

Brian D Carey

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

1,135
citations

19
h-index

33
g-index

49
ext. papers

1,495
ext. citations

6.3
avg, IF

4.33
L-index

#	Paper	IF	Citations
49	The host inflammatory response contributes to disease severity in Crimean-Congo hemorrhagic fever virus infected mice.. <i>PLoS Pathogens</i> , 2022 , 18, e1010485	7.6	0
48	EGR1 Upregulation during Encephalitic Viral Infections Contributes to Inflammation and Cell Death. <i>Viruses</i> , 2022 , 14, 1210	6.2	0
47	Proteomic Discovery of VEEV E2-Host Partner Interactions Identifies GRP78 Inhibitor HA15 as a Potential Therapeutic for Alphavirus Infections. <i>Pathogens</i> , 2021 , 10,	4.5	3
46	PERK Is Critical for Alphavirus Nonstructural Protein Translation. <i>Viruses</i> , 2021 , 13,	6.2	1
45	Use of magnetic nanotrap particles in capturing <i>Yersinia pestis</i> virulence factors, nucleic acids and bacteria. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 186	9.4	
44	The Pro-Inflammatory Chemokines CXCL9, CXCL10 and CXCL11 Are Upregulated Following SARS-CoV-2 Infection in an AKT-Dependent Manner. <i>Viruses</i> , 2021 , 13,	6.2	15
43	Resveratrol Inhibits Venezuelan Equine Encephalitis Virus Infection by Interfering with the AKT/GSK Pathway. <i>Plants</i> , 2021 , 10,	4.5	2
42	Homoseongomycin, a compound isolated from marine actinomycete bacteria K3-1, is a potent inhibitor of encephalitic alphaviruses. <i>Antiviral Research</i> , 2021 , 191, 105087	10.8	2
41	Comparison of transcriptional responses between pathogenic and nonpathogenic hantavirus infections in Syrian hamsters using NanoString. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009592	4.8	0
40	Protein Kinase C subtype β Interacts with Venezuelan equine encephalitis virus capsid protein and regulates viral RNA binding through modulation of capsid phosphorylation. <i>PLoS Pathogens</i> , 2020 , 16, e1008282	7.6	3
39	Human angiotensin-converting enzyme 2 transgenic mice infected with SARS-CoV-2 develop severe and fatal respiratory disease. <i>JCI Insight</i> , 2020 , 5,	9.9	115
38	EGR1 upregulation following Venezuelan equine encephalitis virus infection is regulated by ERK and PERK pathways contributing to cell death. <i>Virology</i> , 2020 , 539, 121-128	3.6	10
37	Use of Nanotrap particles for the capture and enrichment of Zika, chikungunya and dengue viruses in urine. <i>PLoS ONE</i> , 2020 , 15, e0227058	3.7	5
36	New World alphavirus protein interactomes from a therapeutic perspective. <i>Antiviral Research</i> , 2019 , 163, 125-139	10.8	13
35	Phloretin inhibits Zika virus infection by interfering with cellular glucose utilisation. <i>International Journal of Antimicrobial Agents</i> , 2019 , 54, 80-84	14.3	15
34	Identification of novel antivirals inhibiting recognition of Venezuelan equine encephalitis virus capsid protein by the Importin β heterodimer through high-throughput screening. <i>Antiviral Research</i> , 2018 , 151, 8-19	10.8	16
33	Repurposed FDA-Approved drug sorafenib reduces replication of Venezuelan equine encephalitis virus and other alphaviruses. <i>Antiviral Research</i> , 2018 , 157, 57-67	10.8	24

32	Phosphoproteomic analysis reveals Smad protein family activation following Rift Valley fever virus infection. <i>PLoS ONE</i> , 2018 , 13, e0191983	3.7	7
31	Venezuelan Equine Encephalitis Virus Capsid Implicated in Infection-Induced Cell Cycle Delay. <i>Frontiers in Microbiology</i> , 2018 , 9, 3126	5.7	7
30	Combination Kinase Inhibitor Treatment Suppresses Rift Valley Fever Virus Replication. <i>Viruses</i> , 2018 , 10,	6.2	4
29	Host-based processes as therapeutic targets for Rift Valley fever virus. <i>Antiviral Research</i> , 2018 , 160, 64-78	10.8	1
28	Protein Phosphatase 1 Interacts with Venezuelan Equine Encephalitis Virus Capsid Protein and Regulates Viral Replication through Modulation of Capsid Phosphorylation. <i>Journal of Virology</i> , 2018 , 92,	6.6	9
27	Discovery of Novel Small-Molecule Inhibitors of LIM Domain Kinase for Inhibiting HIV-1. <i>Journal of Virology</i> , 2017 , 91,	6.6	27
26	Rapamycin modulation of p70 S6 kinase signaling inhibits Rift Valley fever virus pathogenesis. <i>Antiviral Research</i> , 2017 , 143, 162-175	10.8	14
25	Sorafenib Impedes Rift Valley Fever Virus Egress by Inhibiting Valosin-Containing Protein Function in the Cellular Secretory Pathway. <i>Journal of Virology</i> , 2017 , 91,	6.6	13
24	Ablation of Programmed -1 Ribosomal Frameshifting in Venezuelan Equine Encephalitis Virus Results in Attenuated Neuropathogenicity. <i>Journal of Virology</i> , 2017 , 91,	6.6	24
23	Novel inhibitors targeting Venezuelan equine encephalitis virus capsid protein identified using In Silico Structure-Based-Drug-Design. <i>Scientific Reports</i> , 2017 , 7, 17705	4.9	18
22	Venezuelan Equine Encephalitis Virus Capsid-The Clever Caper. <i>Viruses</i> , 2017 , 9,	6.2	19
21	Enhanced detection of respiratory pathogens with nanotrap particles. <i>Virulence</i> , 2016 , 7, 756-69	4.7	9
20	Venezuelan Equine Encephalitis Virus Induces Apoptosis through the Unfolded Protein Response Activation of EGR1. <i>Journal of Virology</i> , 2016 , 90, 3558-72	6.6	33
19	Protein Phosphatase-1 regulates Rift Valley fever virus replication. <i>Antiviral Research</i> , 2016 , 127, 79-89	10.8	13
18	Selective Inhibitor of Nuclear Export (SINE) Compounds Alter New World Alphavirus Capsid Localization and Reduce Viral Replication in Mammalian Cells. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0005122	4.8	28
17	Repurposing FDA-approved drugs as therapeutics to treat Rift Valley fever virus infection. <i>Frontiers in Microbiology</i> , 2015 , 6, 676	5.7	26
16	The use of Nanotrap particles in the enhanced detection of Rift Valley fever virus nucleoprotein. <i>PLoS ONE</i> , 2015 , 10, e0128215	3.7	11
15	The ubiquitin proteasome system plays a role in venezuelan equine encephalitis virus infection. <i>PLoS ONE</i> , 2015 , 10, e0124792	3.7	20

14	The use of Nanotrap particles for biodefense and emerging infectious disease diagnostics. <i>Pathogens and Disease</i> , 2014 , 71, 164-76	4.2	20
13	Small molecule inhibitors of Ago2 decrease Venezuelan equine encephalitis virus replication. <i>Antiviral Research</i> , 2014 , 112, 26-37	10.8	19
12	1E7-03, a low MW compound targeting host protein phosphatase-1, inhibits HIV-1 transcription. <i>British Journal of Pharmacology</i> , 2014 , 171, 5059-75	8.6	21
11	Inhibition of host extracellular signal-regulated kinase (ERK) activation decreases new world alphavirus multiplication in infected cells. <i>Virology</i> , 2014 , 468-470, 490-503	3.6	16
10	The use of Nanotrap particles technology in capturing HIV-1 virions and viral proteins from infected cells. <i>PLoS ONE</i> , 2014 , 9, e96778	3.7	43
9	Viral concentration determination through plaque assays: using traditional and novel overlay systems. <i>Journal of Visualized Experiments</i> , 2014 , e52065	1.6	168
8	The role of IKK α in Venezuelan equine encephalitis virus infection. <i>PLoS ONE</i> , 2014 , 9, e86745	3.7	26
7	Nuclear import and export inhibitors alter capsid protein distribution in mammalian cells and reduce Venezuelan Equine Encephalitis Virus replication. <i>Antiviral Research</i> , 2013 , 100, 662-72	10.8	113
6	The use of NanoTrap particles as a sample enrichment method to enhance the detection of Rift Valley Fever Virus. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2296	4.8	20
5	Modulation of GSK-3 β activity in Venezuelan equine encephalitis virus infection. <i>PLoS ONE</i> , 2012 , 7, e34761	3.7	42
4	Induction of DNA damage signaling upon Rift Valley fever virus infection results in cell cycle arrest and increased viral replication. <i>Journal of Biological Chemistry</i> , 2012 , 287, 7399-410	5.4	53
3	p53 Activation following Rift Valley fever virus infection contributes to cell death and viral production. <i>PLoS ONE</i> , 2012 , 7, e36327	3.7	40
2	Reverse-phase phosphoproteome analysis of signaling pathways induced by Rift valley fever virus in human small airway epithelial cells. <i>PLoS ONE</i> , 2010 , 5, e13805	3.7	42
1	Human angiotensin-converting enzyme 2 transgenic mice infected with SARS-CoV-2 develop severe and fatal respiratory disease		5