## CITATION REPORT List of articles citing

The Hepatitis C virus NS5A protein activates a phosphoinositide 3-kinase-dependent survival signaling cascade

DOI: 10.1074/jbc.m312245200 Journal of Biological Chemistry, 2004, 279, 12232-41.

**Source:** https://exaly.com/paper-pdf/36663661/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
187	The NS5A protein of hepatitis C virus is a zinc metalloprotein. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 48576-87	5.4	267
186	The NS3 protein of hepatitis C virus induces caspase-8-mediated apoptosis independent of its protease or helicase activities. <i>Virology</i> , <b>2004</b> , 329, 53-67	3.6	64
185	Hepatitis C virus NS5A: tales of a promiscuous protein. <i>Journal of General Virology</i> , <b>2004</b> , 85, 2485-2502	4.9	320
184	Up and down regulation of apoptosis in hepatitis C virus-related liver damage. <i>Journal of Hepatology</i> , <b>2004</b> , 41, 883-5; author reply 885-6	13.4	1
183	Inhibition of in vitro RNA binding and replicase activity by phosphorylation of the p33 replication protein of Cucumber necrosis tombusvirus. <i>Virology</i> , <b>2005</b> , 343, 79-92	3.6	40
182	Phosphorylation of the p33 replication protein of Cucumber necrosis tombusvirus adjacent to the RNA binding site affects viral RNA replication. <i>Virology</i> , <b>2005</b> , 343, 65-78	3.6	36
181	Ribavirin resistance in hepatitis C virus replicon-containing cell lines conferred by changes in the cell line or mutations in the replicon RNA. <i>Journal of Virology</i> , <b>2005</b> , 79, 2346-55	6.6	79
180	Corneal cell survival in adenovirus type 19 infection requires phosphoinositide 3-kinase/Akt activation. <i>Journal of Virology</i> , <b>2005</b> , 79, 12332-41	6.6	37
179	Hepatitis C virus NS5A-mediated activation of phosphoinositide 3-kinase results in stabilization of cellular beta-catenin and stimulation of beta-catenin-responsive transcription. <i>Journal of Virology</i> , <b>2005</b> , 79, 5006-16	6.6	118
178	Further studies on hepatitis C virus NS5A-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> , <b>2005</b> , 86, 1035-1044	4.9	32
177	Activation of the N-Ras-PI3K-Akt-mTOR pathway by hepatitis C virus: control of cell survival and viral replication. <i>Journal of Virology</i> , <b>2005</b> , 79, 8742-9	6.6	141
176	Hepatitis C virus stimulates the expression of cyclooxygenase-2 via oxidative stress: role of prostaglandin E2 in RNA replication. <i>Journal of Virology</i> , <b>2005</b> , 79, 9725-34	6.6	119
175	Host cell targets in HCV therapy: novel strategy or proven practice?. <b>2005</b> , 16, 69-90		9
174	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> , <b>2005</b> , 86, 1027-1033	4.9	20
173	Modulation of apoptosis as a target for liver disease. <b>2005</b> , 9, 83-99		39
172	Effect of ethanol on innate antiviral pathways and HCV replication in human liver cells. <b>2005</b> , 2, 89		44
171	[Pathogenesis of the hepatocellular carcinoma associated with hepatitis C virus]. 2006, 56, 231-9		2

170	Viral hepatitis and liver cancer: the case of hepatitis C. Oncogene, 2006, 25, 3834-47	9.2	323
169	The Role of Phosphoinositide 3-Kinase-Akt Signaling in Virus Infection. <b>2006</b> , 57-80		1
168	Hyper-activated IRF-1 and STAT1 contribute to enhanced interferon stimulated gene (ISG) expression by interferon alpha and gamma co-treatment in human hepatoma cells. <b>2006</b> , 1759, 417-25		13
167	Mechanistic link between the anti-HCV effect of interferon gamma and control of viral replication by a Ras-MAPK signaling cascade. <b>2006</b> , 43, 81-90		39
166	Signal transduction cascades and hepatitis B and C related hepatocellular carcinoma. <b>2006</b> , 43, 891-902	2	97
165	Evaluating the impact of hepatitis C virus (HCV) on highly active antiretroviral therapy-mediated immune responses in HCV/HIV-coinfected women: role of HCV on expression of primed/memory T cells. <b>2006</b> , 193, 1202-10		43
164	The NS5A protein of the hepatitis C virus genotype 1a is cleaved by caspases to produce C-terminal-truncated forms of the protein that reside mainly in the cytosol. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 13449-13462	5.4	16
163	Influenza A virus NS1 protein activates the phosphatidylinositol 3-kinase (PI3K)/Akt pathway by direct interaction with the p85 subunit of PI3K. <i>Journal of General Virology</i> , <b>2007</b> , 88, 13-18	4.9	144
162	SH3 binding motif 1 in influenza A virus NS1 protein is essential for PI3K/Akt signaling pathway activation. <i>Journal of Virology</i> , <b>2007</b> , 81, 12730-9	6.6	105
161	Host-Cell Survival and Death During Chlamydia Infection. 2007, 3, 31-40		35
160	Host-Cell Survival and Death During Chlamydia Infection. 2007, 3, 31-40  Regulation of hepatitis B virus replication by the phosphatidylinositol 3-kinase-akt signal transduction pathway. <i>Journal of Virology</i> , 2007, 81, 10072-80	6.6	109
	Regulation of hepatitis B virus replication by the phosphatidylinositol 3-kinase-akt signal	6.6	
160	Regulation of hepatitis B virus replication by the phosphatidylinositol 3-kinase-akt signal transduction pathway. <i>Journal of Virology</i> , <b>2007</b> , 81, 10072-80  Effect of the phosphatidylinositol 3-kinase/Akt pathway on influenza A virus propagation. <i>Journal</i>		109
160 159	Regulation of hepatitis B virus replication by the phosphatidylinositol 3-kinase-akt signal transduction pathway. <i>Journal of Virology</i> , <b>2007</b> , 81, 10072-80  Effect of the phosphatidylinositol 3-kinase/Akt pathway on influenza A virus propagation. <i>Journal of General Virology</i> , <b>2007</b> , 88, 942-950  Deactivation of Akt and STAT3 signaling promotes apoptosis, inhibits proliferation, and enhances		109
160 159 158	Regulation of hepatitis B virus replication by the phosphatidylinositol 3-kinase-akt signal transduction pathway. <i>Journal of Virology</i> , <b>2007</b> , 81, 10072-80  Effect of the phosphatidylinositol 3-kinase/Akt pathway on influenza A virus propagation. <i>Journal of General Virology</i> , <b>2007</b> , 88, 942-950  Deactivation of Akt and STAT3 signaling promotes apoptosis, inhibits proliferation, and enhances the sensitivity of hepatocellular carcinoma cells to an anticancer agent, Atiprimod. <b>2007</b> , 6, 112-21	4.9	109 130 73
160 159 158	Regulation of hepatitis B virus replication by the phosphatidylinositol 3-kinase-akt signal transduction pathway. <i>Journal of Virology</i> , <b>2007</b> , 81, 10072-80  Effect of the phosphatidylinositol 3-kinase/Akt pathway on influenza A virus propagation. <i>Journal of General Virology</i> , <b>2007</b> , 88, 942-950  Deactivation of Akt and STAT3 signaling promotes apoptosis, inhibits proliferation, and enhances the sensitivity of hepatocellular carcinoma cells to an anticancer agent, Atiprimod. <b>2007</b> , 6, 112-21  Subversion of innate host antiviral strategies by the hepatitis C virus. <b>2007</b> , 462, 254-65	4.9	<ul><li>109</li><li>130</li><li>73</li><li>32</li></ul>
160 159 158 157	Regulation of hepatitis B virus replication by the phosphatidylinositol 3-kinase-akt signal transduction pathway. <i>Journal of Virology</i> , <b>2007</b> , 81, 10072-80  Effect of the phosphatidylinositol 3-kinase/Akt pathway on influenza A virus propagation. <i>Journal of General Virology</i> , <b>2007</b> , 88, 942-950  Deactivation of Akt and STAT3 signaling promotes apoptosis, inhibits proliferation, and enhances the sensitivity of hepatocellular carcinoma cells to an anticancer agent, Atiprimod. <b>2007</b> , 6, 112-21  Subversion of innate host antiviral strategies by the hepatitis C virus. <b>2007</b> , 462, 254-65  Domain 2 of nonstructural protein 5A (NS5A) of hepatitis C virus is natively unfolded. <b>2007</b> , 46, 11550-69.  Regulation of c-Met signaling by the tetraspanin KAI-1/CD82 affects cancer cell migration. <b>2007</b> ,	4.9	<ul><li>109</li><li>130</li><li>73</li><li>32</li><li>78</li></ul>

152	Emerging host cell targets for hepatitis C therapy. <b>2007</b> , 12, 209-17		23
151	Phosphorylation of hepatitis C virus NS5A nonstructural protein: a new paradigm for phosphorylation-dependent viral RNA replication?. <i>Virology</i> , <b>2007</b> , 364, 1-9	3.6	130
150	The hepatitis C virus non-structural protein NS5A alters the trafficking profile of the epidermal growth factor receptor. <b>2008</b> , 9, 1497-509		35
149	Immunosuppression and tumor development in organ transplant recipients: the emerging dualistic role of rapamycin. <b>2008</b> , 21, 207-17		43
148	Cellular and molecular interactions in coinfection with hepatitis C virus and human immunodeficiency virus. <b>2008</b> , 10, e30		30
147	Binding of influenza A virus NS1 protein to the inter-SH2 domain of p85 suggests a novel mechanism for phosphoinositide 3-kinase activation. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 1372-13	§0 <sup>1</sup>	53
146	Hepatitis C virus NS5A protein interacts with and negatively regulates the non-receptor protein tyrosine kinase Syk. <i>Journal of General Virology</i> , <b>2008</b> , 89, 1231-1242	4.9	23
145	The role of hepatitis C virus in the pathogenesis of hepatocellular carcinoma. 2008, 1, 167-175		10
144	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> , <b>2008</b> , 89, 1911-1920	4.9	4
143	Identification of replication-competent HSV-1 Cgal+ strain signaling targets in human hepatoma cells by functional organelle proteomics. <b>2009</b> , 8, 805-15		19
142	The hepatitis C virus non-structural NS5A protein impairs both the innate and adaptive hepatic immune response in vivo. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 28343-28351	5.4	29
141	Toll-like receptor 3 mediates establishment of an antiviral state against hepatitis C virus in hepatoma cells. <i>Journal of Virology</i> , <b>2009</b> , 83, 9824-34	6.6	159
140	The role of the PI3K-Akt signal transduction pathway in Autographa californica multiple nucleopolyhedrovirus infection of Spodoptera frugiperda cells. <i>Virology</i> , <b>2009</b> , 391, 83-9	3.6	33
139	Nonstructural 3/4A protease of hepatitis C virus activates epithelial growth factor-induced signal transduction by cleavage of the T-cell protein tyrosine phosphatase. <b>2009</b> , 49, 1810-20		56
138	Suppression of hepatitis C virus replication by protein kinase C-related kinase 2 inhibitors that block phosphorylation of viral RNA polymerase. <i>Journal of Viral Hepatitis</i> , <b>2009</b> , 16, 697-704	3.4	27
137	Expression of pro- and anti-inflammatory cytokines in relation to apoptotic genes in Egyptian liver disease patients associated with HCV-genotype-4. <b>2009</b> , 24, 416-28		23
136	A new player in a deadly game: influenza viruses and the PI3K/Akt signalling pathway. <b>2009</b> , 11, 863-71		125
135	Ablation of phosphoinositide-3-kinase class II alpha suppresses hepatoma cell proliferation. <b>2009</b> , 387, 310-5		19

134	Hepatitis C virus-induced hepatocarcinogenesis. <i>Journal of Hepatology</i> , <b>2009</b> , 51, 810-20 13.4	114
133	Nonstructural 5A protein activates beta-catenin signaling cascades: implication of hepatitis C virus-induced liver pathogenesis. <i>Journal of Hepatology</i> , <b>2009</b> , 51, 853-64	72
132	Tumor suppressors, chromosomal instability, and hepatitis C virus-associated liver cancer. <i>Annual Review of Pathology: Mechanisms of Disease</i> , <b>2009</b> , 4, 399-415	75
131	Hepatitis C virus core protein induces apoptosis-like caspase independent cell death. <b>2009</b> , 6, 213	18
130	Modulation of interferon signaling by hepatitis C virus non-structural 5A protein: implication of genotypic difference in interferon treatment. <b>2010</b> , 584, 4069-76	6
129	Role of PKB/Akt in Liver Diseases. <b>2010</b> , 243-259	5
128	Hepatitis C virus genotype-3a core protein enhances sterol regulatory element-binding protein-1 activity through the phosphoinositide 3-kinase-Akt-2 pathway. <i>Journal of General Virology</i> , <b>2010</b> , 91, 1388-95	; 54
127	Hepatitis C virus NS5A activates the mammalian target of rapamycin (mTOR) pathway, contributing to cell survival by disrupting the interaction between FK506-binding protein 38 (FKBP38) and 5.4 mTOR. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 20870-81	53
126	Enhanced hepatitis C virus genome replication and lipid accumulation mediated by inhibition of AMP-activated protein kinase. <b>2010</b> , 107, 11549-54	109
125	Liver cancer: from molecular pathogenesis to new therapies: summary of the EASL single topic conference. <i>Journal of Hepatology</i> , <b>2010</b> , 52, 296-304	36
124	Hepatitis B virus/hepatitis C virus upregulate angiopoietin-2 expression through mitogen-activated protein kinase pathway. <b>2010</b> , 40, 1022-33	15
123	Rotavirus nonstructural protein 1 suppresses virus-induced cellular apoptosis to facilitate viral growth by activating the cell survival pathways during early stages of infection. <i>Journal of Virology</i> , 6.6 <b>2010</b> , 84, 6834-45	73
122	[New perspectives for radiosensitization in hepatocellular carcinoma: a review of mechanisms involved in liver oncogenesis]. <b>2011</b> , 15, 32-8	2
121	AMP-activated protein kinase: an energy sensor that regulates all aspects of cell function. <b>2011</b> , 25, 1895-90	8 1056
120	Hepatitis C virus proteins activate NRF2/ARE pathway by distinct ROS-dependent and independent mechanisms in HUH7 cells. <b>2011</b> , 6, e24957	115
119	Novel PI3K/Akt inhibitors screened by the cytoprotective function of human immunodeficiency virus type 1 Tat. <b>2011</b> , 6, e21781	33
118	Metabolomic profile of hepatitis C virus-infected hepatocytes. <b>2011</b> , 6, e23641	66
117	Synthetic peptides containing ITIM-like sequences of IREM-1 inhibit BAFF-mediated regulation of interleukin-8 expression and phagocytosis through SHP-1 and/or PI3K. <b>2011</b> , 134, 224-33	8

116	Virus-specific mechanisms of carcinogenesis in hepatitis C virus associated liver cancer. <i>Oncogene</i> , <b>2011</b> , 30, 1969-83	9.2	165
115	Integrative network analysis identifies key genes and pathways in the progression of hepatitis C virus induced hepatocellular carcinoma. <b>2011</b> , 4, 62		33
114	Viruses and the fuel sensor: the emerging link between AMPK and virus replication. <b>2011</b> , 21, 205-12		36
113	Antiviral stilbene 1,2-diamines prevent initiation of hepatitis C virus RNA replication at the outset of infection. <i>Journal of Virology</i> , <b>2011</b> , 85, 5513-23	6.6	14
112	From virus entry to release: the diverse functions of PI3K during RNA virus infections. <b>2011</b> , 6, 1225-123	39	7
111	The PI3K/Akt pathway is involved in early infection of some exogenous avian leukosis viruses. Journal of General Virology, <b>2011</b> , 92, 1688-1697	4.9	34
110	Hepatitis C virus NS5A binds to the mRNA cap-binding eukaryotic translation initiation 4F (eIF4F) complex and up-regulates host translation initiation machinery through eIF4E-binding protein 1 inactivation. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 5042-58	5.4	37
109	Phosphoinositides in the hepatitis C virus life cycle. <i>Viruses</i> , <b>2012</b> , 4, 2340-58	6.2	36
108	Hepatitis C virus and cellular stress response: implications to molecular pathogenesis of liver diseases. <i>Viruses</i> , <b>2012</b> , 4, 2251-90	6.2	58
107	Molecular biology of liver carcinogenesis and hepatitis. <b>2012</b> , 142-152.e3		1
106	Regulation of neuronal proapoptotic potassium currents by the hepatitis C virus nonstructural protein 5A. <b>2012</b> , 32, 8865-70		16
105	Transient activation of the PI3K-AKT pathway by hepatitis C virus to enhance viral entry. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 41922-30	5.4	66
104	Liver X receptor Emediated regulation of lipogenesis by core and NS5A proteins contributes to HCV-induced liver steatosis and HCV replication. <b>2012</b> , 92, 1191-202		41
103	Curcumin inhibits HCV replication by induction of heme oxygenase-1 and suppression of AKT. <b>2012</b> , 30, 1021-8		47
102	Molecular pathways for glucose homeostasis, insulin signaling and autophagy in hepatitis C virus induced insulin resistance in a cellular model. <i>Virology</i> , <b>2012</b> , 434, 5-17	3.6	12
101	Synthetic peptides containing ITIM-like domains block expression of inflammatory mediators and migration/invasion of cancer cells through activation of SHP-1 and PI3K. <b>2012</b> , 30, 364-71		3
100	Transient structure and SH3 interaction sites in an intrinsically disordered fragment of the hepatitis C virus protein NS5A. <b>2012</b> , 420, 310-23		48
99	Association between the epidermal growth factor rs4444903 G/G genotype and advanced fibrosis at a young age in chronic hepatitis C. <b>2012</b> , 57, 68-73		9

## (2014-2012)

98	Regulation of hepatitis C virus replication and gene expression by the MAPK-ERK pathway. <b>2012</b> , 278-85		19
97	Pleckstrin homology domain of Akt kinase: a proof of principle for highly specific and effective non-enzymatic anti-cancer target. <b>2012</b> , 7, e50424		8
96	Modulation of autophagy-like processes by tumor viruses. <i>Cells</i> , <b>2012</b> , 1, 204-47	7.9	14
95	Synthetic peptides containing ITIM-like sequences of IREM-1 (CD300F) differentially regulate MyD88 and TRIF-mediated TLR signalling through activation of SHP and/or PI3K. <b>2012</b> , 167, 438-46		11
94	Interaction of nonstructural protein 5A of the hepatitis C virus with Src homology 3 domains using noncanonical binding sites. <b>2013</b> , 52, 6160-8		21
93	A class II phosphoinositide 3-kinase plays an indispensable role in hepatitis C virus replication. <b>2013</b> , 440, 150-6		11
92	Hepatitis C and Hepatocellular Carcinoma. <b>2013</b> , 353-361		
91	Interplay between Hepatitis C Virus and Redox Cell Signaling. 2013, 14, 4705-21		20
90	Hepatitis C virus-induced activation of Etatenin promotes c-Myc expression and a cascade of pro-carcinogenetic events. <i>Oncogene</i> , <b>2013</b> , 32, 4683-93	9.2	67
89	Ca(2+) /S100 proteins regulate HCV virus NS5A-FKBP8/FKBP38 interaction and HCV virus RNA replication. <i>Liver International</i> , <b>2013</b> , 33, 1008-18	7.9	8
88	LKB1 and AMPK and the cancer-metabolism link - ten years after. <b>2013</b> , 11, 36		225
87	Hepatitis C virus and hepatocellular carcinoma. <i>Biology</i> , <b>2013</b> , 2, 304-16	4.9	15
86	Hepatitis C virus-induced mitochondrial dysfunctions. Viruses, 2013, 5, 954-80	6.2	51
85	Make yourself at home: viral hijacking of the PI3K/Akt signaling pathway. Viruses, 2013, 5, 3192-212	6.2	123
84	Replication vesicles are load- and choke-points in the hepatitis C virus lifecycle. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003561	7.6	63
83	Mechanisms of hepatocarcinogenesis in chronic hepatitis©. <i>Hepatic Oncology</i> , <b>2014</b> , 1, 293-307	4	2
82	Phosphorylation by Akt within the ST loop of AMPK-II down-regulates its activation in tumour cells. <i>Biochemical Journal</i> , <b>2014</b> , 459, 275-87	3.8	137
81	Facts and fictions of HCV and comorbidities: steatosis, diabetes mellitus, and cardiovascular diseases. <i>Journal of Hepatology</i> , <b>2014</b> , 61, S69-78	13.4	107

80	Hepatitis C virus NS5A protein enhances gluconeogenesis through upregulation of Akt-/JNK-PEPCK signalling pathways. <i>Liver International</i> , <b>2014</b> , 34, 1358-68	7.9	10
79	Hepatitis C virus NS5A is able to competitively displace c-Myc from the Bin1 SH3 domain in vitro. Journal of Peptide Science, <b>2014</b> , 20, 334-40	2.1	4
78	AMP-activated protein kinase: a key regulator of energy balance with many roles in human disease. <i>Journal of Internal Medicine</i> , <b>2014</b> , 276, 543-59	10.8	180
77	Signaling of hepatitis C virus. <b>2015</b> , 459-468		
76	Hepatitis C virus NS5A drives a PTEN-PI3K/Akt feedback loop to support cell survival. <i>Liver International</i> , <b>2015</b> , 35, 1682-91	7.9	28
75	To complete its replication cycle, a shrimp virus changes the population of long chain fatty acids during infection via the PI3K-Akt-mTOR-HIF1[pathway. <i>Developmental and Comparative Immunology</i> , <b>2015</b> , 53, 85-95	3.2	34
74	An SH3 binding motif within the nucleocapsid protein of porcine reproductive and respiratory syndrome virus interacts with the host cellular signaling proteins STAMI, TXK, Fyn, Hck, and cortactin. <i>Virus Research</i> , <b>2015</b> , 204, 31-9	6.4	9
73	Cellular stress responses in hepatitis C virus infection: Mastering a two-edged sword. <i>Virus Research</i> , <b>2015</b> , 209, 100-17	6.4	29
72	How do persistent infections with hepatitis C virus cause liver cancer?. <i>Current Opinion in Virology</i> , <b>2015</b> , 14, 101-8	7.5	34
71	Profiling Kinase Activity during Hepatitis C Virus Replication Using a Wortmannin Probe. <i>ACS Infectious Diseases</i> , <b>2015</b> , 1, 443-52	5.5	5
70	Y-Box Binding Protein 1 Stabilizes Hepatitis C Virus NS5A via Phosphorylation-Mediated Interaction with NS5A To Regulate Viral Propagation. <i>Journal of Virology</i> , <b>2015</b> , 89, 11584-602	6.6	10
69	Structure of the c-Src-SH3 domain in complex with a proline-rich motif of NS5A protein from the hepatitis C virus. <i>Journal of Structural Biology</i> , <b>2015</b> , 189, 67-72	3.4	11
68	Hepatitis C virus-associated cancer. Annual Review of Pathology: Mechanisms of Disease, 2015, 10, 345-7	7034	66
67	Adapting the Stress Response: Viral Subversion of the mTOR Signaling Pathway. <i>Viruses</i> , <b>2016</b> , 8,	6.2	63
66	Sinularin Induces Apoptosis through Mitochondria Dysfunction and Inactivation of the pI3K/Akt/mTOR Pathway in Gastric Carcinoma Cells. <i>Marine Drugs</i> , <b>2016</b> , 14,	6	34
65	Hepatic expression of proteasome subunit alpha type-6 is upregulated during viral hepatitis and putatively regulates the expression of ISG15 ubiquitin-like modifier, a proviral host gene in hepatitis C virus infection. <i>Journal of Viral Hepatitis</i> , <b>2016</b> , 23, 375-86	3.4	5
64	PI3K-Akt signaling pathway upregulates hepatitis C virus RNA translation through the activation of SREBPs. <i>Virology</i> , <b>2016</b> , 490, 99-108	3.6	27
63	Avian reovirus A and NS proteins activate the phosphatidylinositol 3-kinase-dependent Akt signalling pathway. <i>Archives of Virology</i> , <b>2016</b> , 161, 2243-8	2.6	3

62	Kushenin induces the apoptosis of HCV-infected cells by blocking the PI3K-Akt-mTOR pathway via inhibiting NS5A. <i>Experimental Cell Research</i> , <b>2016</b> , 345, 108-14	4.2	2
61	AMPK in Pathogens. <i>Exs</i> , <b>2016</b> , 107, 287-323		5
60	Hepatocellular Carcinoma and Hepatitis C Virus. <b>2016</b> , 109-136		1
59	h-Prune as a novel binding protein of NS5A that regulates ERK1/2 activation. <i>Applied Biological Chemistry</i> , <b>2016</b> , 59, 543-551	2.9	
58	Glutathione peroxidase 4 is reversibly induced by HCV to control lipid peroxidation and to increase virion infectivity. <i>Gut</i> , <b>2016</b> , 65, 144-54	19.2	37
57	Conjugation of SUMO to p85 leads to a novel mechanism of PI3K regulation. <i>Oncogene</i> , <b>2016</b> , 35, 2873-	8 <b>9</b> .2	14
56	Molecular biology of liver carcinogenesis and hepatitis. <b>2017</b> , 160-172.e3		
55	The role of PTEN - HCV core interaction in hepatitis C virus replication. <i>Scientific Reports</i> , <b>2017</b> , 7, 3695	4.9	14
54	A novel and promising therapeutic approach for NSCLC: recombinant human arginase alone or combined with autophagy inhibitor. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e2720	9.8	38
53	Action and function of Wnt/Etatenin signaling in the progression from chronic hepatitis C to hepatocellular carcinoma. <i>Journal of Gastroenterology</i> , <b>2017</b> , 52, 419-431	6.9	40
52	Hepatitis C Virus-Associated Cancers. Advances in Experimental Medicine and Biology, 2017, 1018, 129-14	4 <b>6</b> .6	9
51	Human single chain-transbodies that bound to domain-I of non-structural protein 5A (NS5A) of hepatitis C virus. <i>Scientific Reports</i> , <b>2017</b> , 7, 15042	4.9	8
50	Phosphorylated AKT expression in tumor-adjacent normal tissue is associated with poor prognosis in patients with hepatocellular carcinoma. <i>Oncology Letters</i> , <b>2017</b> , 14, 7461-7466	2.6	3
49	Redox proteomics screening cellular factors associated with oxidative stress in hepatocarcinogenesis. <i>Proteomics - Clinical Applications</i> , <b>2017</b> , 11, 1600089	3.1	8
48	Tissue expression of Etatenin and E- and N-cadherins in chronic hepatitis C and hepatocellular carcinoma. <i>Archives of Medical Science</i> , <b>2017</b> , 13, 1269-1280	2.9	12
47	Capilliposide C Sensitizes Esophageal Squamous Carcinoma Cells to Oxaliplatin by Inducing Apoptosis Through the PI3K/Akt/mTOR Pathway. <i>Medical Science Monitor</i> , <b>2017</b> , 23, 2096-2103	3.2	13
46	Nonstructural Protein 5A Impairs DNA Damage Repair: Implications for Hepatitis C Virus-Mediated Hepatocarcinogenesis. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	15
45	Marekß Disease Virus Activates the PI3K/Akt Pathway Through Interaction of Its Protein Meq With the P85 Subunit of PI3K to Promote Viral Replication. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2547	5.7	11

44	Oncogenic Signaling Induced by HCV Infection. Viruses, 2018, 10,	6.2	10
43	Knockdown of DSPP inhibits the migration and invasion of glioma cells. <i>Pathology Research and Practice</i> , <b>2018</b> , 214, 2025-2030	3.4	1
42	Knockdown of KLF5 suppresses hypoxia-induced resistance to cisplatin in NSCLC cells by regulating HIF-1Edependent glycolysis through inactivation of the PI3K/Akt/mTOR pathway. <i>Journal of Translational Medicine</i> , <b>2018</b> , 16, 164	8.5	47
41	Silencing of EPCAM suppresses hepatic fibrosis and hepatic stellate cell proliferation in mice with alcoholic hepatitis via the PI3K/Akt/mTOR signaling pathway. <i>Cell Cycle</i> , <b>2019</b> , 18, 2239-2254	4.7	12
40	Wnt/ECatenin Signaling in Liver Cancers. Cancers, 2019, 11,	6.6	58
39	Study of the activation of the PI3K/Akt pathway by the motif of A and NS proteins of avian reovirus. <i>Innate Immunity</i> , <b>2020</b> , 26, 312-318	2.7	O
38	Integrated time-serial transcriptome networks reveal common innate and tissue-specific adaptive immune responses to PRRSV infection. <i>Veterinary Research</i> , <b>2020</b> , 51, 128	3.8	6
37	Integrated Analysis of microRNA-mRNA Expression in Mouse Lungs Infected With H7N9 Influenza Virus: A Direct Comparison of Host-Adapting PB2 Mutants. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 1762	5.7	3
36	Hepatocellular Carcinoma Mechanisms Associated with Chronic HCV Infection and the Impact of Direct-Acting Antiviral Treatment. <i>Journal of Hepatocellular Carcinoma</i> , <b>2020</b> , 7, 45-76	5.3	27
35	Hepatitis C Virus RNA Transcript Associates with Prognosis in Non-human Papillomavirus Associated Head and Neck Squamous Cell Carcinoma. <i>Laryngoscope</i> , <b>2021</b> , 131, 1774-1781	3.6	
34	Long Noncoding RNA EGOT Responds to Stress Signals to Regulate Cell Inflammation and Growth. Journal of Immunology, <b>2021</b> , 206, 1932-1942	5.3	1
33	Additional Inhibition of Wnt/ECatenin Signaling by Metformin in DAA Treatments as a Novel Therapeutic Strategy for HCV-Infected Patients. <i>Cells</i> , <b>2021</b> , 10,	7.9	O
32	Elucidating the Effects of Curcumin against Influenza Using In Silico and In Vitro Approaches. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	O
31	ZNF655 is involved in development and progression of non-small-cell lung cancer. <i>Life Sciences</i> , <b>2021</b> , 280, 119727	6.8	1
30	Digesting Oneself and Digesting Microbes. <b>2005</b> , 245-279		4
29	Hepatitis C Virus and Hepatocellular Carcinoma. <b>2012</b> , 571-583		2
28	Early events in the generation of autophagosomes are required for the formation of membrane structures involved in hepatitis C virus genome replication. <i>Journal of General Virology</i> , <b>2016</b> , 97, 680-69	9 <del>3</del> .9	21
27	Hepatitis C virus NS5A protein interacts with beta-catenin and stimulates its transcriptional activity in a phosphoinositide-3 kinase-dependent fashion. <i>Journal of General Virology</i> , <b>2010</b> , 91, 373-81	4.9	40

26	p53 controls hepatitis C virus non-structural protein 5A-mediated downregulation of GADD45 expression via the NF- <b>B</b> and PI3K-Akt pathways. <i>Journal of General Virology</i> , <b>2013</b> , 94, 326-335	4.9	18
25	Influenza virus and cell signaling pathways. <i>Medical Science Monitor</i> , <b>2011</b> , 17, RA148-54	3.2	71
24	TARGETING THE NS5A PROTEIN OF HCV: AN EMERGING OPTION. Drugs of the Future, <b>2011</b> , 36, 691-71	12.3	43
23	Hepatitis C virus infection and apoptosis. World Journal of Gastroenterology, 2007, 13, 4865-72	5.6	104
22	Hepatitis C virus-associated pruritus: Etiopathogenesis and therapeutic strategies. <i>World Journal of Gastroenterology</i> , <b>2017</b> , 23, 743-750	5.6	19
21	MiR-122 in hepatitis B virus and hepatitis C virus dual infection. <i>World Journal of Hepatology</i> , <b>2015</b> , 7, 498-506	3.4	13
20	PI3K/SHIP2/PTEN pathway in cell polarity and hepatitis C virus pathogenesis. <i>World Journal of Hepatology</i> , <b>2017</b> , 9, 18-29	3.4	8
19	LKB1/AMPK/mTOR signaling pathway in non-small-cell lung cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2013</b> , 14, 4033-9	1.7	60
18	Translational Regulation in Hepatocellular Carcinogenesis. <i>Drug Design, Development and Therapy</i> , <b>2021</b> , 15, 4359-4369	4.4	1
17	Molecular Pathogenesis of Hepatocellular Carcinoma. <b>2006</b> , 165-175		
16	Molecular Biology of Liver Carcinogenesis and Hepatitis. <b>2007</b> , 153-163		
15	Molecular Pathogenesis. <b>2009</b> , 9-25		1
14	Epigenetic Effects of Persistent Hepatitis C Virus Infection and Hepatocellular Carcinoma. <b>2010</b> , 129-14	45	
13	Signal Transduction of Hepatocellular Carcinoma. <b>2012</b> , 179-215		
12	Hepatitis C Virus Regulates its Replication by Maturing miR-122 Through Akt-Dependent Phosphorylation of KSRP.		
11	PI3K, PTEN and Akt. <b>2005</b> , 239-257		
10	Apoptosis in the Liver. <b>2009</b> , 73-91		
9	Liver FoxO1 overexpression is positively associated with the degree of liver injury in cirrhotic patients.		

8	Regulatory Role of Phospholipids in Hepatitis C Virus Replication and Protein Function <i>Pathogens</i> , <b>2022</b> , 11,	4.5	O
7	Repurposing Antifungals for Host-Directed Antiviral Therapy?. <i>Pharmaceuticals</i> , <b>2022</b> , 15,	5.2	O
6	Data_Sheet_1.zip. <b>2020</b> ,		
5	Viral hepatitis and hepatocellular carcinoma: From molecular pathways to the role of clinical surveillance and antiviral treatment. World Journal of Gastroenterology, 2022, 28, 2251-2281	5.6	2
4	13-Acetoxysarcocrassolide induces apoptosis in human hepatocellular carcinoma cells through mitochondrial dysfunction and suppression of the PI3K/AKT/mTOR/p70S6K signalling pathway. <b>2022</b> , 60, 2276-2285		O
3	Unraveling the Molecular Mechanisms Involved in HCV-Induced Carcinogenesis. <b>2022</b> , 14, 2762		О
2	Global Lipidome Profiling Revealed Multifaceted Role of Lipid Species in Hepatitis C Virus Replication, Assembly, and Host Antiviral Response. <b>2023</b> , 15, 464		O
1	Pathogenesis of Hepatocellular Carcinoma: The Interplay of Apoptosis and Autophagy. <b>2023</b> , 11, 1166		O