

Ralf Bartenschlager

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405
papers

37,789
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98
h-index

184
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475
ext. papers

41,659
ext. citations

8.6
avg, IF

7.46
L-index

#	Paper	IF	Citations
405	Replication of subgenomic hepatitis C virus RNAs in a hepatoma cell line. <i>Science</i> , 1999 , 285, 110-3	32.2	2402
404	Production of infectious hepatitis C virus in tissue culture from a cloned viral genome. <i>Nature Medicine</i> , 2005 , 11, 791-6	49.4	2312
403	Cardif is an adaptor protein in the RIG-I antiviral pathway and is targeted by hepatitis C virus. <i>Nature</i> , 2005 , 437, 1167-72	47.5	1898
402	The lipid droplet is an important organelle for hepatitis C virus production. <i>Nature Cell Biology</i> , 2007 , 9, 1089-97	22.7	959
401	Composition and three-dimensional architecture of the dengue virus replication and assembly sites. <i>Cell Host and Microbe</i> , 2009 , 5, 365-75	22.9	742
400	Construction and characterization of infectious intragenotypic and intergenotypic hepatitis C virus chimeras. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 7408-13	11.2	598
399	Identification of the hepatitis C virus RNA replication complex in Huh-7 cells harboring subgenomic replicons. <i>Journal of Virology</i> , 2003 , 77, 5487-92	6.3	509
398	Replication of hepatitis C virus. <i>Microbiology (United Kingdom)</i> , 2000 , 81, 1631-48	2.9	483
397	Enhancement of hepatitis C virus RNA replication by cell culture-adaptive mutations. <i>Journal of Virology</i> , 2001 , 75, 4614-24	6.3	453
396	Biochemical properties of hepatitis C virus NS5B RNA-dependent RNA polymerase and identification of amino acid sequence motifs essential for enzymatic activity. <i>Journal of Virology</i> , 1997 , 71, 8416-28	6.3	424
395	Structures and distributions of SARS-CoV-2 spike proteins on intact virions. <i>Nature</i> , 2020 , 588, 498-502	47.5	423
394	Mutations in hepatitis C virus RNAs conferring cell culture adaptation. <i>Journal of Virology</i> , 2001 , 75, 1437-49	6.3	397
393	Recruitment and activation of a lipid kinase by hepatitis C virus NS5A is essential for integrity of the membranous replication compartment. <i>Cell Host and Microbe</i> , 2011 , 9, 32-45	22.9	386
392	Essential role of domain III of nonstructural protein 5A for hepatitis C virus infectious particle assembly. <i>PLoS Pathogens</i> , 2008 , 4, e1000035	7.4	362
391	Three-dimensional architecture and biogenesis of membrane structures associated with hepatitis C virus replication. <i>PLoS Pathogens</i> , 2012 , 8, e1003056	7.4	359
390	Assembly of infectious hepatitis C virus particles. <i>Trends in Microbiology</i> , 2011 , 19, 95-103	12	345
389	Characterization of the early steps of hepatitis C virus infection by using luciferase reporter viruses. <i>Journal of Virology</i> , 2006 , 80, 5308-20	6.3	343

388	Viral and cellular determinants of hepatitis C virus RNA replication in cell culture. <i>Journal of Virology</i> , 2003 , 77, 3007-19	6.3	336
387	Characterization of cell lines carrying self-replicating hepatitis C virus RNAs. <i>Journal of Virology</i> , 2001 , 75, 1252-64	6.3	311
386	The non-structural protein 4A of dengue virus is an integral membrane protein inducing membrane alterations in a 2K-regulated manner. <i>Journal of Biological Chemistry</i> , 2007 , 282, 8873-82	5.1	309
385	Persistent and transient replication of full-length hepatitis C virus genomes in cell culture. <i>Journal of Virology</i> , 2002 , 76, 4008-21	6.3	306
384	Kissing-loop interaction in the 3' end of the hepatitis C virus genome essential for RNA replication. <i>Journal of Virology</i> , 2005 , 79, 380-92	6.3	290
383	The molecular and structural basis of advanced antiviral therapy for hepatitis C virus infection. <i>Nature Reviews Microbiology</i> , 2013 , 11, 482-96	21.4	291
382	Biochemical and morphological properties of hepatitis C virus particles and determination of their lipidome. <i>Journal of Biological Chemistry</i> , 2011 , 286, 3018-32	5.1	273
381	Sequences in the 5' nontranslated region of hepatitis C virus required for RNA replication. <i>Journal of Virology</i> , 2001 , 75, 12047-57	6.3	267
380	Hepatitis C virus p7 protein is crucial for assembly and release of infectious virions. <i>PLoS Pathogens</i> , 2007 , 3, e103	7.4	263
379	Host-directed therapies for bacterial and viral infections. <i>Nature Reviews Drug Discovery</i> , 2018 , 17, 35-56	6.2	264
378	Interferon-gamma inhibits replication of subgenomic and genomic hepatitis C virus RNAs. <i>Hepatology</i> , 2002 , 35, 694-703	10.9	258
377	The non-immunosuppressive cyclosporin DEBIO-025 is a potent inhibitor of hepatitis C virus replication in vitro. <i>Hepatology</i> , 2006 , 43, 761-70	10.9	248
376	Quantitative analysis of the hepatitis C virus replication complex. <i>Journal of Virology</i> , 2005 , 79, 13594-605	6.3	233
375	Structure and function of the membrane anchor domain of hepatitis C virus nonstructural protein 5A. <i>Journal of Biological Chemistry</i> , 2004 , 279, 40835-43	5.1	231
374	Hepatitis C virus core triggers apoptosis in liver cells by inducing ER stress and ER calcium depletion. <i>Oncogene</i> , 2005 , 24, 4921-33	8.9	228
373	Genetic analysis of sequences in the 3' nontranslated region of hepatitis C virus that are important for RNA replication. <i>Journal of Virology</i> , 2002 , 76, 5326-38	6.3	224
372	Strategies to inhibit entry of HBV and HDV into hepatocytes. <i>Gastroenterology</i> , 2014 , 147, 48-64	7.9	229
371	Novel insights into hepatitis C virus replication and persistence. <i>Advances in Virus Research</i> , 2004 , 63, 71-180	10.2	216

370	Essential role of cyclophilin A for hepatitis C virus replication and virus production and possible link to polyprotein cleavage kinetics. <i>PLoS Pathogens</i> , 2009 , 5, e1000546	7.4	215
369	Mutations that permit efficient replication of hepatitis C virus RNA in Huh-7 cells prevent productive replication in chimpanzees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 14416-21	11.2	213
368	Hepatitis B virus with antigenically altered hepatitis B surface antigen is selected by high-dose hepatitis B immune globulin after liver transplantation. <i>Hepatology</i> , 1998 , 27, 254-63	10.9	213
367	SARS-CoV-2 structure and replication characterized by in situ cryo-electron tomography. <i>Nature Communications</i> , 2020 , 11, 5885	16.9	210
366	Scavenger receptor class B type I is a key host factor for hepatitis C virus infection required for an entry step closely linked to CD81. <i>Hepatology</i> , 2007 , 46, 1722-31	10.9	209
365	The lipid droplet binding domain of hepatitis C virus core protein is a major determinant for efficient virus assembly. <i>Journal of Biological Chemistry</i> , 2007 , 282, 37158-69	5.1	199
364	Subcellular localization and membrane topology of the Dengue virus type 2 Non-structural protein 4B. <i>Journal of Biological Chemistry</i> , 2006 , 281, 8854-63	5.1	197
363	Interferon-alpha inhibits hepatitis C virus subgenomic RNA replication by an MxA-independent pathway. <i>Journal of General Virology</i> , 2001 , 82, 723-733	4.7	195
362	Mutational analysis of hepatitis C virus nonstructural protein 5A: potential role of differential phosphorylation in RNA replication and identification of a genetically flexible domain. <i>Journal of Virology</i> , 2005 , 79, 3187-94	6.3	193
361	Viral immune modulators perturb the human molecular network by common and unique strategies. <i>Nature</i> , 2012 , 487, 486-90	47.5	191
360	Hepatitis C virus proteins: from structure to function. <i>Current Topics in Microbiology and Immunology</i> , 2013 , 369, 113-42	3.2	187
359	Membranous replication factories induced by plus-strand RNA viruses. <i>Viruses</i> , 2014 , 6, 2826-57	5.9	189
358	Architecture and biogenesis of plus-strand RNA virus replication factories. <i>World Journal of Virology</i> , 2013 , 2, 32-48	6.9	186
357	The level of CD81 cell surface expression is a key determinant for productive entry of hepatitis C virus into host cells. <i>Journal of Virology</i> , 2007 , 81, 588-98	6.3	184
356	Morphological and biochemical characterization of the membranous hepatitis C virus replication compartment. <i>Journal of Virology</i> , 2013 , 87, 10612-27	6.3	185
355	Hepatitis C virus RNA replication and assembly: living on the fat of the land. <i>Cell Host and Microbe</i> , 2014 , 16, 569-79	22.9	183
354	Critical Role of Type III Interferon in Controlling SARS-CoV-2 Infection in Human Intestinal Epithelial Cells. <i>Cell Reports</i> , 2020 , 32, 107863	10.3	182
353	Ultrastructural Characterization of Zika Virus Replication Factories. <i>Cell Reports</i> , 2017 , 18, 2113-2123	10.3	179

352	Analysis of hepatitis C virus superinfection exclusion by using novel fluorochrome gene-tagged viral genomes. <i>Journal of Virology</i> , 2007 , 81, 4591-603	6.3	173
351	Complex formation between the NS3 serine-type proteinase of the hepatitis C virus and NS4A and its importance for polyprotein maturation. <i>Journal of Virology</i> , 1995 , 69, 7519-28	6.3	171
350	High density lipoprotein inhibits hepatitis C virus-neutralizing antibodies by stimulating cell entry via activation of the scavenger receptor BI. <i>Journal of Biological Chemistry</i> , 2006 , 281, 18285-95	5.1	168
349	Rewiring cellular networks by members of the Flaviviridae family. <i>Nature Reviews Microbiology</i> , 2018 , 16, 125-142	21.4	160
348	miRNA-130a targets ATG2B and DICER1 to inhibit autophagy and trigger killing of chronic lymphocytic leukemia cells. <i>Cancer Research</i> , 2012 , 72, 1763-72	9.6	158
347	Novel cell culture systems for the hepatitis C virus. <i>Antiviral Research</i> , 2001 , 52, 1-17	10.5	157
346	A replicon-based bioassay for the measurement of interferons in patients with chronic hepatitis C. <i>Journal of Virological Methods</i> , 2003 , 110, 201-9	2.5	152
345	From structure to function: new insights into hepatitis C virus RNA replication. <i>Journal of Biological Chemistry</i> , 2006 , 281, 9833-6	5.1	151
344	Deregulation of miR-92a expression is implicated in hepatocellular carcinoma development. <i>Pathology International</i> , 2010 , 60, 351-7	1.8	148
343	Evidence for novel hepaciviruses in rodents. <i>PLoS Pathogens</i> , 2013 , 9, e1003438	7.4	146
342	Dengue Virus Perturbs Mitochondrial Morphodynamics to Dampen Innate Immune Responses. <i>Cell Host and Microbe</i> , 2016 , 20, 342-356	22.9	143
341	Structural and functional studies of nonstructural protein 2 of the hepatitis C virus reveal its key role as organizer of virion assembly. <i>PLoS Pathogens</i> , 2010 , 6, e1001233	7.4	142
340	Alternative approaches for efficient inhibition of hepatitis C virus RNA replication by small interfering RNAs. <i>Journal of Virology</i> , 2004 , 78, 3436-46	6.3	140
339	Cell culture adaptation of hepatitis C virus and in vivo viability of an adapted variant. <i>Journal of Virology</i> , 2007 , 81, 13168-79	6.3	138
338	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> , 2010 , 5, e13687	3.6	134
337	Hepatitis C virus NS5A protein is a substrate for the peptidyl-prolyl cis/trans isomerase activity of cyclophilins A and B. <i>Journal of Biological Chemistry</i> , 2009 , 284, 13589-13601	5.1	132
336	Characterization of the hepatitis C virus E2 epitope defined by the broadly neutralizing monoclonal antibody AP33. <i>Hepatology</i> , 2006 , 43, 592-601	10.9	133
335	Biochemical and kinetic analyses of NS5B RNA-dependent RNA polymerase of the hepatitis C virus. <i>Virology</i> , 1998 , 249, 108-18	3.5	132

334	Divergent roles of autophagy in virus infection. <i>Cells</i> , 2013 , 2, 83-104	7.6	130
333	Dynamic oscillation of translation and stress granule formation mark the cellular response to virus infection. <i>Cell Host and Microbe</i> , 2012 , 12, 71-85	22.9	131
332	Hepatitis C virus and host cell lipids: an intimate connection. <i>RNA Biology</i> , 2011 , 8, 258-69	4.7	126
331	Production of infectious hepatitis C virus in primary cultures of human adult hepatocytes. <i>Gastroenterology</i> , 2010 , 139, 1355-64	7.9	126
330	Targeting of hepatitis C virus core protein to mitochondria through a novel C-terminal localization motif. <i>Journal of Virology</i> , 2004 , 78, 7958-68	6.3	125
329	Hepatitis C virus replicons: potential role for drug development. <i>Nature Reviews Drug Discovery</i> , 2002 , 1, 911-6	62.2	124
328	Structural and functional characterization of nonstructural protein 2 for its role in hepatitis C virus assembly. <i>Journal of Biological Chemistry</i> , 2008 , 283, 28546-62	5.1	122
327	Daclatasvir-like inhibitors of NS5A block early biogenesis of hepatitis C virus-induced membranous replication factories, independent of RNA replication. <i>Gastroenterology</i> , 2014 , 147, 1094-105.e25	7.9	123
326	Modulation of hepatitis C virus NS5A hyperphosphorylation by nonstructural proteins NS3, NS4A, and NS4B. <i>Journal of Virology</i> , 1999 , 73, 7138-46	6.3	120
325	The origin of hepatitis C virus. <i>Current Topics in Microbiology and Immunology</i> , 2013 , 369, 1-15	3.2	120
324	A concerted action of hepatitis C virus p7 and nonstructural protein 2 regulates core localization at the endoplasmic reticulum and virus assembly. <i>PLoS Pathogens</i> , 2011 , 7, e1002144	7.4	118
323	Efficient trans-encapsidation of hepatitis C virus RNAs into infectious virus-like particles. <i>Journal of Virology</i> , 2008 , 82, 7034-46	6.3	118
322	Dengue Virus Non-structural Protein 1 Modulates Infectious Particle Production via Interaction with the Structural Proteins. <i>PLoS Pathogens</i> , 2015 , 11, e1005277	7.4	117
321	The hepatitis C virus RNA 3' untranslated region strongly enhances translation directed by the internal ribosome entry site. <i>Journal of Virology</i> , 2006 , 80, 11579-88	6.3	116
320	Antiviral effects of amantadine and iminosugar derivatives against hepatitis C virus. <i>Hepatology</i> , 2007 , 46, 330-8	10.9	117
319	Hepatitis C virus-replicating hepatocytes induce fibrogenic activation of hepatic stellate cells. <i>Gastroenterology</i> , 2005 , 129, 246-58	7.9	119
318	euHCVdb: the European hepatitis C virus database. <i>Nucleic Acids Research</i> , 2007 , 35, D363-6	19.4	116
317	The NS3/4A proteinase of the hepatitis C virus: unravelling structure and function of an unusual enzyme and a prime target for antiviral therapy. <i>Journal of Viral Hepatitis</i> , 1999 , 6, 165-81	3.4	112

316	Identification of type I and type II interferon-induced effectors controlling hepatitis C virus replication. <i>Hepatology</i> , 2012 , 56, 2082-93	10.9	110
315	Membrane association of the RNA-dependent RNA polymerase is essential for hepatitis C virus RNA replication. <i>Journal of Virology</i> , 2004 , 78, 13278-84	6.3	110
314	Flaviviridae Replication Organelles: Oh, What a Tangled Web We Weave. <i>Annual Review of Virology</i> , 2015 , 2, 289-310	14.1	109
313	Production of infectious genotype 1b virus particles in cell culture and impairment by replication enhancing mutations. <i>PLoS Pathogens</i> , 2009 , 5, e1000475	7.4	105
312	Hepatitis B and C virus coinfection: a novel model system reveals the absence of direct viral interference. <i>Hepatology</i> , 2009 , 50, 46-55	10.9	107
311	Hepatitis C virus RNA replication. <i>Current Topics in Microbiology and Immunology</i> , 2013 , 369, 167-98	3.2	102
310	Clearance of persistent hepatitis C virus infection in humanized mice using a claudin-1-targeting monoclonal antibody. <i>Nature Biotechnology</i> , 2015 , 33, 549-554	43.2	104
309	Role of annexin A2 in the production of infectious hepatitis C virus particles. <i>Journal of Virology</i> , 2010 , 84, 5775-89	6.3	99
308	Secretion of hepatitis C virus envelope glycoproteins depends on assembly of apolipoprotein B positive lipoproteins. <i>PLoS ONE</i> , 2009 , 4, e4233	3.6	100
307	The lipid kinase phosphatidylinositol-4 kinase III alpha regulates the phosphorylation status of hepatitis C virus NS5A. <i>PLoS Pathogens</i> , 2013 , 9, e1003359	7.4	100
306	A novel inhibitor of dengue virus replication that targets the capsid protein. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 15-25	5.6	98
305	Failure of innate and adaptive immune responses in controlling hepatitis C virus infection. <i>FEMS Microbiology Reviews</i> , 2012 , 36, 663-83	14.6	96
304	NS4B self-interaction through conserved C-terminal elements is required for the establishment of functional hepatitis C virus replication complexes. <i>Journal of Virology</i> , 2011 , 85, 6963-76	6.3	96
303	Endoplasmic Reticulum: The Favorite Intracellular Niche for Viral Replication and Assembly. <i>Viruses</i> , 2016 , 8,	5.9	96
302	An orthogonal proteomic survey uncovers novel Zika virus host factors. <i>Nature</i> , 2018 , 561, 253-257	47.5	95
301	Analysis of CD8+ T-cell-mediated inhibition of hepatitis C virus replication using a novel immunological model. <i>Gastroenterology</i> , 2009 , 136, 1391-401	7.9	96
300	Synthesis and biological evaluation of β -ketoamides as inhibitors of the Dengue virus protease with antiviral activity in cell-culture. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 4067-74	3.2	96
299	MAP-kinase regulated cytosolic phospholipase A2 activity is essential for production of infectious hepatitis C virus particles. <i>PLoS Pathogens</i> , 2012 , 8, e1002829	7.4	93

298	Mouse hepatic cells support assembly of infectious hepatitis C virus particles. <i>Gastroenterology</i> , 2011 , 141, 1057-66	7.9	94
297	The heme oxygenase 1 product biliverdin interferes with hepatitis C virus replication by increasing antiviral interferon response. <i>Hepatology</i> , 2010 , 51, 398-404	10.9	93
296	Cyclosporine A inhibits hepatitis C virus nonstructural protein 2 through cyclophilin A. <i>Hepatology</i> , 2009 , 50, 1638-45	10.9	95
295	Critical challenges and emerging opportunities in hepatitis C virus research in an era of potent antiviral therapy: Considerations for scientists and funding agencies. <i>Virus Research</i> , 2018 , 248, 53-62	6.2	93
294	Molecular mechanism of signal perception and integration by the innate immune sensor retinoic acid-inducible gene-I (RIG-I). <i>Journal of Biological Chemistry</i> , 2011 , 286, 27278-87	5.1	91
293	Hepatitis C virus escape from the interferon regulatory factor 3 pathway by a passive and active evasion strategy. <i>Hepatology</i> , 2007 , 46, 1365-74	10.9	89
292	Hepatitis C virus molecular clones and their replication capacity in vivo and in cell culture. <i>Virus Research</i> , 2007 , 127, 195-207	6.2	90
291	HBV Bypasses the Innate Immune Response and Does Not Protect HCV From Antiviral Activity of Interferon. <i>Gastroenterology</i> , 2018 , 154, 1791-1804.e22	7.9	88
290	Apolipoprotein E likely contributes to a maturation step of infectious hepatitis C virus particles and interacts with viral envelope glycoproteins. <i>Journal of Virology</i> , 2014 , 88, 12422-37	6.3	88
289	Deciphering the Origin and Evolution of Hepatitis B Viruses by Means of a Family of Non-enveloped Fish Viruses. <i>Cell Host and Microbe</i> , 2017 , 22, 387-399.e6	22.9	87
288	Three-dimensional architecture of tick-borne encephalitis virus replication sites and trafficking of the replicated RNA. <i>Journal of Virology</i> , 2013 , 87, 6469-81	6.3	91
287	Characterization of hepatitis C virus particle subpopulations reveals multiple usage of the scavenger receptor BI for entry steps. <i>Journal of Biological Chemistry</i> , 2012 , 287, 31242-57	5.1	88
286	Activation of Type I and III Interferon Response by Mitochondrial and Peroxisomal MAVS and Inhibition by Hepatitis C Virus. <i>PLoS Pathogens</i> , 2015 , 11, e1005264	7.4	85
285	Domain 3 of NS5A protein from the hepatitis C virus has intrinsic alpha-helical propensity and is a substrate of cyclophilin A. <i>Journal of Biological Chemistry</i> , 2011 , 286, 20441-54	5.1	85
284	Identification of determinants involved in initiation of hepatitis C virus RNA synthesis by using intergenotypic replicase chimeras. <i>Journal of Virology</i> , 2007 , 81, 5270-83	6.3	84
283	Thiazolidinone-peptide hybrids as dengue virus protease inhibitors with antiviral activity in cell culture. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 8389-403	8	86
282	Virion assembly and release. <i>Current Topics in Microbiology and Immunology</i> , 2013 , 369, 199-218	3.2	84
281	Loss of viral fitness and cross-recognition by CD8+ T cells limit HCV escape from a protective HLA-B27-restricted human immune response. <i>Journal of Clinical Investigation</i> , 2009 , 119, 376-86	15.4	85

280	Dengue virus- and hepatitis C virus-induced replication and assembly compartments: the enemy inside--caught in the web. <i>Journal of Virology</i> , 2014 , 88, 5907-11	6.3	84
279	Hepatitis C virus replication cycle. <i>Journal of Hepatology</i> , 2010 , 53, 583-5	3.1	83
278	Peptide-Boronic Acid Inhibitors of Flaviviral Proteases: Medicinal Chemistry and Structural Biology. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 511-516	8	84
277	Efficient hepatitis C virus cell culture system: what a difference the host cell makes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 9739-40	11.2	83
276	A plant-derived flavonoid inhibits entry of all HCV genotypes into human hepatocytes. <i>Gastroenterology</i> , 2012 , 143, 213-22.e5	7.9	81
275	Relation between viral fitness and immune escape within the hepatitis C virus protease. <i>Gut</i> , 2006 , 55, 266-74	18.6	81
274	Novel dengue virus NS2B/NS3 protease inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 1100-9	5.6	80
273	A major determinant of cyclophilin dependence and cyclosporine susceptibility of hepatitis C virus identified by a genetic approach. <i>PLoS Pathogens</i> , 2010 , 6, e1001118	7.4	80
272	Efficient rescue of hepatitis C virus RNA replication by trans-complementation with nonstructural protein 5A. <i>Journal of Virology</i> , 2005 , 79, 896-909	6.3	80
271	Interferon type I gene expression in chronic hepatitis C. <i>Laboratory Investigation</i> , 2004 , 84, 1148-59	5.7	79
270	P117: Hepatitis C Virus mediates NRG1-dependent down-regulation of ErbB3, thereby modifies ErbB receptor family composition at the cell surface. <i>Journal of Viral Hepatitis</i> , 2015 , 22, 79-80	3.4	78
269	Role of the hepatitis C virus core+1 open reading frame and core cis-acting RNA elements in viral RNA translation and replication. <i>Journal of Virology</i> , 2008 , 82, 11503-15	6.3	78
268	Analysis of Hepatitis C Virus Superinfection Exclusion by Using Novel Fluorochrome Gene-Tagged Viral Genomes. <i>Journal of Virology</i> , 2007 , 81, 7327-7327	6.3	78
267	Geno2pheno[HCV] - A Web-based Interpretation System to Support Hepatitis C Treatment Decisions in the Era of Direct-Acting Antiviral Agents. <i>PLoS ONE</i> , 2016 , 11, e0155869	3.6	77
266	The hepatitis C virus RNA-dependent RNA polymerase membrane insertion sequence is a transmembrane segment. <i>Journal of Virology</i> , 2002 , 76, 13088-93	6.3	77
265	Selective stimulation of hepatitis C virus and pestivirus NS5B RNA polymerase activity by GTP. <i>Journal of Biological Chemistry</i> , 1999 , 274, 10807-15	5.1	77
264	Reconstitution of the entire hepatitis C virus life cycle in nonhepatic cells. <i>Journal of Virology</i> , 2012 , 86, 11919-25	6.3	76
263	Dissecting the interferon-induced inhibition of hepatitis C virus replication by using a novel host cell line. <i>Journal of Virology</i> , 2005 , 79, 13778-93	6.3	76

262	Hepatitis C virus RNA translation. <i>Current Topics in Microbiology and Immunology</i> , 2013 , 369, 143-66	3.2	76
261	Exploitation of cellular pathways by Dengue virus. <i>Current Opinion in Microbiology</i> , 2011 , 14, 470-5	7.7	73
260	Hepatitis C virus RNA replication is resistant to tumour necrosis factor-alpha. <i>Journal of General Virology</i> , 2003 , 84, 1253-1259	4.7	72
259	Interferon-stimulated genes and their role in controlling hepatitis C virus. <i>Journal of Hepatology</i> , 2013 , 59, 1331-41	3.1	72
258	Dengue Virus Inhibition of Autophagic Flux and Dependency of Viral Replication on Proteasomal Degradation of the Autophagy Receptor p62. <i>Journal of Virology</i> , 2015 , 89, 8026-41	6.3	69
257	Characterization of the mode of action of a potent dengue virus capsid inhibitor. <i>Journal of Virology</i> , 2014 , 88, 11540-55	6.3	69
256	Integrative Imaging Reveals SARS-CoV-2-Induced Reshaping of Subcellular Morphologies. <i>Cell Host and Microbe</i> , 2020 , 28, 853-866.e5	22.9	69
255	Comparative analysis of the lambda-interferons IL-28A and IL-29 regarding their transcriptome and their antiviral properties against hepatitis C virus. <i>PLoS ONE</i> , 2010 , 5, e15200	3.6	68
254	On the history of hepatitis C virus cell culture systems. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 1627-428		69
253	Nuclear localization of dengue virus nonstructural protein 5 does not strictly correlate with efficient viral RNA replication and inhibition of type I interferon signaling. <i>Journal of Virology</i> , 2013 , 87, 4545-57	6.3	67
252	Treatment of chronic hepatitis C: current and future. <i>Current Topics in Microbiology and Immunology</i> , 2013 , 369, 321-42	3.2	67
251	The interactomes of influenza virus NS1 and NS2 proteins identify new host factors and provide insights for ADAR1 playing a supportive role in virus replication. <i>PLoS Pathogens</i> , 2013 , 9, e1003440	7.4	66
250	Sustained delivery of siRNAs targeting viral infection by cell-degradable multilayered polyelectrolyte films. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 16320-5	11.2	66
249	The face of future hepatitis C antiviral drug development: recent biological and virologic advances and their translation to drug development and clinical practice. <i>Journal of Hepatology</i> , 2006 , 44, 411-21	3.1	70
248	Replication of the hepatitis C virus in cell culture. <i>Antiviral Research</i> , 2003 , 60, 91-102	10.5	66
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246	Cell culture systems for hepatitis C virus. <i>Current Topics in Microbiology and Immunology</i> , 2013 , 369, 17-48	3.2	65
245	Animal models for hepatitis C. <i>Current Topics in Microbiology and Immunology</i> , 2013 , 369, 49-86	3.2	64

244	Replication vesicles are load- and choke-points in the hepatitis C virus lifecycle. <i>PLoS Pathogens</i> , 2013 , 9, e1003561	7.4	63
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