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## Hepatitis C virus NS5A: tales of a promiscuous protein

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#	Paper	IF	Citations
344	Genetic diversity and evolution of hepatitis C virus--15 years on. <i>Journal of General Virology</i> , <b>2004</b> , 85, 3173-3188	4.9	701
343	Current World Literature. <b>2005</b> , 18, 436-478		
342	Structure of the zinc-binding domain of an essential component of the hepatitis C virus replicase. <b>2005</b> , 435, 374-9		401
341	Unravelling hepatitis C virus replication from genome to function. <b>2005</b> , 436, 933-8		654
340	Evasion of intracellular host defence by hepatitis C virus. <b>2005</b> , 436, 939-45		524
339	Nonstructural protein 5A does not contribute to the resistance of hepatitis C virus replication to interferon alpha in cell culture. <b>2005</b> , 336, 131-6		15
338	N(pro) of classical swine fever virus is an antagonist of double-stranded RNA-mediated apoptosis and IFN-alpha/beta induction. <b>2005</b> , 340, 265-76		103
337	Function follows form: the structure of the N-terminal domain of HCV NS5A. <b>2005</b> , 42, 732-5		34
336	Hepatitis C virus genotype distribution in China: predominance of closely related subtype 1b isolates and existence of new genotype 6 variants. <b>2005</b> , 75, 538-49		123
335	Human VAP-B is involved in hepatitis C virus replication through interaction with NS5A and NS5B. <b>2005</b> , 79, 13473-82		162
334	Dynamics of hepatitis C virus NS5A quasispecies during interferon and ribavirin therapy in responder and non-responder patients with genotype 1b chronic hepatitis C. <i>Journal of General Virology</i> , <b>2005</b> , 86, 1067-1075	4.9	55
333	Hepatitis C virus NS5A-mediated activation of phosphoinositide 3-kinase results in stabilization of cellular beta-catenin and stimulation of beta-catenin-responsive transcription. <b>2005</b> , 79, 5006-16		118
332	Loss of interferon regulatory factor 3 in cells infected with classical swine fever virus involves the N-terminal protease, Npro. <b>2005</b> , 79, 7239-47		95
331	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
330	The therapeutic potential of NS3 protease inhibitors in HCV infection. <b>2005</b> , 14, 1129-44		41
329	Hepatitis C virus (HCV) NS5A protein downregulates HCV IRES-dependent translation. <i>Journal of General Virology</i> , <b>2005</b> , 86, 1015-1025	4.9	36
328	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

327	The transcriptome of HCV replicon expressing cell lines in the presence of alpha interferon. <b>2005</b> , 335, 264-75	25
326	Salient molecular features of hepatitis C virus revealed. <b>2005</b> , 13, 528-34	7
325	Replication and Pathogenesis of Hepatitis C Virus. <b>2006</b> , 125-147	1
324	Proteases in Gastrointestinal Tissues. <b>2006</b> ,	
323	Hepatitis C Viral Proteases And Inhibitors. <b>2006</b> , 153-181	1
322	Hepatitis C virus: virology and experimental systems. <b>2006</b> , 10, 773-91	4
321	The SH3 binding motif of HCV [corrected] NS5A protein interacts with Bin1 and is important for apoptosis and infectivity. <b>2006</b> , 130, 794-809	54
320	Hepatitis C virus NS5A protein--a master regulator?. <b>2006</b> , 130, 995-9	17
319	NMR structure and molecular dynamics of the in-plane membrane anchor of nonstructural protein 5A from bovine viral diarrhea virus. <b>2006</b> , 45, 2221-33	44
318	The protein phosphatase 2A represents a novel cellular target for hepatitis C virus NS5A protein. <b>2006</b> , 88, 651-62	30
317	. <b>2006</b> ,	59
316	Flaviviruses. <b>2006</b> , 274-303	
315	Hepatitis C virus RNA replication is regulated by FKBP8 and Hsp90. <b>2006</b> , 25, 5015-25	195
314	Oxidative stress and apoptosis in hepatitis C: the core issue. <b>2006</b> , 41, 292-4	5
313	A target on the move: innate and adaptive immune escape strategies of hepatitis C virus. <b>2006</b> , 69, 129-41	102
312	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
311	Understanding human immunodeficiency virus type 1 and hepatitis C virus coinfection. <b>2006</b> , 4, 21-30	15
310	HSV-1 based amplicon vectors as an alternative system for the expression of functional HCV proteins. <b>2006</b> , 6, 393-8	7

309	The alpha isoform of protein kinase CKI is responsible for hepatitis C virus NS5A hyperphosphorylation. <b>2006</b> , 80, 11305-12	68
308	Modulation of tumor necrosis factor by microbial pathogens. <b>2006</b> , 2, e4	148
307	Targets of emerging therapies for viral hepatitis B and C. <b>2006</b> , 10, 833-50	6
306	An 85-aa segment of the GB virus type C NS5A phosphoprotein inhibits HIV-1 replication in CD4+ Jurkat T cells. <b>2006</b> , 103, 15570-5	58
305	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. <b>2006</b> , 281, 13449-13462	16
304	Expression of GB virus C NS5A protein from genotypes 1, 2, 3 and 5 and a 30 aa NS5A fragment inhibit human immunodeficiency virus type 1 replication in a CD4+ T-lymphocyte cell line. <i>Journal of General Virology</i> , <b>2007</b> , 88, 3341-3346	4.9 24
303	Impact of NS5A sequences of Hepatitis C virus genotype 1a on early viral kinetics during treatment with peginterferon- alpha 2a plus ribavirin. <b>2007</b> , 196, 998-1005	16
302	Hepatitis C virus NS5A is a direct substrate of casein kinase I-alpha, a cellular kinase identified by inhibitor affinity chromatography using specific NS5A hyperphosphorylation inhibitors. <b>2007</b> , 282, 5536-44	70
301	Pretreatment sequence diversity differences in the full-length hepatitis C virus open reading frame correlate with early response to therapy. <b>2007</b> , 81, 8211-24	101
300	Hepatitis C virus: quasispecies dynamics, virus persistence and antiviral therapy. <b>2007</b> , 17, 499-510	
299	Discovering Inter-Domain Paths between Hepatitis C Virus NS5A and Human Liver Proteins. <b>2007</b> ,	
298	Nuclear factors are involved in hepatitis C virus RNA replication. <b>2007</b> , 13, 1675-92	129
297	Hepatitis C virus nonstructural protein 5A modulates the toll-like receptor-MyD88-dependent signaling pathway in macrophage cell lines. <b>2007</b> , 81, 8953-66	135
296	Studying hepatitis C virus: making the best of a bad virus. <b>2007</b> , 81, 8853-67	113
295	The nonstructural 5A protein of hepatitis C virus genotype 1b does not contain an interferon sensitivity-determining region. <b>2007</b> , 195, 432-41	27
294	Conserved determinants for membrane association of nonstructural protein 5A from hepatitis C virus and related viruses. <b>2007</b> , 81, 2745-57	30
293	Interferon-alpha and ribavirin resistance of Huh7 cells transfected with HCV subgenomic replicon. <b>2007</b> , 125, 109-13	10
292	Hepatitis C virus genetic variability in patients undergoing antiviral therapy. <b>2007</b> , 127, 185-94	21

291	The NS5A protein of hepatitis C virus represses gene expression of hRPB10alpha, a common subunit of host RNA polymerases, through interferon regulatory factor-1 binding site. <b>2007</b> , 129, 155-65	1
290	Regulation of positive-strand RNA virus replication: the emerging role of phosphorylation. <b>2007</b> , 129, 73-9	66
289	Heterogeneity of CK2 phosphorylation sites in the NS5A protein of different hepatitis C virus genotypes. <b>2007</b> , 47, 768-76	14
288	Viral Hepatitis. 819-956	
287	Hepatitis C virus proteins. <i>World Journal of Gastroenterology</i> , <b>2007</b> , 13, 2406-15	5.6 113
286	Identification of host genes involved in hepatitis C virus replication by small interfering RNA technology. <b>2007</b> , 45, 1413-21	115
285	Hepatitis C virus--biology, host evasion strategies, and promising new therapies on the horizon. <b>2007</b> , 27, 353-73	33
284	Hepatitis viruses: live and let die. <b>2007</b> , 27, 293-301	38
283	Evolution of hepatitis C virus non-structural 5A gene in the progression of liver disease to hepatocellular carcinoma. <b>2007</b> , 27, 1126-33	8
282	Diversity of hepatitis C virus genotype 1b in Buenos Aires, Argentina: description of a new cluster associated with response to treatment. <b>2008</b> , 80, 619-27	15
281	Heme oxygenase-1 suppresses hepatitis C virus replication and increases resistance of hepatocytes to oxidant injury. <b>2008</b> , 48, 1430-9	106
280	Genotype-dependent sensitivity of hepatitis C virus to inhibitors of the p7 ion channel. <b>2008</b> , 48, 1779-90	99
279	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
278	Viral evasion and subversion of pattern-recognition receptor signalling. <b>2008</b> , 8, 911-22	503
277	Monoclonal antibody recognizing N-terminal epitope of hepatitis C virus nonstructural 5B inhibits viral RNA replication. <b>2008</b> , 15, 305-13	4
276	Cutting the gordian knot-development and biological relevance of hepatitis C virus cell culture systems. <b>2008</b> , 71, 51-133	79
275	Disease progression in chronic hepatitis C: modifiable and nonmodifiable factors. <b>2008</b> , 134, 1699-714	163
274	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. <b>2008</b> , 5, 24	29

273	The non-structural 5A protein of hepatitis C virus exhibits genotypic differences in interferon antagonism. <b>2008</b> , 49, 899-907		18
272	HCV core protein interacts with Dicer to antagonize RNA silencing. <b>2008</b> , 133, 250-8		37
271	NS5ATP9, a gene up-regulated by HCV NS5A protein. <b>2008</b> , 259, 192-7		18
270	Viruses associated with human cancer. <b>2008</b> , 1782, 127-50		235
269	Enhanced Ca <sup>2+</sup> leak from ER Ca <sup>2+</sup> stores induced by hepatitis C NS5A protein. <b>2008</b> , 368, 593-9		20
268	Identification of residues required for RNA replication in domains II and III of the hepatitis C virus NS5A protein. <b>2008</b> , 82, 1073-83		171
267	A single-amino-acid mutation in hepatitis C virus NS5A disrupting FKBP8 interaction impairs viral replication. <b>2008</b> , 82, 3480-9		51
266	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
265	The role of hepatitis C virus in the pathogenesis of hepatocellular carcinoma. <b>2008</b> , 1, 167-175		10
264	Regulation of hepatitis C virion production via phosphorylation of the NS5A protein. <b>2008</b> , 4, e1000032		313
263	Essential role of domain III of nonstructural protein 5A for hepatitis C virus infectious particle assembly. <b>2008</b> , 4, e1000035		363
262	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
261	Regulation of telomerase and telomeres: human tumor viruses take control. <b>2008</b> , 100, 98-108		83
260	Apoptotic signaling pathways as a target for the treatment of liver diseases. <b>2008</b> , 8, 1485-93		5
259	New developments in the discovery of agents to treat hepatitis C. <b>2008</b> , 8, 533-62		31
258	Plus-Strand RNA Viruses. <b>2008</b> , 63-136		6
257	The hepatitis C virus non-structural NS5A protein impairs both the innate and adaptive hepatic immune response in vivo. <b>2009</b> , 284, 28343-28351		29
256	Activation of ribosomal RNA transcription by hepatitis C virus involves upstream binding factor phosphorylation via induction of cyclin D1. <b>2009</b> , 69, 2057-64		21

255	Viruses within the Flaviviridae decrease CD4 expression and inhibit HIV replication in human CD4+ cells. <b>2009</b> , 183, 7860-9	34
254	Suppression of a pro-apoptotic K <sup>+</sup> channel as a mechanism for hepatitis C virus persistence. <b>2009</b> , 106, 15903-8	56
253	Progress on New Hepatitis C Virus Targets: NS2 and NS5A. <b>2009</b> , 121-138	1
252	A conserved proline between domains II and III of hepatitis C virus NS5A influences both RNA replication and virus assembly. <b>2009</b> , 83, 10788-96	34
251	Hepatitis C virus NS5A protein is a substrate for the peptidyl-prolyl cis/trans isomerase activity of cyclophilins A and B. <b>2009</b> , 284, 13589-13601	134
250	Hepatitis C virus infection of T cells inhibits proliferation and enhances fas-mediated apoptosis by down-regulating the expression of CD44 splicing variant 6. <b>2009</b> , 199, 726-36	34
249	The marmoset model of GB virus B infections: adaptation to host phenotypic variation. <b>2009</b> , 83, 5806-14	14
248	Hepatitis C virus NS5A protein modulates template selection by the RNA polymerase in in vitro system. <b>2009</b> , 583, 277-80	9
247	Calpain activation by hepatitis C virus proteins inhibits the extrinsic apoptotic signaling pathway. <b>2009</b> , 50, 1370-9	29
246	Combined therapy of interferon plus ribavirin promotes multiple adaptive solutions in hepatitis C virus. <b>2009</b> , 81, 650-6	9
245	Characterization of monoclonal antibodies against the nonstructural 5A protein of hepatitis C virus. <b>2009</b> , 154, 843-51	3
244	Characterization and application of monoclonal antibodies to bovine viral diarrhea virus nonstructural protein 5A. <b>2009</b> , 154, 1745-54	3
243	Retracted: Genetic diversity in hepatitis C virus (HCV): A brief review. <b>2008</b> , 19,	5
242	Natural genetic engineering of hepatitis C virus NS5A for immune system counterattack. <b>2009</b> , 1178, 173-85	7
241	Quasispecies of hepatitis C virus genotype 1 and treatment outcome with peginterferon and ribavirin. <b>2009</b> , 9, 689-98	19
240	Targeting the non-structural proteins of hepatitis C virus: beyond hepatitis C virus protease and polymerase. <b>2009</b> , 4, 293-314	17
239	Compensatory mutations in NS3 and NS5A proteins enhance the virus production capability of hepatitis C reporter virus. <b>2009</b> , 145, 63-73	72
238	Hepatitis C virus-induced hepatocarcinogenesis. <b>2009</b> , 51, 810-20	114

237	Hepatitis C Virus Genome Replication. <b>2009</b> , 61-88		2
236	Purification and crystallization of NS5A domain I of hepatitis C virus. <b>2009</b> , 510, 85-94		4
235	Apoptosis: Involvement of Oxidative Stress and Intracellular Ca <sup>2+</sup> Homeostasi. <b>2009</b> ,		5
234	Hepatitis C. <b>2009</b> ,		2
233	From Molecules to Medicines. <b>2009</b> ,		
232	Molecular Biology of Hepatitis Viruses. 807-834		
231	The use of AlphaLISA technology to detect interaction between hepatitis C virus-encoded NS5A and cyclophilin A. <b>2010</b> , 165, 202-10		38
230	Evolution of hepatitis C virus NS5A region in breakthrough patients during pegylated interferon and ribavirin therapy*. <b>2010</b> , 17, 208-16		15
229	DNA immunization with a plasmid carrying the gene of hepatitis C virus protein 5A (NS5A) induces an effective cellular immune response. <b>2010</b> , 44, 245-253		10
228	Antiviral therapy for hepatitis C virus: beyond the standard of care. <b>2010</b> , 2, 826-66		35
227	DEB025 (Alisporivir) inhibits hepatitis C virus replication by preventing a cyclophilin A induced cis-trans isomerisation in domain II of NS5A. <i>PLoS ONE</i> , <b>2010</b> , 5, e13687	3-7	133
226	Sequencing of E2 and NS5A regions of HCV genotype 3a in Brazilian patients with chronic hepatitis. <b>2010</b> , 105, 92-8		8
225	New strategies for the treatment of hepatitis C virus infection and implications of resistance to new direct-acting antiviral agents. <b>2010</b> , 3, 133-45		3
224	All three domains of the hepatitis C virus nonstructural NS5A protein contribute to RNA binding. <b>2010</b> , 84, 9267-77		94
223	Bovine viral diarrhea virus non-structural protein 5A interacts with NIK- and IKKbeta-binding protein. <i>Journal of General Virology</i> , <b>2010</b> , 91, 1939-1948	4-9	26
222	Hepatitis C virus RNA replication is regulated by Ras-Erk signalling. <i>Journal of General Virology</i> , <b>2010</b> , 91, 671-80	4-9	19
221	Hepatitis C virus nonstructural protein 5A: biochemical characterization of a novel structural class of RNA-binding proteins. <b>2010</b> , 84, 12480-91		69
220	Resistance analysis of the hepatitis C virus NS5A inhibitor BMS-790052 in an in vitro replicon system. <b>2010</b> , 54, 3641-50		251



219	Tumor viruses and cancer biology: Modulating signaling pathways for therapeutic intervention. <b>2010</b> , 10, 961-78	90
218	Inhibition of hepatitis C virus replication by IFN-mediated ISGylation of HCV-NS5A. <b>2010</b> , 185, 4311-8	44
217	Prediction of prognostic biomarkers for interferon-based therapy to hepatitis C virus patients: a meta-analysis of the NS5A protein in subtypes 1a, 1b, and 3a. <b>2010</b> , 7, 130	14
216	Zinc mesoporphyrin induces rapid proteasomal degradation of hepatitis C nonstructural 5A protein in human hepatoma cells. <b>2010</b> , 138, 1909-19	24
215	Identification of hepatitis C virus NS5A inhibitors. <b>2010</b> , 84, 482-91	160
214	Dysfunctional gene/protein networks in hepatitis C virus-induced hepatocellular cirrhosis and carcinoma. <b>2010</b> ,	3
213	An integrated methodology for mining promiscuous proteins: a case study of an integrative bioinformatics approach for hepatitis C virus non-structural 5A protein. <b>2010</b> , 680, 299-305	2
212	The successful immune response against hepatitis C nonstructural protein 5A (NS5A) requires heterologous DNA/protein immunization. <b>2010</b> , 28, 1987-96	12
211	Advances in Computational Biology. <b>2010</b> ,	2
210	Hepatitis C virus non-structural protein 3 (HCV NS3): a multifunctional antiviral target. <b>2010</b> , 285, 22725-31	117
209	Distinct functions of NS5A in hepatitis C virus RNA replication uncovered by studies with the NS5A inhibitor BMS-790052. <b>2011</b> , 85, 7312-20	122
208	The NS5A replication complex inhibitors: difference makers?. <b>2011</b> , 15, 627-39	28
207	Anti-HCV drugs in the pipeline. <b>2011</b> , 1, 607-16	49
206	Chemical genetics. <b>2011</b> , 40, 4332-45	100
205	. <b>2011</b> ,	9
204	Modulation of programmed cell death pathways by the hepatitis C virus. <b>2011</b> , 16, 608-18	12
203	The NS5A Domain II of HCV: Conservation of Intrinsic Disorder in Several Genotypes. <b>2011</b> , 409-424	1
202	Hepatitis C virus p7: molecular function and importance in hepatitis C virus life cycle and potential antiviral target. <b>2011</b> , 31, 606-17	14

201	Hepatitis C viral protein translation: mechanisms and implications in developing antivirals. <b>2011</b> , 31, 1449-67	27
200	Cell defense systems against oxidative stress and endoplasmic reticulum stress: Mechanisms of regulation and the effect of hepatitis C virus. <b>2011</b> , 45, 110-122	9
199	Hepatitis C virus-induced furin and thrombospondin-1 activate TGF- $\beta$ : role of TGF- $\beta$ in HCV replication. <b>2011</b> , 412, 284-96	54
198	Chronic hepatitis C. <b>2011</b> , 5, 117-32	22
197	Comparative genomics identifies candidate genes for infectious salmon anemia (ISA) resistance in Atlantic salmon ( <i>Salmo salar</i> ). <b>2011</b> , 13, 232-41	46
196	Current Views on the Pathophysiology of GB Virus C Coinfection with HIV-1 Infection. <b>2011</b> , 13, 47-52	10
195	Genotypic and phenotypic analysis of variants resistant to hepatitis C virus nonstructural protein 5A replication complex inhibitor BMS-790052 in humans: in vitro and in vivo correlations. <b>2011</b> , 54, 1924-35	210
194	Multiple ascending dose study of BMS-790052, a nonstructural protein 5A replication complex inhibitor, in patients infected with hepatitis C virus genotype 1. <b>2011</b> , 54, 1956-65	162
193	Temporal variations in the hepatitis C virus intrahost population during chronic infection. <b>2011</b> , 85, 6369-80	65
192	Antiviral stilbene 1,2-diamines prevent initiation of hepatitis C virus RNA replication at the outset of infection. <b>2011</b> , 85, 5513-23	14
191	The role of Hepatitis C Virus in the dynamic protein interaction networks of hepatocellular cirrhosis and carcinoma. <b>2011</b> , 4, 5-18	12
190	Discovery of potent hepatitis C virus NS5A inhibitors with dimeric structures. <b>2011</b> , 55, 3795-802	46
189	The effects of NS5A inhibitors on NS5A phosphorylation, polyprotein processing and localization. <i>Journal of General Virology</i> , <b>2011</b> , 92, 2502-2511	4.9 52
188	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. <b>2012</b> , 287, 5042-58	37
187	GB virus type C infection polarizes T-cell cytokine gene expression toward a Th1 cytokine profile via NS5A protein expression. <b>2012</b> , 206, 69-72	8
186	Regulation of neuronal proapoptotic potassium currents by the hepatitis C virus nonstructural protein 5A. <b>2012</b> , 32, 8865-70	16
185	Multiple mutations in hepatitis C virus NS5A domain II are required to confer a significant level of resistance to alisporivir. <b>2012</b> , 56, 5113-21	37
184	Direct acting antivirals for the treatment of chronic viral hepatitis. <b>2012</b> , 2012, 478631	5

183	HCVNS days are numbered: next-generation direct-acting antivirals and host-targeting agents. <i>Antiviral Therapy</i> , <b>2012</b> , 17, 1133-46	1.6	5
182	Anti-hepatitis C virus drugs in development. <b>2012</b> , 142, 1340-1350.e1		75
181	Comprehensive analysis for viral elements and interleukin-28B polymorphisms in response to pegylated interferon plus ribavirin therapy in hepatitis C virus 1B infection. <b>2012</b> , 56, 1611-21		19
180	Classical swine fever virus NS5A protein localizes to endoplasmic reticulum and induces oxidative stress in vascular endothelial cells. <b>2012</b> , 45, 274-82		22
179	Effect on hepatitis C virus replication of combinations of direct-acting antivirals, including NS5A inhibitor daclatasvir. <b>2012</b> , 56, 5230-9		61
178	Hepatitis C viral protein NS5A induces EMT and participates in oncogenic transformation of primary hepatocyte precursors. <b>2012</b> , 57, 1021-8		56
177	NS5A: a new target for antiviral drugs in the treatment of hepatitis C virus infection. <b>2012</b> , 56, 797-9		7
176	Hepatitis C virus: the role of molecular mimicry in response to interferon treatment. <b>2012</b> , 84, 1571-85		2
175	Structural and molecular basis of interaction of HCV non-structural protein 5A with human casein kinase 1 $\alpha$ and PKR. <b>2012</b> , 12, 28		11
174	NS5A sequence heterogeneity of hepatitis C virus genotype 4a predicts clinical outcome of pegylated-interferon-ribavirin therapy in Egyptian patients. <b>2012</b> , 50, 3886-92		17
173	Therapeutic potential of RNA interference: a new molecular approach to antiviral treatment for hepatitis C. <b>2012</b> , 19, 757-65		21
172	NS5A Inhibitors. <b>2012</b> , 11, 181-187		
171	Polymorphisms of hepatitis C virus non-structural protein 5A and core protein and clinical outcome of pegylated-interferon/ribavirin combination therapy. <b>2012</b> , 55, 1-11		22
170	Chronic Hepatitis C Virus. <b>2012</b> ,		2
169	Order and disorder in viral proteins: new insights into an old paradigm. <b>2012</b> , 7, 1183-1191		7
168	Future classes of hepatitis C virus therapeutic agents. <b>2012</b> , 26, 949-66		2
167	New insights regarding HCV-NS5A structure/function and indication of genotypic differences. <b>2012</b> , 9, 14		10
166	Using SILAC and quantitative proteomics to investigate the interactions between viral and host proteomes. <b>2012</b> , 12, 666-72		50

165	Prediction of response to pegylated interferon/ribavirin combination therapy for chronic hepatitis C genotype 1b and high viral load. <b>2012</b> , 47, 1143-51	14
164	Impact of a baseline polymorphism on the emergence of resistance to the hepatitis C virus nonstructural protein 5A replication complex inhibitor, BMS-790052. <b>2012</b> , 55, 1692-9	45
163	The long way toward understanding host and viral determinants of therapeutic success in HCV infection. <b>2012</b> , 6, 436-40	1
162	RETRACTED ARTICLE: Bovine viral diarrhea virus nonstructural protein 5A is phosphorylated by cdc2 cyclin-dependent kinase in vitro. <b>2012</b> , 157, 797	
161	Longitudinal analysis of the 5'UTR, E2-PePHD and NS5A-PKRBD genomic regions of hepatitis C virus genotype 1a in association with the response to peginterferon and ribavirin therapy in HIV-coinfected patients. <b>2012</b> , 95, 72-81	8
160	New therapies for chronic hepatitis C infection: a systematic review of evidence from clinical trials. <b>2012</b> , 66, 342-55	48
159	Nonstructural 5A protein of hepatitis C virus regulates heat shock protein 72 for its own propagation. <b>2012</b> , 19, 353-63	11
158	Model membrane platforms for biomedicine: case study on antiviral drug development. <b>2012</b> , 7, 18	33
157	Characterizations of HCV NS5A replication complex inhibitors. <b>2013</b> , 444, 343-54	39
156	Impact of host and virus genome variability on HCV replication and response to interferon. <b>2013</b> , 3, 501-7	5
155	NS5A inhibitor, daclatasvir, for the treatment of chronic hepatitis C virus infection. <b>2013</b> , 22, 1337-46	27
154	Analysis of sequences of hepatitis C virus NS5A genotype 1 in HIV-coinfected patients with a null response to nitazoxanide or peg-interferon plus ribavirin. <b>2013</b> , 158, 1907-15	3
153	Identification of a previously undescribed divergent virus from the Flaviviridae family in an outbreak of equine serum hepatitis. <b>2013</b> , 110, E1407-15	111
152	Antiviral activity and resistance of HCV NS5A replication complex inhibitors. <b>2013</b> , 3, 514-20	116
151	The unexpected roles of eukaryotic translation elongation factors in RNA virus replication and pathogenesis. <b>2013</b> , 77, 253-66	68
150	Polymorphisms of the core, NS3, and NS5A proteins of hepatitis C virus genotype 1b associate with development of hepatocellular carcinoma. <b>2013</b> , 58, 555-63	23
149	Over-expression and characterization of NS3 and NS5A of Hepatitis C virus genotype 3a. <b>2013</b> , 12, 111	4
148	A synthetic codon-optimized hepatitis C virus nonstructural 5A DNA vaccine primes polyfunctional CD8+ T cell responses in wild-type and NS5A-transgenic mice. <b>2013</b> , 190, 1113-24	11

147	Hepatitis C and Hepatocellular Carcinoma. <b>2013</b> , 353-361		
146	Hepatitis C virus proteins: from structure to function. <b>2013</b> , 369, 113-42		189
145	Hepatitis C virus-specific directly acting antiviral drugs. <b>2013</b> , 369, 289-320		24
144	Modeling shows that the NS5A inhibitor daclatasvir has two modes of action and yields a shorter estimate of the hepatitis C virus half-life. <b>2013</b> , 110, 3991-6		254
143	Ca(2+) /S100 proteins regulate HCV virus NS5A-FKBP8/FKBP38 interaction and HCV virus RNA replication. <b>2013</b> , 33, 1008-18		8
142	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> , <b>2013</b> , 94, 1009-1018	4.9	36
141	The molecular and structural basis of advanced antiviral therapy for hepatitis C virus infection. <b>2013</b> , 11, 482-96		290
140	Regulation of hepatitis C virus replication by nuclear translocation of nonstructural 5A protein and transcriptional activation of host genes. <b>2013</b> , 87, 5523-39		17
139	Lipid droplet-binding protein TIP47 regulates hepatitis C Virus RNA replication through interaction with the viral NS5A protein. <b>2013</b> , 9, e1003302		79
138	A novel hepacivirus with an unusually long and intrinsically disordered NS5A protein in a wild Old World primate. <b>2013</b> , 87, 8971-81		73
137	Role of hepatitis C virus substitutions and interleukin-28B polymorphism on response to peginterferon plus ribavirin in a prospective study of response-guided therapy. <b>2013</b> , 20, 761-9		6
136	Daclatasvir, an efficient inhibitor of the hepatitis C virus replication complex protein NS5A: review of virologic data, treatment rationale and clinical trials. <b>2013</b> , 3, 191-207		6
135	An insight into the diagnosis and pathogenesis of hepatitis C virus infection. <i>World Journal of Gastroenterology</i> , <b>2013</b> , 19, 7896-909	5.6	43
134	[Interaction between HIV-1 and GB virus type-C during coinfection status]. <b>2013</b> , 30, 31-41		2
133	Active RNA replication of hepatitis C virus downregulates CD81 expression. <i>PLoS ONE</i> , <b>2013</b> , 8, e54866	3.7	6
132	Nonstructural 5A protein of hepatitis C virus interacts with pyruvate carboxylase and modulates viral propagation. <i>PLoS ONE</i> , <b>2013</b> , 8, e68170	3.7	7
131	Sensitivity of a ribavirin resistant mutant of hepatitis C virus to other antiviral drugs. <i>PLoS ONE</i> , <b>2013</b> , 8, e74027	3.7	4
130	GPS2 is required for the association of NS5A with VAP-A and hepatitis C virus replication. <i>PLoS ONE</i> , <b>2013</b> , 8, e78195	3.7	6

129	Resistance patterns associated with HCV NS5A inhibitors provide limited insight into drug binding. <b>2014</b> , 6, 4227-41	30
128	Fluoxetine a novel anti-hepatitis C virus agent via ROS-, JNK-, and PPAR $\alpha$ -dependent pathways. <b>2014</b> , 110, 158-67	18
127	Hepatitis C virus NS5A protein enhances gluconeogenesis through upregulation of Akt-/JNK-PEPCK signalling pathways. <b>2014</b> , 34, 1358-68	10
126	HCV NS5A co-operates with PKR in modulating HCV IRES-dependent translation. <b>2014</b> , 26, 113-22	8
125	Immunoreactivity assessment of hepatitis C virus NS3 protease and NS5A proteins expressed in TOPO cloning system. <b>2014</b> , 47, 282-91	4
124	The crystal structure of NS5A domain 1 from genotype 1a reveals new clues to the mechanism of action for dimeric HCV inhibitors. <b>2014</b> , 23, 723-34	80
123	Discovery and development of hepatitis C virus NS5A replication complex inhibitors. <b>2014</b> , 57, 1643-72	61
122	Structural disorder in viral proteins. <b>2014</b> , 114, 6880-911	133
121	Discovery of functionalized bisimidazoles bearing cyclic aliphatic-phenyl motifs as HCV NS5A inhibitors. <b>2014</b> , 24, 5731-5737	14
120	Potent bisimidazole-based HCV NS5A inhibitors bearing annulated tricyclic motifs. <b>2014</b> , 24, 5738-5742	4
119	Asymmetric binding to NS5A by daclatasvir (BMS-790052) and analogs suggests two novel modes of HCV inhibition. <b>2014</b> , 57, 10031-43	38
118	The intrinsic disorder status of the human hepatitis C virus proteome. <b>2014</b> , 10, 1345-63	52
117	A novel immuno-competitive capture mass spectrometry strategy for protein-protein interaction profiling reveals that LATS kinases regulate HCV replication through NS5A phosphorylation. <b>2014</b> , 13, 3040-8	13
116	Bioengineered vaults: self-assembling protein shell-lipophilic core nanoparticles for drug delivery. <b>2014</b> , 8, 7723-32	49
115	A unique phosphorylation-dependent eIF4E assembly on 40S ribosomes co-ordinated by hepatitis C virus protein NS5A that activates internal ribosome entry site translation. <b>2014</b> , 462, 291-302	7
114	Hepatitis C virus-induced hepatocyte cell death and protection by inhibition of apoptosis. <i>Journal of General Virology</i> , <b>2014</b> , 95, 2204-2215	4.9 22
113	Discovery of daclatasvir, a pan-genotypic hepatitis C virus NS5A replication complex inhibitor with potent clinical effect. <b>2014</b> , 57, 5057-71	77
112	Hepatitis C NS5A protein: two drug targets within the same protein with different mechanisms of resistance. <b>2014</b> , 8, 30-7	16

111	Approaches to hepatitis C treatment and cure using NS5A inhibitors. <b>2014</b> , 7, 41-56		45
110	Investigating genotype 1a HCV drug resistance in NS5A region via Bayesian inference. <b>2015</b> , 20, 484-490		
109	Viruses in cancer cell plasticity: the role of hepatitis C virus in hepatocellular carcinoma. <b>2015</b> , 19, A62-7		1
108	Hepatitis C. <b>2015</b> , 1904-1927.e9		4
107	Should NS5A inhibitors serve as the scaffold for all-oral anti-HCV combination therapies?. <b>2015</b> , 7, 11-20		2
106	In vitro and in vivo antiviral activity and resistance profile of ombitasvir, an inhibitor of hepatitis C virus NS5A. <b>2015</b> , 59, 979-87		116
105	Hepatitis C virus NS5A drives a PTEN-PI3K/Akt feedback loop to support cell survival. <b>2015</b> , 35, 1682-91		28
104	Identification of a duplicated V3 domain in NS5A associated with cirrhosis and hepatocellular carcinoma in HCV-1b patients. <b>2015</b> , 69, 203-9		4
103	Design and synthesis of imidazole N-H substituted amide prodrugs as inhibitors of hepatitis C virus replication. <b>2015</b> , 25, 3147-50		6
102	Downregulation of viral RNA translation by hepatitis C virus non-structural protein NS5A requires the poly(U/UC) sequence in the 3'UTR. <i>Journal of General Virology</i> , <b>2015</b> , 96, 2114-2121	4.9	12
101	Vinexin $\eta$ Interacts with Hepatitis C Virus NS5A, Modulating Its Hyperphosphorylation To Regulate Viral Propagation. <b>2015</b> , 89, 7385-400		5
100	Fast hepatitis C virus RNA elimination and NS5A redistribution by NS5A inhibitors studied by a multiplex assay approach. <b>2015</b> , 59, 3482-92		19
99	Resensitizing daclatasvir-resistant hepatitis C variants by allosteric modulation of NS5A. <b>2015</b> , 527, 245-8		37
98	Arginine 112 is involved in HCV translation modulation by NS5A domain I. <b>2015</b> , 465, 95-100		8
97	Critical role of Casein kinase 2 in hepatitis C NS5A-mediated inhibition of Kv2.1 K(+) channel function. <b>2015</b> , 609, 48-52		4
96	Hepatitis C virus NS5A: enigmatic but still promiscuous 10 years on!. <i>Journal of General Virology</i> , <b>2015</b> , 96, 727-738	4.9	108
95	Recent advances and future directions in the management of hepatitis C infections. <b>2015</b> , 145, 92-102		18
94	Efficacy and Safety of Daclatasvir in Hepatitis C: An Overview. <b>2016</b> , 4, 336-344		4

93	Genome-wide analysis for identification of adaptive diversification between hepatitis C virus subtypes 1a and 1b. <b>2016</b> , 62, 608-16	1
92	Synthesis of isotopically labeled daclatasvir for use in human clinical studies. <b>2016</b> , 59, 164-70	1
91	The Casein Kinase 2-Dependent Phosphorylation of NS5A Domain 3 from Hepatitis C Virus Followed by Time-Resolved NMR Spectroscopy. <b>2016</b> , 17, 328-33	4
90	Ankyrin Repeat Domain 1 is Up-regulated During Hepatitis C Virus Infection and Regulates Hepatitis C Virus Entry. <b>2016</b> , 6, 20819	12
89	The Combination of Grazoprevir, a Hepatitis C Virus (HCV) NS3/4A Protease Inhibitor, and Elbasvir, an HCV NS5A Inhibitor, Demonstrates a High Genetic Barrier to Resistance in HCV Genotype 1a Replicons. <b>2016</b> , 60, 2954-64	48
88	Preclinical Profile and Clinical Efficacy of a Novel Hepatitis C Virus NS5A Inhibitor, EDP-239. <b>2016</b> , 60, 6207-15	3
87	2015 Philip S. Portoghese Medicinal Chemistry Lectureship. Curing Hepatitis C Virus Infection with Direct-Acting Antiviral Agents: The Arc of a Medicinal Chemistry Triumph. <b>2016</b> , 59, 7311-51	29
86	Discovery of ravidasvir (PPI-668) as a potent pan-genotypic HCV NS5A inhibitor. <b>2016</b> , 26, 4508-4512	13
85	HCV NS5A replication complex inhibitors. <b>2016</b> , 30, 151-157	14
84	Hepatitis C virus NS5A protein interacts with lysine methyltransferase SET and MYND domain-containing 3 and induces activator protein 1 activation. <b>2016</b> , 60, 407-17	6
83	Emerging roles of interferon-stimulated genes in the innate immune response to hepatitis C virus infection. <b>2016</b> , 13, 11-35	66
82	Exploring the importance of zinc binding and steric/hydrophobic factors in novel HCV replication inhibitors. <b>2016</b> , 26, 1196-9	3
81	Daclatasvir-containing all-oral regimens for the treatment of hepatitis C virus infection. <b>2016</b> , 10, 258-66	7
80	Antiviral Activity and Resistance Profile of the Next-Generation Hepatitis C Virus NS5A Inhibitor Pibrentasvir. <b>2017</b> , 61,	96
79	Action and function of Wnt/ $\beta$ -catenin signaling in the progression from chronic hepatitis C to hepatocellular carcinoma. <b>2017</b> , 52, 419-431	40
78	NS5A inhibitors for the treatment of hepatitis C infection. <b>2017</b> , 24, 180-186	20
77	Unconjugated interferon-stimulated gene 15 specifically interacts with the hepatitis C virus NS5A protein via domain I. <b>2017</b> , 61, 287-292	5
76	Human single chain-transbodies that bound to domain-I of non-structural protein 5A (NS5A) of hepatitis C virus. <b>2017</b> , 7, 15042	8



75	Hepatitis C Virus NS5A Targets Nucleosome Assembly Protein NAP1L1 To Control the Innate Cellular Response. <b>2017</b> , 91,	14
74	Hepatitis C Virus Treatment. <b>2017</b> ,	
73	Resistance-Associated Variants in the NS5A Region of HCV and Methods for the Detection. <b>2017</b> , 25-32	
72	Epigenetics of Virus-Induced Tumors: Perspectives for Therapeutic Targeting. <b>2017</b> , 23, 4842-4861	2
71	Retinoid BMS411 (4-[[5,5-dimethyl-8-phenyl-5,6-dihydronaphthalen-2-yl] carbonyl] amino} benzoic acid), a potential inhibitor of NS5A protein of hepatitis C virus, a candidate for combined therapy of hepatitis C infection. <b>2017</b> , 61, 204-211	1
70	Cellular and molecular targets for the immunotherapy of hepatocellular carcinoma. <b>2018</b> , 437, 13-36	27
69	Dual inhibitors of hepatitis C virus and hepatocellular carcinoma: design, synthesis and docking studies. <b>2018</b> , 4, FSO252	6
68	Safety and efficacy of elbasvir/grazoprevir for the treatment of chronic hepatitis C: current evidence. <b>2018</b> , 12, 2749-2756	4
67	HCV adaptation to HIV coinfection. <b>2018</b> , 65, 216-225	1
66	Flaviviridae virus nonstructural proteins 5 and 5A mediate viral immune evasion and are promising targets in drug development. <b>2018</b> , 190, 1-14	7
65	NS5A as a Target for HCV Drug Discovery. <b>2019</b> , 3-25	1
64	Wnt/ECatenin Signaling in Liver Cancers. <b>2019</b> , 11,	58
63	The Discovery of Velpatasvir (GS-5816): The Potent Pan-Genotypic Once-Daily Oral HCV NS5A Inhibitor in the Single-Tablet Regimens Epclusa and Vosevi . <b>2019</b> , 81-110	
62	Modulation of calcium signaling pathway by hepatitis C virus core protein stimulates NLRP3 inflammasome activation. <b>2019</b> , 15, e1007593	46
61	Bayesian analysis of complex mutations in HBV, HCV, and HIV studies. <b>2019</b> , 2, 145-158	7
60	Hepatitis C Virus Non-Structural Protein 5A (NS5A) Disrupts Mitochondrial Dynamics and Induces Mitophagy. <b>2019</b> , 8,	29
59	Pathogenicity and Drug Resistance of Human Pathogens. <b>2019</b> ,	1
58	The Discovery and Development of Daclatasvir: An Inhibitor of the Hepatitis C Virus NS5A Replication Complex. <b>2019</b> , 27-55	1

57	Nonconjugated Hydrocarbons as Rigid-Linear Motifs: Isosteres for Material Sciences and Bioorganic and Medicinal Chemistry. <b>2019</b> , 25, 4590-4647		95
56	Evolution of efficacious pangenotypic hepatitis C virus therapies. <b>2019</b> , 39, 1091-1136		10
55	Intrinsically disordered proteins of viruses: Involvement in the mechanism of cell regulation and pathogenesis. <b>2020</b> , 174, 1-78		22
54	The Hepatitis C virus NS5A and core proteins exert antagonistic effects on HAMP gene expression: the hidden interplay with the MTF-1/MRE pathway. <b>2021</b> , 11, 237-250		0
53	HCV Virology. <b>2021</b> , 1-44		
52	To Explore the Potential Targets and Current Structure-based Design Strategies Utilizing Co-crystallized Ligand to Combat HCV. <b>2021</b> , 22, 590-604		1
51	Genetic Determinants in a Critical Domain of NS5A Correlate with Hepatocellular Carcinoma in Cirrhotic Patients Infected with HCV Genotype 1b. <b>2021</b> , 13,		0
50	Additional Inhibition of Wnt/ $\beta$ Catenin Signaling by Metformin in DAA Treatments as a Novel Therapeutic Strategy for HCV-Infected Patients. <b>2021</b> , 10,		0
49	Determination and structural characterization of ravidasvir metabolites by LC coupled to triple quadrupole linear ion trap MS: Application to pharmacokinetics and phase I metabolism in rats. <b>2021</b> , 35, e5146		1
48	Role of ORF4 in Hepatitis E virus regulation: analysis of intrinsically disordered regions. 1		2
47	The Discovery of Conformationally Constrained Bicyclic Peptidomimetics as Potent Hepatitis C NS5A Inhibitors. <b>2021</b> , 12, 1649-1655		1
46	Interferon-Induced Effector Proteins and Hepatitis C Virus Replication. <b>2008</b> , 106-129		1
45	Direct-Acting Antiviral Agents for the Treatment of Hepatitis C Virus Infection. <b>2017</b> , 553-627		0
44	Hepatitis C. <b>2010</b> , 2157-2185		4
43	Replication of Hepatitis C Virus. <b>2012</b> , 97-110		1
42	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
41	p53 controls hepatitis C virus non-structural protein 5A-mediated downregulation of GADD45 $\beta$ expression via the NF- $\kappa$ B and PI3K-Akt pathways. <i>Journal of General Virology</i> , <b>2013</b> , 94, 326-335	4.9	18
40	Discovery of SARS-CoV-2 antiviral synergy between remdesivir and approved drugs in human lung cells.		10

39	Characterization of a peptide domain within the GB virus C NS5A phosphoprotein that inhibits HIV replication. <i>PLoS ONE</i> , <b>2008</b> , 3, e2580	3.7	23
38	Sequence heterogeneity in NS5A of hepatitis C virus genotypes 2a and 2b and clinical outcome of pegylated-interferon/ribavirin therapy. <i>PLoS ONE</i> , <b>2012</b> , 7, e30513	3.7	16
37	Direct binding of ledipasvir to HCV NS5A: mechanism of resistance to an HCV antiviral agent. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122844	3.7	31
36	Natural non-homologous recombination led to the emergence of a duplicated V3-NS5A region in HCV-1b strains associated with hepatocellular carcinoma. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174651	3.7	1
35	Genetic diversity of the hepatitis C virus: impact and issues in the antiviral therapy. <i>World Journal of Gastroenterology</i> , <b>2007</b> , 13, 2416-26	5.6	72
34	Hepatitis C virus non-structural 5A abrogates signal transducer and activator of transcription-1 nuclear translocation induced by IFN-alpha through dephosphorylation. <i>World Journal of Gastroenterology</i> , <b>2007</b> , 13, 4080-4	5.6	12
33	Interaction of hepatitis C virus with the type I interferon system. <i>World Journal of Gastroenterology</i> , <b>2007</b> , 13, 4818-23	5.6	8
32	Hepatitis C virus infection and apoptosis. <i>World Journal of Gastroenterology</i> , <b>2007</b> , 13, 4865-72	5.6	104
31	Post-translational modifications of hepatitis C viral proteins and their biological significance. <i>World Journal of Gastroenterology</i> , <b>2013</b> , 19, 8929-39	5.6	23
30	Hepatitis C virus NS5A inhibitors and drug resistance mutations. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 2902-12	5.6	104
29	Understanding the interaction of hepatitis C virus with host DEAD-box RNA helicases. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 2913-26	5.6	23
28	Impact of hepatitis C virus heterogeneity on interferon sensitivity: an overview. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 7555-69	5.6	34
27	Viral proteins and Src family kinases: Mechanisms of pathogenicity from a "liaison dangereuse". <i>World Journal of Virology</i> , <b>2013</b> , 2, 71-8	6.9	22
26	Role of "dual-personality" fragments in HEV adaptation-analysis of Y-domain region. <i>Journal of Genetic Engineering and Biotechnology</i> , <b>2021</b> , 19, 154	3.1	1
25	Molecular Pathogenesis of Hepatocellular Carcinoma. <b>2006</b> , 165-175		
24	Hepatitis C Virus.		
23	HEPATITIS C VIRUS. <b>2009</b> , 2380-2394		
22	Hepatitis C Virus.		

21	Discovering Relationship between Hepatitis C Virus NS5A Protein and Interferon/Ribavirin Therapy. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 79-90	0.9	
20	Mutations and the Development of Anti-viral Resistance. <b>2012</b> , 227-249		
19	Overview of Hepatitis Viruses and Cancer. <b>2012</b> , 509-529		
18	Regulation of Innate Immunity by the Flaviviridae. 317-333		
17	. <b>2015</b> , 1,		
16	Hepatitis C Virus Infection. 1939-1957		
15	HCV Drug Resistance. <b>2017</b> , 579-609		
14	A new method of producing NS5A antigen of hepatitis C virus. <i>Voprosy Virusologii</i> , <b>2017</b> , 62, 17-25		
13	Hepatitis C Virus and Innate Interferon Response: Pathogen Biology, Drug Resistance, Novel Drug Targets, and Therapeutic Strategies. <b>2019</b> , 233-249		
12	Prognostic value and underlying mechanism of KIAA0101 in hepatocellular carcinoma: database mining and co-expression analysis. <i>Aging</i> , <b>2020</b> , 12, 16420-16436	5.6	3
11	Apoptosis in the Liver. <b>2009</b> , 73-91		
10	The characteristics of rare codon clusters in the genome and proteins of hepatitis C virus; a bioinformatics look. <i>Middle East Journal of Digestive Diseases</i> , <b>2014</b> , 6, 214-27	1.1	8
9	Analyzing the Effects of Pretreatment Diversity on HCV Drug Treatment Responsiveness Using Bayesian Partition methods. <b>2015</b> , 1, 1-6		
8	Paronychia Associated with Ledipasvir/Sofosbuvir for Hepatitis C Treatment. <i>Journal of Clinical and Aesthetic Dermatology</i> , <b>2019</b> , 12, 35-37	1.2	
7	The dark proteome of rodent hepatitis E virus: Analysis of intrinsically disordered regions. <i>Archives of Hepatitis Research</i> , <b>2022</b> , 8, 005-011	0.2	0
6	Hepatitis C Virus Nonstructural 5A Protein Interacts with Telomere Length Regulation Protein: Implications for Telomere Shortening in Patients Infected with HCV.. <i>Molecules and Cells</i> , <b>2021</b> ,	3.5	0
5	Dynamics of Apoptotic Activity during Antiviral Treatment of Patients with Chronic Hepatitis C. <i>Antiviral Therapy</i> , <b>2007</b> , 12, 779-787	1.6	6
4	A simple and sensitive HPLC-FL method for bioanalysis of velpatasvir, a novel hepatitis C virus NS5A inhibitor, in rat plasma: Investigation of factors determining its oral bioavailability. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2022</b> , 123399	3.2	0

- 3 Integrated analysis to study the interplay between post-translational modifications (PTM) in hepatitis C virus proteins and hepatocellular carcinoma (HCC) development. **2022**, 12, 1
- 2 Discovery of SARS-CoV-2 antiviral synergy between remdesivir and approved drugs in human lung cells. **2022**, 12, 0
- 1 WNT/ $\beta$ -catenin signaling in hepatocellular carcinoma: The aberrant activation, pathogenic roles, and therapeutic opportunities. **2023**, 0