

Stephen D Griffin

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

3,120
citations

172457

29
h-index

161849

54
g-index

68
all docs

68
docs citations

68
times ranked

3216
citing authors

#	ARTICLE	IF	CITATIONS
1	The p7 protein of hepatitis C virus forms an ion channel that is blocked by the antiviral drug, Amantadine. <i>FEBS Letters</i> , 2003, 535, 34-38.	2.8	403
2	Intravenous delivery of oncolytic reovirus to brain tumor patients immunologically primes for subsequent checkpoint blockade. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	288
3	Intracellular Proton Conductance of the Hepatitis C Virus p7 Protein and Its Contribution to Infectious Virus Production. <i>PLoS Pathogens</i> , 2010, 6, e1001087.	4.7	162
4	A conserved basic loop in hepatitis C virus p7 protein is required for amantadine-sensitive ion channel activity in mammalian cells but is dispensable for localization to mitochondria. <i>Journal of General Virology</i> , 2004, 85, 451-461.	2.9	149
5	Enhanced hepatitis C virus genome replication and lipid accumulation mediated by inhibition of AMP-activated protein kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11549-11554.	7.1	126
6	Evidence for the Formation of a Heptameric Ion Channel Complex by the Hepatitis C Virus P7 Protein in Vitro. <i>Journal of Biological Chemistry</i> , 2006, 281, 37057-37068.	3.4	120
7	Genotype-dependent sensitivity of hepatitis C virus to inhibitors of the p7 ion channel. <i>Hepatology</i> , 2008, 48, 1779-1790.	7.3	109
8	Viroporins: structure, function and potential as antiviral targets. <i>Journal of General Virology</i> , 2015, 96, 2000-2027.	2.9	102
9	Vps4 and the ESCRT-III complex are required for the release of infectious hepatitis C virus particles. <i>Journal of General Virology</i> , 2010, 91, 362-372.	2.9	95
10	High-Risk Human Papillomavirus E5 Oncoprotein Displays Channel-Forming Activity Sensitive to Small-Molecule Inhibitors. <i>Journal of Virology</i> , 2012, 86, 5341-5351.	3.4	95
11	Domain III of NS5A contributes to both RNA replication and assembly of hepatitis C virus particles. <i>Journal of General Virology</i> , 2009, 90, 1329-1334.	2.9	93
12	The Major Human Immunodeficiency Virus Type 2 (HIV-2) Packaging Signal Is Present on All HIV-2 RNA Species: Cotranslational RNA Encapsidation and Limitation of Gag Protein Confer Specificity. <i>Journal of Virology</i> , 2001, 75, 12058-12069.	3.4	82
13	Inhibition of hepatitis C virus p7 membrane channels in a liposome-based assay system. <i>Antiviral Research</i> , 2007, 76, 48-58.	4.1	75
14	Modulation of calcium signaling pathway by hepatitis C virus core protein stimulates NLRP3 inflammasome activation. <i>PLoS Pathogens</i> , 2019, 15, e1007593.	4.7	75
15	Internalization of Oncolytic Reovirus by Human Dendritic Cell Carriers Protects the Virus from Neutralization. <i>Clinical Cancer Research</i> , 2011, 17, 2767-2776.	7.0	73
16	Signal Peptide Cleavage and Internal Targeting Signals Direct the Hepatitis C Virus p7 Protein to Distinct Intracellular Membranes. <i>Journal of Virology</i> , 2005, 79, 15525-15536.	3.4	66
17	Determinants of Hepatitis C Virus p7 Ion Channel Function and Drug Sensitivity Identified In Vitro. <i>Journal of Virology</i> , 2009, 83, 7970-7981.	3.4	62
18	Resistance mutations define specific antiviral effects for inhibitors of the hepatitis C virus p7 ion channel. <i>Hepatology</i> , 2011, 54, 79-90.	7.3	62

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19	Suppression of a pro-apoptotic K ⁺ channel as a mechanism for hepatitis C virus persistence. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15903-15908.	7.1	58
20	Direct visualization of the small hydrophobic protein of human respiratory syncytial virus reveals the structural basis for membrane permeability. FEBS Letters, 2010, 584, 2786-2790.	2.8	56
21	Structure-guided design affirms inhibitors of hepatitis C virus p7 as a viable class of antivirals targeting virion release. Hepatology, 2014, 59, 408-422.	7.3	56
22	Hepatitis C Virus-Induced Autophagy Is Independent of the Unfolded Protein Response. Journal of Virology, 2012, 86, 10724-10732.	3.4	51
23	Oncolytic reovirus as a combined antiviral and anti-tumour agent for the treatment of liver cancer. Gut, 2018, 67, 562-573.	12.1	49
24	MicroRNA-18a targeting of the STK4/MST1 tumour suppressor is necessary for transformation in HPV positive cervical cancer. PLoS Pathogens, 2020, 16, e1008624.	4.7	46
25	Release of Infectious Hepatitis C Virus from Huh7 Cells Occurs via a trans-Golgi Network-to-Endosome Pathway Independent of Very-Low-Density Lipoprotein Secretion. Journal of Virology, 2016, 90, 7159-7170.	3.4	41
26	The subcellular localization of the hepatitis C virus non-structural protein NS2 is regulated by an ion channel-independent function of the p7 protein. Journal of General Virology, 2011, 92, 819-830.	2.9	38
27	The Hepatitis C Virus Non-Structural Protein NS5A Alters the Trafficking Profile of the Epidermal Growth Factor Receptor. Traffic, 2008, 9, 1497-1509.	2.7	37
28	A Conserved Proline between Domains II and III of Hepatitis C Virus NS5A Influences both RNA Replication and Virus Assembly. Journal of Virology, 2009, 83, 10788-10796.	3.4	37
29	Vaccinating adolescents against SARS-CoV-2 in England: a risk-benefit analysis. Journal of the Royal Society of Medicine, 2021, 114, 513-524.	2.0	32
30	Progress in clinical oncolytic virus-based therapy for hepatocellular carcinoma. Journal of General Virology, 2015, 96, 1533-1550.	2.9	30
31	A novel method for the measurement of hepatitis C virus infectious titres using the IncuCyte ZOOM and its application to antiviral screening. Journal of Virological Methods, 2015, 218, 59-65.	2.1	27
32	Alkyl-imino sugars inhibit the pro-oncogenic ion channel function of human papillomavirus (HPV) E5. Antiviral Research, 2018, 158, 113-121.	4.1	26
33	Mutations in hepatitis C virus p7 reduce both the egress and infectivity of assembled particles via impaired proton channel function. Journal of General Virology, 2013, 94, 2236-2248.	2.9	25
34	Mass infection is not an option: we must do more to protect our young. Lancet, The, 2021, 398, 297-298.	18.7	24
35	Expression of hepatitis C virus (HCV) structural proteins in trans facilitates encapsidation and transmission of HCV subgenomic RNA. Journal of General Virology, 2009, 90, 833-842.	2.9	23
36	Genotype-specific differences in structural features of hepatitis C virus (HCV) p7 membrane protein. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 1383-1392.	2.6	23

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37	Tagging of NS5A expressed from a functional hepatitis C virus replicon. <i>Journal of General Virology</i> , 2006, 87, 635-640.	2.9	21
38	Plugging the holes in hepatitis C virus antiviral therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12567-12568.	7.1	20
39	A link between translation of the hepatitis C virus polyprotein and polymerase function; possible consequences for hyperphosphorylation of NS5A. <i>Journal of General Virology</i> , 2006, 87, 93-102.	2.9	18
40	Chimeric GB virus B genomes containing hepatitis C virus p7 are infectious in vivo. <i>Journal of Hepatology</i> , 2008, 49, 908-915.	3.7	17
41	Mosquito saliva enhances virus infection through sialokin-dependent vascular leakage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	16
42	The stability of secreted, acid-labile H77/JFH-1 hepatitis C virus (HCV) particles is altered by patient isolate genotype 1a p7 sequences. <i>Virology</i> , 2014, 448, 117-124.	2.4	14
43	Inhibition of HCV p7 as a therapeutic target. <i>Current Opinion in Investigational Drugs</i> , 2010, 11, 175-81.	2.3	13
44	Genetic and functional heterogeneity of the hepatitis C virus p7 ion channel during natural chronic infection. <i>Virology</i> , 2012, 423, 30-37.	2.4	12
45	Identification of a novel phosphorylation site in hepatitis C virus NS5A. <i>Journal of General Virology</i> , 2010, 91, 2428-2432.	2.9	11
46	Site-directed M2 proton channel inhibitors enable synergistic combination therapy for rimantadine-resistant pandemic influenza. <i>PLoS Pathogens</i> , 2020, 16, e1008716.	4.7	9
47	“Too little, too late?” Will inhibitors of the hepatitis C virus p7 ion channel ever be used in the clinic?. <i>Future Medicinal Chemistry</i> , 2014, 6, 1893-1907.	2.3	8
48	Rapid evidence review to inform safe return to campus in the context of coronavirus disease 2019 (COVID-19). <i>Wellcome Open Research</i> , 2021, 6, 282.	1.8	6
49	Nucleotide requirements at positions +1 to +4 for the initiation of hepatitis C virus positive-strand RNA synthesis. <i>Journal of General Virology</i> , 2011, 92, 1082-1086.	2.9	4
50	Ion Channel Function and Cross-Species Determinants in Viral Assembly of Nonprimate Hepacivirus p7. <i>Journal of Virology</i> , 2016, 90, 5075-5089.	3.4	4
51	Rationally derived inhibitors of hepatitis C virus (HCV) p7 channel activity reveal prospect for bimodal antiviral therapy. <i>ELife</i> , 2020, 9, .	6.0	4
52	Small molecule ligand docking to genotype specific bundle structures of hepatitis C virus (HCV) p7 protein. <i>Computational Biology and Chemistry</i> , 2016, 64, 56-63.	2.3	3
53	P12 * A PHASE I TRIAL OF INTRAVENOUS ONCOLYTIC REOLYSIN(R) IN PATIENTS WITH BRAIN TUMOURS. <i>Neuro-Oncology</i> , 2014, 16, vi3-vi3.	1.2	2
54	Rapid evidence review to inform safe return to campus in the context of coronavirus disease 2019 (COVID-19). <i>Wellcome Open Research</i> , 0, 6, 282.	1.8	2

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55	NS2 is dispensable for efficient assembly of hepatitis C virus-like particles in a bipartite trans-encapsidation system. <i>Journal of General Virology</i> , 2014, 95, 2427-2441.	2.9	1
56	Virus-encoded Ion Channels as Antiviral Targets. <i>RSC Drug Discovery Series</i> , 2013, , 295-362.	0.3	0
57	Title is missing!. , 2020, 16, e1008716.		0
58	Title is missing!. , 2020, 16, e1008716.		0
59	Title is missing!. , 2020, 16, e1008716.		0
60	Title is missing!. , 2020, 16, e1008716.		0
61	Title is missing!. , 2020, 16, e1008716.		0
62	Title is missing!. , 2020, 16, e1008716.		0