

Mark Harris

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7095230/publications.pdf>

Version: 2024-02-01

108
papers

4,942
citations

94433

37
h-index

102487

66
g-index

121
all docs

121
docs citations

121
times ranked

4781
citing authors

#	ARTICLE	IF	CITATIONS
1	Higher-order structures of the foot-and-mouth disease virus RNA-dependent RNA polymerase required for genome replication. <i>Communications Biology</i> , 2022, 5, 61.	4.4	6
2	Chikungunya virus entry is strongly inhibited by phospholipase A2 isolated from the venom of <i>Crotalus durissus terrificus</i> . <i>Scientific Reports</i> , 2021, 11, 8717.	3.3	27
3	A novel substitution in NS5A enhances the resistance of hepatitis C virus genotype 3 to daclatasvir. <i>Journal of General Virology</i> , 2021, 102, .	2.9	1
4	Organometallic Complex Strongly Impairs Chikungunya Virus Entry to the Host Cells. <i>Frontiers in Microbiology</i> , 2020, 11, 608924.	3.5	16
5	Is the ADP ribose site of the Chikungunya virus NSP3 Macro domain a target for antiviral approaches?. <i>Acta Tropica</i> , 2020, 207, 105490.	2.0	20
6	Phenotypic analysis of mutations at residue 146 provides insights into the relationship between NS5A hyperphosphorylation and hepatitis C virus genome replication. <i>Journal of General Virology</i> , 2020, 101, 252-264.	2.9	3
7	Insights into the unique characteristics of hepatitis C virus genotype 3 revealed by development of a robust sub-genomic DBN3a replicon. <i>Journal of General Virology</i> , 2020, 101, 1182-1190.	2.9	6
8	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
9	Microbiology Society online workshop on SARS-CoV-2 and COVID-19, Wednesday 29 July 2020. <i>Journal of General Virology</i> , 2020, 101, 1227-1228.	2.9	0
10	On-demand Labeling of SNAP-tagged Viral Protein for Pulse-Chase Imaging, Quench-Pulse-Chase Imaging, and Nanoscopy-based Inspection of Cell Lysates. <i>Bio-protocol</i> , 2019, 9, .	0.4	0
11	Multiple roles of the non-structural protein 3 (nsP3) alphavirus unique domain (AUD) during Chikungunya virus genome replication and transcription. <i>PLoS Pathogens</i> , 2019, 15, e1007239.	4.7	47
12	A diarylamine derived from anthranilic acid inhibits ZIKV replication. <i>Scientific Reports</i> , 2019, 9, 17703.	3.3	15
13	The broad-spectrum antiviral drug arbidol inhibits foot-and-mouth disease virus genome replication. <i>Journal of General Virology</i> , 2019, 100, 1293-1302.	2.9	22
14	Structure–function analysis of the equine hepacivirus 5′UTR untranslated region highlights the conservation of translational mechanisms across the hepaciviruses. <i>Journal of General Virology</i> , 2019, 100, 1501-1514.	2.9	1
15	Visualisation and analysis of hepatitis C virus non-structural proteins using super-resolution microscopy. <i>Scientific Reports</i> , 2018, 8, 13604.	3.3	7
16	Plant-derived antivirals against hepatitis c virus infection. <i>Virology Journal</i> , 2018, 15, 34.	3.4	25
17	Persistent Replication of a Chikungunya Virus Replicon in Human Cells Is Associated with Presence of Stable Cytoplasmic Granules Containing Nonstructural Protein 3. <i>Journal of Virology</i> , 2018, 92, .	3.4	27
18	Identification of a small molecule inhibitor of Ebola virus genome replication and transcription using in silico screening. <i>Antiviral Research</i> , 2018, 156, 46-54.	4.1	14

#	ARTICLE	IF	CITATIONS
19	A role for domain I of the hepatitis C virus NS5A protein in virus assembly. PLoS Pathogens, 2018, 14, e1006834.	4.7	41
20	Regulation of hepatitis C virus replication via threonine phosphorylation of the NS5A protein. Journal of General Virology, 2018, 99, 62-72.	2.9	7
21	A novel mutation in the neuraminidase gene of the 2009 pandemic H1N1 influenza A virus confers multidrug resistance. Journal of General Virology, 2018, 99, 275-276.	2.9	2
22	Whether you are a virus or a learned society-based virology journal, evolution is critical for success!. Journal of General Virology, 2018, 99, 1-2.	2.9	0
23	Phosphorylation of Serine 225 in Hepatitis C Virus NS5A Regulates Protein-Protein Interactions. Journal of Virology, 2017, 91, .	3.4	24
24	SNAP-tagged Chikungunya Virus Replicons Improve Visualisation of Non-Structural Protein 3 by Fluorescence Microscopy. Scientific Reports, 2017, 7, 5682.	3.3	26
25	Flavonoids from Pterogyne nitens Inhibit Hepatitis C Virus Entry. Scientific Reports, 2017, 7, 16127.	3.3	38
26	Evaluation of a range of mammalian and mosquito cell lines for use in Chikungunya virus research. Scientific Reports, 2017, 7, 14641.	3.3	40
27	Multiple effects of toxins isolated from Crotalus durissus terrificus on the hepatitis C virus life cycle. PLoS ONE, 2017, 12, e0187857.	2.5	25
28	Hepatitis C virus in vitro replication is efficiently inhibited by acridone Fac4. Journal of General Virology, 2017, 98, 1693-1701.	2.9	12
29	Manipulation of both virus- and cell-specific factors is required for robust transient replication of a hepatitis C virus genotype 3a sub-genomic replicon. Journal of General Virology, 2017, 98, 2495-2506.	2.9	4
30	Release of Infectious Hepatitis C Virus from Huh7 Cells Occurs via a <i>trans</i>-Golgi Network-to-Endosome Pathway Independent of Very-Low-Density Lipoprotein Secretion. Journal of Virology, 2016, 90, 7159-7170.	3.4	41
31	A prospective study of renal transplant recipients reveals an absence of primary JC polyomavirus infections. Journal of Clinical Virology, 2016, 77, 101-105.	3.1	10
32	Early events in the generation of autophagosomes are required for the formation of membrane structures involved in hepatitis C virus genome replication. Journal of General Virology, 2016, 97, 680-693.	2.9	26
33	Foot-and-mouth disease virus genome replication is unaffected by inhibition of type III phosphatidylinositol-4-kinases. Journal of General Virology, 2016, 97, 2221-2230.	2.9	7
34	Identification of a lead like inhibitor of the hepatitis C virus non-structural NS2 autoprotease. Antiviral Research, 2015, 124, 54-60.	4.1	3
35	Requirement for Chloride Channel Function during the Hepatitis C Virus Life Cycle. Journal of Virology, 2015, 89, 4023-4029.	3.4	20
36	Hepatitis C Virus Attenuates Mitochondrial Lipid β -Oxidation by Downregulating Mitochondrial Trifunctional-Protein Expression. Journal of Virology, 2015, 89, 4092-4101.	3.4	30

#	ARTICLE	IF	CITATIONS
37	Natural compounds isolated from Brazilian plants are potent inhibitors of hepatitis C virus replication in vitro. <i>Antiviral Research</i> , 2015, 115, 39-47.	4.1	33
38	Serine Phosphorylation of the Hepatitis C Virus NS5A Protein Controls the Establishment of Replication Complexes. <i>Journal of Virology</i> , 2015, 89, 3123-3135.	3.4	45
39	Epoxide based inhibitors of the hepatitis C virus non-structural 2 autoprotease. <i>Antiviral Research</i> , 2015, 117, 20-26.	4.1	7
40	Hepatitis C virus NS5A protein blocks epidermal growth factor receptor degradation via a proline motif- dependent interaction. <i>Journal of General Virology</i> , 2015, 96, 2133-2144.	2.9	16
41	A novel method for the measurement of hepatitis C virus infectious titres using the IncuCyte ZOOM and its application to antiviral screening. <i>Journal of Virological Methods</i> , 2015, 218, 59-65.	2.1	27
42	Hepatitis C virus NS5A: enigmatic but still promiscuous 10 years on!. <i>Journal of General Virology</i> , 2015, 96, 727-738.	2.9	114
43	Evaluation of Canonical siRNA and Dicer Substrate RNA for Inhibition of Hepatitis C Virus Genome Replication – A Comparative Study. <i>PLoS ONE</i> , 2015, 10, e0117742.	2.5	14
44	Structure-guided design affirms inhibitors of hepatitis C virus p7 as a viable class of antivirals targeting virion release. <i>Hepatology</i> , 2014, 59, 408-422.	7.3	56
45	Recombinant Human L-Ficolin Directly Neutralizes Hepatitis C Virus Entry. <i>Journal of Innate Immunity</i> , 2014, 6, 676-684.	3.8	28
46	Insights into the Complexity and Functionality of Hepatitis C Virus NS5A Phosphorylation. <i>Journal of Virology</i> , 2014, 88, 1421-1432.	3.4	55
47	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
48	The non-primate hepacivirus 5' untranslated region possesses internal ribosomal entry site activity. <i>Journal of General Virology</i> , 2013, 94, 2657-2663.	2.9	9
49	Early BK Polyomavirus (BKV) Reactivation in Donor Kidney Is a Risk Factor for Development of BKV-Associated Nephropathy. <i>Journal of Infectious Diseases</i> , 2013, 207, 137-141.	4.0	27
50	The C terminus of NS5A domain II is a key determinant of hepatitis C virus genome replication, but is not required for virion assembly and release. <i>Journal of General Virology</i> , 2013, 94, 1009-1018.	2.9	39
51	Hepatitis C Virus NS5A Inhibits Mixed Lineage Kinase 3 to Block Apoptosis. <i>Journal of Biological Chemistry</i> , 2013, 288, 24753-24763.	3.4	27
52	Hepatitis C Virus-Induced Autophagy Is Independent of the Unfolded Protein Response. <i>Journal of Virology</i> , 2012, 86, 10724-10732.	3.4	51
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	Carbon monoxide protects against oxidant-induced apoptosis via inhibition of K _v channels. <i>FASEB Journal</i> , 2011, 25, 1519-1530.	0.5	82
56	Viruses and the fuel sensor: the emerging link between AMPK and virus replication. <i>Reviews in Medical Virology</i> , 2011, 21, 205-212.	8.3	41
57	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
58	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
59	Cyclophilin A Interacts with Domain II of Hepatitis C Virus NS5A and Stimulates RNA Binding in an Isomerase-Dependent Manner. <i>Journal of Virology</i> , 2011, 85, 7460-7464.	3.4	107
60	Mutation of a C-Terminal Motif Affects Kaposi's Sarcoma-Associated Herpesvirus ORF57 RNA Binding, Nuclear Trafficking, and Multimerization. <i>Journal of Virology</i> , 2011, 85, 7881-7891.	3.4	16
61	The subcellular localization of the hepatitis C virus non-structural protein NS2 is regulated by an ion channel-independent function of the p7 protein. <i>Journal of General Virology</i> , 2011, 92, 819-830.	2.9	38
62	Direct visualization of the small hydrophobic protein of human respiratory syncytial virus reveals the structural basis for membrane permeability. <i>FEBS Letters</i> , 2010, 584, 2786-2790.	2.8	56
63	A comparative analysis of the fluorescence properties of the wild-type and active site mutants of the hepatitis C virus autoprotease NS2-3. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 212-222.	2.3	6
64	All Three Domains of the Hepatitis C Virus Nonstructural NS5A Protein Contribute to RNA Binding. <i>Journal of Virology</i> , 2010, 84, 9267-9277.	3.4	108
65	Expression of the NS3 protease of cytopathogenic bovine viral diarrhea virus results in the induction of apoptosis but does not block activation of the beta interferon promoter. <i>Journal of General Virology</i> , 2010, 91, 133-144.	2.9	34
66	Hepatitis C virus RNA replication is regulated by Ras-Erk signalling. <i>Journal of General Virology</i> , 2010, 91, 671-680.	2.9	21
67	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
68	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
69	Optineurin Negatively Regulates the Induction of IFN β in Response to RNA Virus Infection. <i>PLoS Pathogens</i> , 2010, 6, e1000778.	4.7	112
70	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
71	Different patterns of BK and JC polyomavirus reactivation following renal transplantation. <i>Journal of Clinical Pathology</i> , 2010, 63, 714-718.	2.0	28
72	Hepatitis C virus NS5A protein interacts with β -catenin and stimulates its transcriptional activity in a phosphoinositide-3 kinase-dependent fashion. <i>Journal of General Virology</i> , 2010, 91, 373-381.	2.9	48

#	ARTICLE	IF	CITATIONS
73	Identification of a novel phosphorylation site in hepatitis C virus NS5A. <i>Journal of General Virology</i> , 2010, 91, 2428-2432.	2.9	11
74	Suppression of a pro-apoptotic K ⁺ channel as a mechanism for hepatitis C virus persistence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15903-15908.	7.1	58
75	A Conserved Proline between Domains II and III of Hepatitis C Virus NS5A Influences both RNA Replication and Virus Assembly. <i>Journal of Virology</i> , 2009, 83, 10788-10796.	3.4	37
76	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
77	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
78	Hepatitis C Virus. , 2009, , 47-69.		1
79	Genotype-dependent sensitivity of hepatitis C virus to inhibitors of the p7 ion channel. <i>Hepatology</i> , 2008, 48, 1779-1790.	7.3	109
80	The Hepatitis C Virus Non-Structural Protein NS5A Alters the Trafficking Profile of the Epidermal Growth Factor Receptor. <i>Traffic</i> , 2008, 9, 1497-1509.	2.7	37
81	Hepatitis C virus NS5A protein binds the SH3 domain of the Fyn tyrosine kinase with high affinity: mutagenic analysis of residues within the SH3 domain that contribute to the interaction. <i>Virology Journal</i> , 2008, 5, 24.	3.4	31
82	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
83	A comparative cell biological analysis reveals only limited functional homology between the NS5A proteins of hepatitis C virus and GB virus B. <i>Journal of General Virology</i> , 2008, 89, 1911-1920.	2.9	5
84	Characterisation of the Role of Zinc in the Hepatitis C Virus NS2/3 Auto-cleavage and NS3 Protease Activities. <i>Journal of Molecular Biology</i> , 2007, 366, 1652-1660.	4.2	25
85	Protection of Hepatocytes from Cytotoxic T Cell Mediated Killing by Interferon-Alpha. <i>PLoS ONE</i> , 2007, 2, e791.	2.5	22
86	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
87	Role of myristoylation and N-terminal basic residues in membrane association of the human immunodeficiency virus type 1 Nef protein. <i>Journal of General Virology</i> , 2006, 87, 563-571.	2.9	97
88	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
89	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
90	Tagging of NS5A expressed from a functional hepatitis C virus replicon. <i>Journal of General Virology</i> , 2006, 87, 635-640.	2.9	21

#	ARTICLE	IF	CITATIONS
91	Co-translational myristoylation alters the quaternary structure of HIV-1 Nef in solution. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 60, 658-669.	2.6	19
92	Hepatitis C Virus NS5A-Mediated Activation of Phosphoinositide 3-Kinase Results in Stabilization of Cellular β -Catenin and Stimulation of β -Catenin-Responsive Transcription. <i>Journal of Virology</i> , 2005, 79, 5006-5016.	3.4	137
93	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
94	Further studies on hepatitis C virus NS5A's SH3 domain interactions: identification of residues critical for binding and implications for viral RNA replication and modulation of cell signalling. <i>Journal of General Virology</i> , 2005, 86, 1035-1044.	2.9	39
95	Perturbation of epidermal growth factor receptor complex formation and Ras signalling in cells harbouring the hepatitis C virus subgenomic replicon. <i>Journal of General Virology</i> , 2005, 86, 1027-1033.	2.9	21
96	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
97	The hepatitis C virus NS5A protein binds to members of the Src family of tyrosine kinases and regulates kinase activity. <i>Journal of General Virology</i> , 2004, 85, 721-729.	2.9	104
98	The Hepatitis C Virus NS5A Protein Activates a Phosphoinositide 3-Kinase-dependent Survival Signaling Cascade. <i>Journal of Biological Chemistry</i> , 2004, 279, 12232-12241.	3.4	199
99	Introduction of replication-competent hepatitis C virus transcripts using a tetracycline-regulable baculovirus delivery system. <i>Journal of General Virology</i> , 2004, 85, 429-439.	2.9	46
100	Hepatitis C virus NS5A: tales of a promiscuous protein. <i>Journal of General Virology</i> , 2004, 85, 2485-2502.	2.9	362
101	The Hepatitis C Virus Non-structural NS5A Protein Inhibits Activating Protein-1 Function by Perturbing Ras-ERK Pathway Signaling. <i>Journal of Biological Chemistry</i> , 2003, 278, 17775-17784.	3.4	143
102	The di-leucine motif in the cytoplasmic tail of CD4 is not required for binding to human immunodeficiency virus type 1 Nef, but is critical for CD4 down-modulation. <i>Journal of General Virology</i> , 2003, 84, 2705-2713.	2.9	27
103	Efficient delivery and regulable expression of hepatitis C virus full-length and minigenome constructs in hepatocyte-derived cell lines using baculovirus vectors. <i>Journal of General Virology</i> , 2002, 83, 383-394.	2.9	34
104	The inhibition of cAMP-dependent protein kinase by full-length hepatitis C virus NS3/4A complex is due to ATP hydrolysis. <i>Journal of General Virology</i> , 2001, 82, 1637-1646.	2.9	22
105	Identification of the Nef-associated kinase as p21-activated kinase 2. <i>Current Biology</i> , 1999, 9, 1407-1411.	3.9	125
106	HIV: A new role for Nef in the spread of HIV. <i>Current Biology</i> , 1999, 9, R459-R461.	3.9	38
107	The Human Immunodeficiency Virus Type 1 NEF Protein Binds the Src-Related Tyrosine Kinase Lck SH2 Domain Through a Novel Phosphotyrosine Independent Mechanism. <i>Virology</i> , 1998, 247, 200-211.	2.4	42
108	Virion Incorporation of Human Immunodeficiency Virus Type 1 Nef Is Mediated by a Bipartite Membrane-Targeting Signal: Analysis of Its Role in Enhancement of Viral Infectivity. <i>Journal of Virology</i> , 1998, 72, 8833-8840.	3.4	107