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List of Publications by Year in descending order

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67
papers

3,551
citations

136950

32
h-index

138484

58
g-index

71
all docs

71
docs citations

71
times ranked

5124
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified mRNA Vaccines Protect against Zika Virus Infection. <i>Cell</i> , 2017, 168, 1114-1125.e10.	28.9	633
2	T-705 (favipiravir) and related compounds: Novel broad-spectrum inhibitors of RNA viral infections. <i>Antiviral Research</i> , 2009, 82, 95-102.	4.1	393
3	BCX4430 – A broad-spectrum antiviral adenosine nucleoside analog under development for the treatment of Ebola virus disease. <i>Journal of Infection and Public Health</i> , 2016, 9, 220-226.	4.1	149
4	PSI-7851, a Pronucleotide of 2'-Deoxy-2-Fluoro-2-Methyluridine Monophosphate, Is a Potent and Pan-Genotype Inhibitor of Hepatitis C Virus Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3187-3196.	3.2	137
5	Efficacy of the broad-spectrum antiviral compound BCX4430 against Zika virus in cell culture and in a mouse model. <i>Antiviral Research</i> , 2017, 137, 14-22.	4.1	132
6	Activity of T-705 in a Hamster Model of Yellow Fever Virus Infection in Comparison with That of a Chemically Related Compound, T-1106. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 202-209.	3.2	122
7	Effect of Interferon-Alpha and Interferon-Inducers on West Nile Virus in Mouse and Hamster Animal Models. <i>Antiviral Chemistry and Chemotherapy</i> , 2004, 15, 67-75.	0.6	112
8	Squalamine as a broad-spectrum systemic antiviral agent with therapeutic potential. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15978-15983.	7.1	89
9	Inactivated yellow fever 17D vaccine: Development and nonclinical safety, immunogenicity and protective activity. <i>Vaccine</i> , 2010, 28, 3827-3840.	3.8	85
10	Error-prone replication of West Nile virus caused by ribavirin. <i>Antiviral Research</i> , 2005, 67, 38-45.	4.1	84
11	Efficacy of Combined Therapy with Amantadine, Oseltamivir, and Ribavirin In Vivo against Susceptible and Amantadine-Resistant Influenza A Viruses. <i>PLoS ONE</i> , 2012, 7, e31006.	2.5	84
12	BCX4430, a Novel Nucleoside Analog, Effectively Treats Yellow Fever in a Hamster Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6607-6614.	3.2	81
13	Immune correlates of protection against yellow fever determined by passive immunization and challenge in the hamster model. <i>Vaccine</i> , 2011, 29, 6008-6016.	3.8	63
14	Effect of T-705 treatment on western equine encephalitis in a mouse model. <i>Antiviral Research</i> , 2009, 82, 169-171.	4.1	57
15	Defining Limits of Treatment with Humanized Neutralizing Monoclonal Antibody for West Nile Virus Neurological Infection in a Hamster Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2396-2402.	3.2	56
16	Comparison of the inhibitory effects of interferon alfacon-1 and ribavirin on yellow fever virus infection in a hamster model. <i>Antiviral Research</i> , 2007, 73, 140-146.	4.1	50
17	Zika virus infection of adult and fetal STAT2 knock-out hamsters. <i>Virology</i> , 2017, 507, 89-95.	2.4	49
18	C3H/HeN mouse model for the evaluation of antiviral agents for the treatment of Venezuelan equine encephalitis virus infection. <i>Antiviral Research</i> , 2008, 78, 230-241.	4.1	48

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19	An update on the progress of galidesivir (BCX4430), a broad-spectrum antiviral. <i>Antiviral Research</i> , 2021, 195, 105180.	4.1	47
20	Characterizing antiviral activity of adefovir dipivoxil in transgenic mice expressing hepatitis B virus. <i>Antiviral Research</i> , 2002, 55, 27-40.	4.1	46
21	A heterocyclic molecule with significant activity against dengue virus. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1425-1427.	2.2	45
22	Efficacy of 2- <i>deoxy</i> -C-methylcytidine against yellow fever virus in cell culture and in a hamster model. <i>Antiviral Research</i> , 2010, 86, 261-267.	4.1	42
23	Modeling hamsters for evaluating West Nile virus therapies. <i>Antiviral Research</i> , 2004, 63, 41-50.	4.1	41
24	Treatment of Yellow Fever Virus with an Adenovirus-Vectored Interferon, DEF201, in a Hamster Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2067-2073.	3.2	41
25	Characterization of antiviral activity of entecavir in transgenic mice expressing hepatitis B virus. <i>Antiviral Research</i> , 2003, 59, 155-161.	4.1	40
26	Activity of T-1106 in a Hamster Model of Yellow Fever Virus Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 1962-1966.	3.2	40
27	Antiviral activity of the natural alkaloid anisomycin against dengue and Zika viruses. <i>Antiviral Research</i> , 2020, 176, 104749.	4.1	39
28	Treatment of Venezuelan equine encephalitis virus infection with (âˆ™)-carbodine. <i>Antiviral Research</i> , 2008, 80, 309-315.	4.1	37
29	A Novel Benzodiazepine Compound Inhibits Yellow Fever Virus Infection by Specifically Targeting NS4B Protein. <i>Journal of Virology</i> , 2016, 90, 10774-10788.	3.4	37
30	Treatment of West Nile virus-infected mice with reactive immunoglobulin reduces fetal titers and increases dam survival. <i>Antiviral Research</i> , 2005, 65, 79-85.	4.1	35
31	Discovery of a Novel Compound with Anti-Venezuelan Equine Encephalitis Virus Activity That Targets the Nonstructural Protein 2. <i>PLoS Pathogens</i> , 2014, 10, e1004213.	4.7	34
32	Comparative Histopathologic Lesions of the Male Reproductive Tract during Acute Infection of Zika Virus in AG129 and Ifnar Mice. <i>American Journal of Pathology</i> , 2018, 188, 904-915.	3.8	34
33	Experimental therapies for yellow fever. <i>Antiviral Research</i> , 2013, 97, 169-179.	4.1	33
34	Complete Genome Sequences of Three Historically Important, Spatiotemporally Distinct, and Genetically Divergent Strains of Zika Virus: MR-766, P6-740, and PRVABC-59. <i>Genome Announcements</i> , 2016, 4, .	0.8	33
35	West Nile virus infection of the placenta. <i>Virology</i> , 2006, 347, 175-182.	2.4	32
36	Assessing changes in vascular permeability in a hamster model of viral hemorrhagic fever. <i>Virology Journal</i> , 2010, 7, 240.	3.4	32

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37	Animal models of yellow fever and their application in clinical research. <i>Current Opinion in Virology</i> , 2016, 18, 64-69.	5.4	31
38	Zika virus-induced acute myelitis and motor deficits in adult interferon β receptor knockout mice. <i>Journal of NeuroVirology</i> , 2018, 24, 273-290.	2.1	27
39	Consequences of in utero exposure to Zika virus in offspring of AG129 mice. <i>Scientific Reports</i> , 2018, 8, 9384.	3.3	27
40	Important Advances in the Field of Anti-Dengue Virus Research. <i>Antiviral Chemistry and Chemotherapy</i> , 2011, 21, 105-116.	0.6	26
41	Anti-Hepatitis B Virus Activity of ORI-9020, a Novel Phosphorothioate Dinucleotide, in a Transgenic Mouse Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 2318-2320.	3.2	23
42	Small-Animal Models of Zika Virus. <i>Journal of Infectious Diseases</i> , 2017, 216, S919-S927.	4.0	22
43	Coitus-Free Sexual Transmission of Zika Virus in a Mouse Model. <i>Scientific Reports</i> , 2018, 8, 15379.	3.3	20
44	Immunogenicity and Protection After Vaccination With a Modified Vaccinia Virus Ankara-Vectored Yellow Fever Vaccine in the Hamster Model. <i>Frontiers in Immunology</i> , 2018, 9, 1756.	4.8	19
45	Evaluation of AT-752, a Double Prodrug of a Guanosine Nucleotide Analog with <i>In Vitro</i> and <i>In Vivo</i> Activity against Dengue and Other Flaviviruses. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0098821.	3.2	19
46	Treatment of oseltamivir-resistant influenza A (H1N1) virus infections in mice with antiviral agents. <i>Antiviral Research</i> , 2012, 96, 13-20.	4.1	18
47	Novel 3-sulphonamido-quinazolin-4(3H)-One Derivatives: Microwave-Assisted Synthesis and Evaluation of Antiviral Activities against Respiratory and Biodefense Viruses. <i>Antiviral Chemistry and Chemotherapy</i> , 2007, 18, 301-305.	0.6	17
48	Use of plethysmography in assessing the efficacy of antivirals in a mouse model of pandemic influenza A virus. <i>Antiviral Research</i> , 2011, 92, 228-236.	4.1	16
49	Innate Immune Protection against Infectious Diseases by Pulmonary Administration of a Phospholipid-Conjugated TLR7 Ligand. <i>Journal of Innate Immunity</i> , 2014, 6, 315-324.	3.8	16
50	Humanized monoclonal antibody 2C9-clgG has enhanced efficacy for yellow fever prophylaxis and therapy in an immunocompetent animal model. <i>Antiviral Research</i> , 2014, 103, 32-38.	4.1	16
51	Efficacy of a ML336 derivative against Venezuelan and eastern equine encephalitis viruses. <i>Antiviral Research</i> , 2019, 167, 25-34.	4.1	16
52	Protection against Chikungunya virus induced arthralgia following prophylactic treatment with adenovirus vectored interferon (mDEF201). <i>Antiviral Research</i> , 2014, 108, 1-9.	4.1	15
53	Zika virus-like particle vaccine protects AG129 mice and rhesus macaques against Zika virus. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009195.	3.0	14
54	Functional Genomics and Immunologic Tools: The Impact of Viral and Host Genetic Variations on the Outcome of Zika Virus Infection. <i>Viruses</i> , 2018, 10, 422.	3.3	13

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55	The use of plethysmography in determining the severity of lung pathology in a mouse model of minimally lethal influenza virus infection. <i>Antiviral Research</i> , 2014, 108, 10-13.	4.1	11
56	Zika Virus Associated Pathology and Antigen Presence in the Testicle in the Absence of Sexual Transmission During Subacute to Chronic Infection in a Mouse Model. <i>Scientific Reports</i> , 2019, 9, 8325.	3.3	10
57	Strain-dependent disease and response to favipiravir treatment in mice infected with Chikungunya virus. <i>Antiviral Research</i> , 2020, 182, 104904.	4.1	9
58	Prophylactic treatment with recombinant Eimeria protein, alone or in combination with an agonist cocktail, protects mice from Banzi virus infection. <i>Antiviral Research</i> , 2007, 75, 14-19.	4.1	8
59	Human Polyclonal Antibodies Produced from Transchromosomal Bovine Provides Prophylactic and Therapeutic Protections Against Zika Virus Infection in STAT2 KO Syrian Hamsters. <i>Viruses</i> , 2019, 11, 92.	3.3	7
60	Development, Characterization, and Application of Two Reporter-Expressing Recombinant Zika Viruses. <i>Viruses</i> , 2020, 12, 572.	3.3	7
61	AT-752, a double prodrug of a guanosine nucleotide analog, inhibits yellow fever virus in a hamster model. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0009937.	3.0	7
62	Isolation of a Potently Neutralizing and Protective Human Monoclonal Antibody Targeting Yellow Fever Virus. <i>MBio</i> , 2022, 13, e0051222.	4.1	7
63	A Mouse Model of Chikungunya Virus with Utility in Antiviral Studies. <i>Methods in Molecular Biology</i> , 2013, 1030, 439-448.	0.9	4
64	Structure activity relationship of novel antiviral nucleosides against Enterovirus A71. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127599.	2.2	4
65	Therapeutic and prophylactic treatment with a virus-specific antibody is highly effective in rodent models of Chikungunya infection and disease. <i>Antiviral Research</i> , 2022, 202, 105295.	4.1	4
66	Remdesivir efficacy against yellow fever in a hamster model. <i>Antiviral Research</i> , 2022, 203, 105331.	4.1	4
67	Development of a Hyperglycosylated IFN Alfacon-1 (CIFN): Toward Bimonthly or Monthly Dosing for Antiviral Therapies. <i>Journal of Interferon and Cytokine Research</i> , 2015, 35, 621-633.	1.2	2