 8, 7604.	1.6	100
31	Phosphorylated VP30 of Marburg Virus Is a Repressor of Transcription. Journal of Virology, 2018, 92, .	1.5	19
32	Experimental Infection of Syrian Hamsters With Aerosolized Nipah Virus. Journal of Infectious Diseases, 2018, 218, 1602-1610.	1.9	15
33	Broad-Range Antiviral Activity of Hydrogen Sulfide Against Highly Pathogenic RNA Viruses. Scientific Reports, 2017, 7, 41029.	1.6	53
34	Efficient and Robust Paramyxoviridae Reverse Genetics Systems. MSphere, 2017, 2, .	1.3	55
35	Contribution of Human Lung Parenchyma and Leukocyte Influx to Oxidative Stress and Immune System-Mediated Pathology following Nipah Virus Infection. Journal of Virology, 2017, 91, .	1.5	11
36	Cross-neutralisation of viruses of the tick-borne encephalitis complex following tick-borne encephalitis vaccination and/or infection. Npj Vaccines, 2017, 2, 5.	2.9	36

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37	Recent advances in the development of antiviral therapeutics for Rift Valley fever virus infection. Future Virology, 2017, 12, 651-665.	0.9	21
38	Attenuation and protective efficacy of Rift Valley fever phlebovirus rMP12-GM50 strain. Vaccine, 2017, 35, 6634-6642.	1.7	12
39	The Host E3-Ubiquitin Ligase TRIM6 Ubiquitinates the Ebola Virus VP35 Protein and Promotes Virus Replication. Journal of Virology, 2017, 91, .	1.5	68
40	Distinct virulence of Rift Valley fever phlebovirus strains from different genetic lineages in a mouse model. PLoS ONE, 2017, 12, e0189250.	1.1	23
41	N-Glycans on the Rift Valley Fever Virus Envelope Glycoproteins Gn and Gc Redundantly Support Viral Infection via DC-SIGN. Viruses, 2016, 8, 149.	1.5	29
42	Nipah Virus C Protein Recruits Tsg101 to Promote the Efficient Release of Virus in an ESCRT-Dependent Pathway. PLoS Pathogens, 2016, 12, e1005659.	2.1	31
43	ISG15 deficiency and increased viral resistance in humans but not mice. Nature Communications, 2016, 7, 11496.	5.8	156
44	Attenuation of pathogenic Rift Valley fever virus strain through the chimeric S-segment encoding sandfly fever phlebovirus NSs or a dominant-negative PKR. Virulence, 2016, 7, 871-881.	1.8	15
45	Antiviral effect of ranpirnase against Ebola virus. Antiviral Research, 2016, 132, 210-218.	1.9	16
46	Optimized P2A for reporter gene insertion into Nipah virus results in efficient ribosomal skipping and wild-type lethality. Journal of General Virology, 2016, 97, 839-843.	1.3	10
47	The Matrix Protein of Nipah Virus Targets the E3-Ubiquitin Ligase TRIM6 to Inhibit the IKKÎµ Kinase-Mediated Type-I IFN Antiviral Response. PLoS Pathogens, 2016, 12, e1005880.	2.1	81
48	Timing of Galectin-1 Exposure Differentially Modulates Nipah Virus Entry and Syncytium Formation in Endothelial Cells. Journal of Virology, 2015, 89, 2520-2529.	1.5	36
49	Efficient Reverse Genetics Reveals Genetic Determinants of Budding and Fusogenic Differences between Nipah and Hendra Viruses and Enables Real-Time Monitoring of Viral Spread in Small Animal Models of Henipavirus Infection. Journal of Virology, 2015, 89, 1242-1253.	1.5	62
50	Bolstering Components of the Immune Response Compromised by Prior Exposure to Adenovirus: Guided Formulation Development for a Nasal Ebola Vaccine. Molecular Pharmaceutics, 2015, 12, 2697-2711.	2.3	7
51	Evidence for Ubiquitin-Regulated Nuclear and Subnuclear Trafficking among Paramyxovirinae Matrix Proteins. PLoS Pathogens, 2015, 11, e1004739.	2.1	60
52	Rift Valley Fever Virus MP-12 Vaccine Is Fully Attenuated by a Combination of Partial Attenuations in the S, M, and L Segments. Journal of Virology, 2015, 89, 7262-7276.	1.5	56
53	Cytokine response in mouse bone marrow derived macrophages after infection with pathogenic and non-pathogenic Rift Valley fever virus. Journal of General Virology, 2015, 96, 1651-1663.	1.3	13
54	Virus nomenclature below the species level: a standardized nomenclature for filovirus strains and variants rescued from cDNA. Archives of Virology, 2014, 159, 1229-37.	0.9	59

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55	Filovirus RefSeq Entries: Evaluation and Selection of Filovirus Type Variants, Type Sequences, and Names. Viruses, 2014, 6, 3663-3682.	1.5	49
56	Multiplexed Digital mRNA Profiling of the Inflammatory Response in the West Nile Swiss Webster Mouse Model. PLoS Neglected Tropical Diseases, 2014, 8, e3216.	1.3	11
57	Evidence for henipavirus spillover into human populations in Africa. Nature Communications, 2014, 5, 5342.	5.8	143
58	Virus nomenclature below the species level: a standardized nomenclature for laboratory animal-adapted strains and variants of viruses assigned to the family Filoviridae. Archives of Virology, 2013, 158, 1425-1432.	0.9	54
59	Favipiravir (T-705) Inhibits JunÃn Virus Infection and Reduces Mortality in a Guinea Pig Model of Argentine Hemorrhagic Fever. PLoS Neglected Tropical Diseases, 2013, 7, e2614.	1.3	71
60	Rift Valley fever virus MP-12 vaccine encoding Toscana virus NSs retains neuroinvasiveness in mice. Journal of General Virology, 2013, 94, 1441-1450.	1.3	17
61	Genetic Subpopulations of Rift Valley Fever Virus Strains ZH548 and MP-12 and Recombinant MP-12 Strains. Journal of Virology, 2012, 86, 13566-13575.	1.5	23
62	Mutational analysis of positively charged amino acid residues of Uukuniemi phlebovirus nucleocapsid protein. Virus Research, 2012, 167, 118-123.	1.1	1
63	An Assembly Model of Rift Valley Fever Virus. Frontiers in Microbiology, 2012, 3, 254.	1.5	32
64	Recent progress in henipavirus research: Molecular biology, genetic diversity, animal models. Antiviral Research, 2012, 95, 135-149.	1.9	52
65	Recombinant Rift Valley fever vaccines induce protective levels of antibody in baboons and resistance to lethal challenge in mice. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14926-14931.	3.3	47
66	A replication-incompetent Rift Valley fever vaccine: Chimeric virus-like particles protect mice and rats against lethal challenge. Virology, 2010, 397, 187-198.	1.1	67
67	Combined chloroquine and ribavirin treatment does not prevent death in a hamster model of Nipah and Hendra virus infection. Journal of General Virology, 2010, 91, 765-772.	1.3	104
68	Ubiquitin-Regulated Nuclear-Cytoplasmic Trafficking of the Nipah Virus Matrix Protein Is Important for Viral Budding. PLoS Pathogens, 2010, 6, e1001186.	2.1	110
69	Oligomerization of Uukuniemi virus nucleocapsid protein. Virology Journal, 2010, 7, 187.	1.4	18
70	Single-particle cryo-electron microscopy of Rift Valley fever virus. Virology, 2009, 387, 11-15.	1.1	106
71	Three-Dimensional Organization of Rift Valley Fever Virus Revealed by Cryoelectron Tomography. Journal of Virology, 2008, 82, 10341-10348.	1.5	110