Ralf Bartenschlager

List of Publications by Year
in descending order

405 papers	46,337 citations	1368 108 h-index	2323 199 g-index
475 all docs	475 docs citations	475 times ranked	29218 citing authors

#	Article	IF	Citations
1	Replication of Subgenomic Hepatitis C Virus RNAs in a Hepatoma Cell Line. Science, 1999, 285, 110-113.	6.0	2,615
2	Production of infectious hepatitis C virus in tissue culture from a cloned viral genome. Nature Medicine, 2005, 11, 791-796.	15.2	2,561
3	Cardif is an adaptor protein in the RIG-I antiviral pathway and is targeted by hepatitis C virus. Nature, 2005, 437, 1167-1172.	13.7	2,136
4	The lipid droplet is an important organelle for hepatitis C virus production. Nature Cell Biology, 2007, 9, 1089-1097.	4.6	1,083
5	Structures and distributions of SARS-CoV-2 spike proteins on intact virions. Nature, 2020, 588, 498-502.	13.7	918
6	Composition and Three-Dimensional Architecture of the Dengue Virus Replication and Assembly Sites. Cell Host and Microbe, 2009, 5, 365-375.	5.1	884
7	Construction and characterization of infectious intragenotypic and intergenotypic hepatitis C virus chimeras. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7408-7413.	3.3	651
8	Identification of the Hepatitis C Virus RNA Replication Complex in Huh-7 Cells Harboring Subgenomic Replicons. Journal of Virology, 2003, 77, 5487-5492.	1.5	558
9	Replication of hepatitis C virus. Microbiology (United Kingdom), 2000, 81, 1631-1648.	0.7	537
10	SARS-CoV-2 structure and replication characterized by in situ cryo-electron tomography. Nature Communications, 2020, 11, 5885.	5.8	514
11	Host-directed therapies for bacterial and viral infections. Nature Reviews Drug Discovery, 2018, 17, 35-56.	21.5	512
12	Enhancement of Hepatitis C Virus RNA Replication by Cell Culture-Adaptive Mutations. Journal of Virology, 2001, 75, 4614-4624.	1.5	482
13	Biochemical properties of hepatitis C virus NS5B RNA-dependent RNA polymerase and identification of amino acid sequence motifs essential for enzymatic activity. Journal of Virology, 1997, 71, 8416-8428.	1.5	481
14	Recruitment and Activation of a Lipid Kinase by Hepatitis C Virus NS5A Is Essential for Integrity of the Membranous Replication Compartment. Cell Host and Microbe, 2011, 9, 32-45.	5.1	435
15	Three-Dimensional Architecture and Biogenesis of Membrane Structures Associated with Hepatitis C Virus Replication. PLoS Pathogens, 2012, 8, e1003056.	2.1	429
16	Mutations in Hepatitis C Virus RNAs Conferring Cell Culture Adaptation. Journal of Virology, 2001, 75, 1437-1449.	1.5	421
17	Essential Role of Domain III of Nonstructural Protein 5A for Hepatitis C Virus Infectious Particle Assembly. PLoS Pathogens, 2008, 4, e1000035.	2.1	405
18	Assembly of infectious hepatitis C virus particles. Trends in Microbiology, 2011, 19, 95-103.	3.5	389

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19	The Non-structural Protein 4A of Dengue Virus Is an Integral Membrane Protein Inducing Membrane Alterations in a 2K-regulated Manner. Journal of Biological Chemistry, 2007, 282, 8873-8882.	1.6	374
20	Characterization of the Early Steps of Hepatitis C Virus Infection by Using Luciferase Reporter Viruses. Journal of Virology, 2006, 80, 5308-5320.	1.5	363
21	Viral and Cellular Determinants of Hepatitis C Virus RNA Replication in Cell Culture. Journal of Virology, 2003, 77, 3007-3019.	1.5	356
22	Characterization of Cell Lines Carrying Self-Replicating Hepatitis C Virus RNAs. Journal of Virology, 2001, 75, 1252-1264.	1.5	336
23	The molecular and structural basis of advanced antiviral therapy for hepatitis C virus infection. Nature Reviews Microbiology, 2013, 11, 482-496.	13.6	336
24	Persistent and Transient Replication of Full-Length Hepatitis C Virus Genomes in Cell Culture. Journal of Virology, 2002, 76, 4008-4021.	1.5	330
25	Kissing-Loop Interaction in the 3â€² End of the Hepatitis C Virus Genome Essential for RNA Replication. Journal of Virology, 2005, 79, 380-392.	1.5	320
26	Biochemical and Morphological Properties of Hepatitis C Virus Particles and Determination of Their Lipidome. Journal of Biological Chemistry, 2011, 286, 3018-3032.	1.6	308
27	Critical Role of Type III Interferon in Controlling SARS-CoV-2 Infection in Human Intestinal Epithelial Cells. Cell Reports, 2020, 32, 107863.	2.9	295
28	Strategies to Inhibit Entry of HBV and HDV Into Hepatocytes. Gastroenterology, 2014, 147, 48-64.	0.6	293
29	Hepatitis C Virus p7 Protein Is Crucial for Assembly and Release of Infectious Virions. PLoS Pathogens, 2007, 3, e103.	2.1	290
30	Sequences in the 5â€² Nontranslated Region of Hepatitis C Virus Required for RNA Replication. Journal of Virology, 2001, 75, 12047-12057.	1.5	289
31	Interferon-Î³ inhibits replication of subgenomic and genomic hepatitis C virus RNAs. Hepatology, 2002, 35, 694-703.	3.6	286
32	Rewiring cellular networks by members of the Flaviviridae family. Nature Reviews Microbiology, 2018, 16, 125-142.	13.6	283
33	Ultrastructural Characterization of Zika Virus Replication Factories. Cell Reports, 2017, 18, 2113-2123.	2.9	274
34	The non-immunosuppressive cyclosporin DEBIO-025 is a potent inhibitor of hepatitis C virus replicationin vitro. Hepatology, 2006, 43, 761-770.	3.6	272
35	Hepatitis C virus core triggers apoptosis in liver cells by inducing ER stress and ER calcium depletion. Oncogene, 2005, 24, 4921-4933.	2.6	254
36	Hepatitis B virus with antigenically altered hepatitis B surface antigen is selected by high-dose hepatitis B immune globulin after liver transplantation. Hepatology, 1998, 27, 254-263.	3.6	250

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37	Structure and Function of the Membrane Anchor Domain of Hepatitis C Virus Nonstructural Protein 5A. Journal of Biological Chemistry, 2004, 279, 40835-40843.	1.6	249
38	Viral immune modulators perturb the human molecular network by common and unique strategies. Nature, 2012, 487, 486-490.	13.7	249
39	Quantitative Analysis of the Hepatitis C Virus Replication Complex. Journal of Virology, 2005, 79, 13594-13605.	1.5	247
40	Genetic Analysis of Sequences in the 3â€² Nontranslated Region of Hepatitis C Virus That Are Important for RNA Replication. Journal of Virology, 2002, 76, 5326-5338.	1.5	246
41	Mutations that permit efficient replication of hepatitis C virus RNA in Huh-7 cells prevent productive replication in chimpanzees. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14416-14421.	3.3	244
42	Novel Insights into Hepatitis C Virus Replication and Persistence. Advances in Virus Research, 2004, 63, 71-180.	0.9	243
43	Essential Role of Cyclophilin A for Hepatitis C Virus Replication and Virus Production and Possible Link to Polyprotein Cleavage Kinetics. PLoS Pathogens, 2009, 5, e1000546.	2.1	233
44	Membranous Replication Factories Induced by Plus-Strand RNA Viruses. Viruses, 2014, 6, 2826-2857.	1.5	228
45	Hepatitis C Virus Proteins: From Structure to Function. Current Topics in Microbiology and Immunology, 2013, 369, 113-142.	0.7	227
46	Architecture and biogenesis of plus-strand RNA virus replication factories. World Journal of Virology, 2013, 2, 32.	1.3	227
47	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. Hepatology, 2007, 46, 1722-1731.	3.6	222
48	Subcellular Localization and Membrane Topology of the Dengue Virus Type 2 Non-structural Protein 4B. Journal of Biological Chemistry, 2006, 281, 8854-8863.	1.6	221
49	Morphological and Biochemical Characterization of the Membranous Hepatitis C Virus Replication Compartment. Journal of Virology, 2013, 87, 10612-10627.	1.5	220
50	Hepatitis C Virus RNA Replication and Assembly: Living on the Fat of the Land. Cell Host and Microbe, 2014, 16, 569-579.	5.1	220
51	The Lipid Droplet Binding Domain of Hepatitis C Virus Core Protein Is a Major Determinant for Efficient Virus Assembly. Journal of Biological Chemistry, 2007, 282, 37158-37169.	1.6	218
52	Integrative Imaging Reveals SARS-CoV-2-Induced Reshaping of Subcellular Morphologies. Cell Host and Microbe, 2020, 28, 853-866.e5.	5.1	213
53	Complex formation between the NS3 serine-type proteinase of the hepatitis C virus and NS4A and its importance for polyprotein maturation. Journal of Virology, 1995, 69, 7519-7528.	1.5	211
54	Interferon-Î± inhibits hepatitis C virus subgenomic RNA replication by an MxA-independent pathway. Journal of General Virology, 2001, 82, 723-733.	1.3	210

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55	Mutational Analysis of Hepatitis C Virus Nonstructural Protein 5A: Potential Role of Differential Phosphorylation in RNA Replication and Identification of a Genetically Flexible Domain. Journal of Virology, 2005, 79, 3187-3194.	1.5	208
56	Dengue Virus Perturbs Mitochondrial Morphodynamics to Dampen Innate Immune Responses. Cell Host and Microbe, 2016, 20, 342-356.	5.1	207
57	The Level of CD81 Cell Surface Expression Is a Key Determinant for Productive Entry of Hepatitis C Virus into Host Cells. Journal of Virology, 2007, 81, 588-598.	1.5	201
58	Analysis of Hepatitis C Virus Superinfection Exclusion by Using Novel Fluorochrome Gene-Tagged Viral Genomes. Journal of Virology, 2007, 81, 4591-4603.	1.5	198
59	Evidence for Novel Hepaciviruses in Rodents. PLoS Pathogens, 2013, 9, e1003438.	2.1	187
60	High Density Lipoprotein Inhibits Hepatitis C Virus-neutralizing Antibodies by Stimulating Cell Entry via Activation of the Scavenger Receptor BI. Journal of Biological Chemistry, 2006, 281, 18285-18295.	1.6	186
61	miRNA-130a Targets ATG2B and DICER1 to Inhibit Autophagy and Trigger Killing of Chronic Lymphocytic Leukemia Cells. Cancer Research, 2012, 72, 1763-1772.	0.4	185
62	Novel cell culture systems for the hepatitis C virus. Antiviral Research, 2001, 52, 1-17.	1.9	170
63	Deregulation of miRâ€92a expression is implicated in hepatocellular carcinoma development. Pathology International, 2010, 60, 351-357.	0.6	168
64	Dynamic Oscillation of Translation and Stress Granule Formation Mark the Cellular Response to Virus Infection. Cell Host and Microbe, 2012, 12, 71-85.	5.1	166
65	From Structure to Function: New Insights into Hepatitis C Virus RNA Replication. Journal of Biological Chemistry, 2006, 281, 9833-9836.	1.6	165
66	Dengue Virus Non-structural Protein 1 Modulates Infectious Particle Production via Interaction with the Structural Proteins. PLoS Pathogens, 2015, 11, e1005277.	2.1	165
67	Structural and Functional Studies of Nonstructural Protein 2 of the Hepatitis C Virus Reveal Its Key Role as Organizer of Virion Assembly. PLoS Pathogens, 2010, 6, e1001233.	2.1	162
68	A replicon-based bioassay for the measurement of interferons in patients with chronic hepatitis C. Journal of Virological Methods, 2003, 110, 201-209.	1.0	161
69	Alternative Approaches for Efficient Inhibition of Hepatitis C Virus RNA Replication by Small Interfering RNAs. Journal of Virology, 2004, 78, 3436-3446.	1.5	158
70	Divergent Roles of Autophagy in Virus Infection. Cells, 2013, 2, 83-104.	1.8	158
71	An orthogonal proteomic survey uncovers novel Zika virus host factors. Nature, 2018, 561, 253-257.	13.7	156
72	Flaviviridae Replication Organelles: Oh, What a Tangled Web We Weave. Annual Review of Virology, 2015, 2, 289-310.	3.0	154

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73	DEB025 (Alisporivir) Inhibits Hepatitis C Virus Replication by Preventing a Cyclophilin A Induced Cis-Trans Isomerisation in Domain II of NS5A. PLoS ONE, 2010, 5, e13687.	1.1	151
74	Characterization of the hepatitis C virus E2 epitope defined by the broadly neutralizing monoclonal antibody AP33. Hepatology, 2006, 43, 592-601.	3.6	150
75	Hepatitis C Virus NS5A Protein Is a Substrate for the Peptidyl-prolyl cis/trans Isomerase Activity of Cyclophilins A and B. Journal of Biological Chemistry, 2009, 284, 13589-13601.	1.6	149
76	The Origin of Hepatitis C Virus. Current Topics in Microbiology and Immunology, 2013, 369, 1-15.	0.7	149
77	Cell Culture Adaptation of Hepatitis C Virus and In Vivo Viability of an Adapted Variant. Journal of Virology, 2007, 81, 13168-13179.	1.5	147
78	Biochemical and Kinetic Analyses of NS5B RNA-Dependent RNA Polymerase of the Hepatitis C Virus. Virology, 1998, 249, 108-118.	1.1	144
79	Targeting of Hepatitis C Virus Core Protein to Mitochondria through a Novel C-Terminal Localization Motif. Journal of Virology, 2004, 78, 7958-7968.	1.5	144
80	Hepatitis C virus replicons: potential role for drug development. Nature Reviews Drug Discovery, 2002, 1, 911-916.	21.5	143
81	Hepatitis c virus and host cell lipids: An intimate connection. RNA Biology, 2011, 8, 258-269.	1.5	140
82	Hepatitis C Virus-Replicating Hepatocytes Induce Fibrogenic Activation of Hepatic Stellate Cells. Gastroenterology, 2005, 129, 246-258.	0.6	139
83	Production of Infectious Hepatitis C Virus in Primary Cultures of Human Adult Hepatocytes. Gastroenterology, 2010, 139, 1355-1364.e6.	0.6	139
84	Hepatitis B and C virus coinfection: A novel model system reveals the absence of direct viral interference. Hepatology, 2009, 50, 46-55.	3.6	138
85	Identification of type I and type II interferon-induced effectors controlling hepatitis C virus replication. Hepatology, 2012, 56, 2082-2093.	3.6	138
86	Structural and Functional Characterization of Nonstructural Protein 2 for Its Role in Hepatitis C Virus Assembly. Journal of Biological Chemistry, 2008, 283, 28546-28562.	1.6	135
87	Daclatasvir-Like Inhibitors of NS5A Block Early Biogenesis of Hepatitis C Virusâ€"Induced Membranous Replication Factories, Independent of RNA Replication. Gastroenterology, 2014, 147, 1094-1105.e25.	0.6	135
88	Modulation of Hepatitis C Virus NS5A Hyperphosphorylation by Nonstructural Proteins NS3, NS4A, and NS4B. Journal of Virology, 1999, 73, 7138-7146.	1.5	135
89	Endoplasmic Reticulum: The Favorite Intracellular Niche for Viral Replication and Assembly. Viruses, 2016, 8, 160.	1.5	134
90	Deciphering the Origin and Evolution of Hepatitis B Viruses by Means of a Family of Non-enveloped Fish Viruses. Cell Host and Microbe, 2017, 22, 387-399.e6.	5.1	134

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91	SARS-CoV-2 infection induces a pro-inflammatory cytokine response through cGAS-STING and NF-Î¹B. Communications Biology, 2022, 5, 45.	2.0	133
92	Efficient trans -Encapsidation of Hepatitis C Virus RNAs into Infectious Virus-Like Particles. Journal of Virology, 2008, 82, 7034-7046.	1.5	131
93	A Concerted Action of Hepatitis C Virus P7 and Nonstructural Protein 2 Regulates Core Localization at the Endoplasmic Reticulum and Virus Assembly. PLoS Pathogens, 2011, 7, e1002144.	2.1	130
94	Clearance of persistent hepatitis C virus infection in humanized mice using a claudin-1-targeting monoclonal antibody. Nature Biotechnology, 2015, 33, 549-554.	9.4	129
95	euHCVdb: the European hepatitis C virus database. Nucleic Acids Research, 2007, 35, D363-D366.	6.5	128
96	A Novel Inhibitor of Dengue Virus Replication That Targets the Capsid Protein. Antimicrobial Agents and Chemotherapy, 2013, 57, 15-25.	1.4	128
97	HBV Bypasses the Innate Immune Response and Does Not Protect HCV From Antiviral Activity of Interferon. Gastroenterology, 2018, 154, 1791-1804.e22.	0.6	128
98	The NS3/4A proteinase of the hepatitis C virus: unravelling structure and function of an unusual enzyme and a prime target for antiviral therapy. Journal of Viral Hepatitis, 1999, 6, 165-181.	1.0	127
99	Antiviral effects of amantadine and iminosugar derivatives against hepatitis C virus. Hepatology, 2007, 46, 330-338.	3.6	127
100	The Hepatitis C Virus RNA 3â€²-Untranslated Region Strongly Enhances Translation Directed by the Internal Ribosome Entry Site. Journal of Virology, 2006, 80, 11579-11588.	1.5	126
101	Activation of Type I and III Interferon Response by Mitochondrial and Peroxisomal MAVS and Inhibition by Hepatitis C Virus. PLoS Pathogens, 2015, 11, e1005264.	2.1	125
102	Critical challenges and emerging opportunities in hepatitis C virus research in an era of potent antiviral therapy: Considerations for scientists and funding agencies. Virus Research, 2018, 248, 53-62.	1.1	124
103	Prevalence of SARS-CoV-2 Infection in Children and Their Parents in Southwest Germany. JAMA Pediatrics, 2021, 175, 586.	3.3	124
104	Three-Dimensional Architecture of Tick-Borne Encephalitis Virus Replication Sites and Trafficking of the Replicated RNA. Journal of Virology, 2013, 87, 6469-6481.	1.5	123
105	Membrane Association of the RNA-Dependent RNA Polymerase Is Essential for Hepatitis C Virus RNA Replication. Journal of Virology, 2004, 78, 13278-13284.	1.5	121
106	Secretion of Hepatitis C Virus Envelope Glycoproteins Depends on Assembly of Apolipoprotein B Positive Lipoproteins. PLoS ONE, 2009, 4, e4233.	1.1	118
107	Synthesis and biological evaluation of Î±-ketoamides as inhibitors of the Dengue virus protease with antiviral activity in cell-culture. Bioorganic and Medicinal Chemistry, 2011, 19, 4067-4074.	1.4	117
108	Production of Infectious Genotype 1b Virus Particles in Cell Culture and Impairment by Replication Enhancing Mutations. PLoS Pathogens, 2009, 5, e1000475.	2.1	116

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109	Hepatitis C Virus RNA Replication. Current Topics in Microbiology and Immunology, 2013, 369, 167-198.	0.7	116
110	Role of Annexin A2 in the Production of Infectious Hepatitis C Virus Particles. Journal of Virology, 2010, 84, 5775-5789.	1.5	114
111	The heme oxygenase 1 product biliverdin interferes with hepatitis C virus replication by increasing antiviral interferon response. Hepatology, 2010, 51, 398-404.	3.6	113
112	Molecular Mechanism of Signal Perception and Integration by the Innate Immune Sensor Retinoic Acid-inducible Gene-I (RIG-I). Journal of Biological Chemistry, 2011, 286, 27278-27287.	1.6	112
113	A Plant-Derived Flavonoid Inhibits Entry of All HCV Genotypes Into Human Hepatocytes. Gastroenterology, 2012, 143, 213-222.e5.	0.6	111
114	MAP-Kinase Regulated Cytosolic Phospholipase A2 Activity Is Essential for Production of Infectious Hepatitis C Virus Particles. PLoS Pathogens, 2012, 8, e1002829.	2.1	110
115	Thiazolidinoneâ€“Peptide Hybrids as Dengue Virus Protease Inhibitors with Antiviral Activity in Cell Culture. Journal of Medicinal Chemistry, 2013, 56, 8389-8403.	2.9	110
116	The Lipid Kinase Phosphatidylinositol-4 Kinase III Alpha Regulates the Phosphorylation Status of Hepatitis C Virus NS5A. PLoS Pathogens, 2013, 9, e1003359.	2.1	110
117	Dengue Virus- and Hepatitis C Virus-Induced Replication and Assembly Compartments: the Enemy Insideâ€”Caught in the Web. Journal of Virology, 2014, 88, 5907-5911.	1.5	109
118	Cyclosporine A inhibits hepatitis C virus nonstructural protein 2 through cyclophilin A. Hepatology, 2009, 50, 1638-1645.	3.6	108
119	Analysis of CD8+ T-Cellâ€“Mediated Inhibition of Hepatitis C Virus Replication Using a Novel Immunological Model. Gastroenterology, 2009, 136, 1391-1401.	0.6	108
120	Novel Dengue Virus NS2B/NS3 Protease Inhibitors. Antimicrobial Agents and Chemotherapy, 2015, 59, 1100-1109.	1.4	108
121	Global analysis of protein-RNA interactions in SARS-CoV-2-infected cells reveals key regulators of infection. Molecular Cell, 2021, 81, 2851-2867.e7.	4.5	108
122	NS4B Self-Interaction through Conserved C-Terminal Elements Is Required for the Establishment of Functional Hepatitis C Virus Replication Complexes. Journal of Virology, 2011, 85, 6963-6976.	1.5	107
123	Peptideâ€“Boronic Acid Inhibitors of Flaviviral Proteases: Medicinal Chemistry and Structural Biology. Journal of Medicinal Chemistry, 2017, 60, 511-516.	2.9	105
124	Characterization of Hepatitis C Virus Particle Subpopulations Reveals Multiple Usage of the Scavenger Receptor BI for Entry Steps. Journal of Biological Chemistry, 2012, 287, 31242-31257.	1.6	104
125	Failure of innate and adaptive immune responses in controlling hepatitis C virus infection. FEMS Microbiology Reviews, 2012, 36, 663-683.	3.9	103
126	Apolipoprotein E Likely Contributes to a Maturation Step of Infectious Hepatitis C Virus Particles and Interacts with Viral Envelope Glycoproteins. Journal of Virology, 2014, 88, 12422-12437.	1.5	103

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127	Hepatitis C virus replication cycle. Journal of Hepatology, 2010, 53, 583-585.	1.8	101
128	Geno2pheno[HCV] â€“ A Web-based Interpretation System to Support Hepatitis C Treatment Decisions in the Era of Direct-Acting Antiviral Agents. PLoS ONE, 2016, 11, e0155869.	1.1	101
129	Hepatitis D virus replication is sensed by MDA5 and induces IFN-Î²/Î» responses in hepatocytes. Journal of Hepatology, 2018, 69, 25-35.	1.8	101
130	Hepatitis C virus escape from the interferon regulatory factor 3 pathway by a passive and active evasion strategy. Hepatology, 2007, 46, 1365-1374.	3.6	100
131	Mouse Hepatic Cells Support Assembly of Infectious Hepatitis C Virus Particles. Gastroenterology, 2011, 141, 1057-1066.	0.6	100
132	Dengue Virus Inhibition of Autophagic Flux and Dependency of Viral Replication on Proteasomal Degradation of the Autophagy Receptor p62. Journal of Virology, 2015, 89, 8026-8041.	1.5	100
133	Loss of viral fitness and cross-recognition by CD8+ T cells limit HCV escape from a protective HLA-B27â€“restricted human immune response. Journal of Clinical Investigation, 2009, 119, 376-86.	3.9	99
134	Domain 3 of NS5A Protein from the Hepatitis C Virus Has Intrinsic Î±-Helical Propensity and Is a Substrate of Cyclophilin A. Journal of Biological Chemistry, 2011, 286, 20441-20454.	1.6	98
135	Memory-like HCV-specific CD8+ T cells retain a molecular scar after cure of chronic HCV infection. Nature Immunology, 2021, 22, 229-239.	7.0	95
136	Hepatitis C virus molecular clones and their replication capacity in vivo and in cell culture. Virus Research, 2007, 127, 195-207.	1.1	93
137	Identification of Determinants Involved in Initiation of Hepatitis C Virus RNA Synthesis by Using Intergenotypic Replicase Chimeras. Journal of Virology, 2007, 81, 5270-5283.	1.5	92
138	Efficient hepatitis C virus cell culture system: What a difference the host cell makes. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9739-9740.	3.3	91
139	Role of the Hepatitis C Virus Core+1 Open Reading Frame and Core cis -Acting RNA Elements in Viral RNA Translation and Replication. Journal of Virology, 2008, 82, 11503-11515.	1.5	91
140	Virion Assembly and Release. Current Topics in Microbiology and Immunology, 2013, 369, 199-218.	0.7	91
141	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. PLoS Pathogens, 2013, 9, e1003440.	2.1	91
142	A pan-serotype dengue virusÂinhibitor targeting the NS3â€“NS4BÂinteraction. Nature, 2021, 598, 504-509.	13.7	90
143	A Major Determinant of Cyclophilin Dependence and Cyclosporine Susceptibility of Hepatitis C Virus Identified by a Genetic Approach. PLoS Pathogens, 2010, 6, e1001118.	2.1	89
144	Relation between viral fitness and immune escape within the hepatitis C virus protease. Gut, 2006, 55, 266-274.	6.1	88

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145	Hepatitis C Virus RNA Translation. Current Topics in Microbiology and Immunology, 2013, 369, 143-166.	0.7	88
146	Efficient Rescue of Hepatitis C Virus RNA Replication by trans-Complementation with Nonstructural Protein 5A. Journal of Virology, 2005, 79, 896-909.	1.5	86
147	Characterization of the Mode of Action of a Potent Dengue Virus Capsid Inhibitor. Journal of Virology, 2014, 88, 11540-11555.	1.5	86
148	Discovery of Nanomolar Dengue and West Nile Virus Protease Inhibitors Containing a 4-Benzyloxyphenylglycine Residue. Journal of Medicinal Chemistry, 2015, 58, 9354-9370.	2.9	86
149	Spatiotemporal Coupling of the Hepatitis C Virus Replication Cycle by Creating a Lipid Droplet-Proximal Membranous Replication Compartment. Cell Reports, 2019, 27, 3602-3617.e5.	2.9	86
150	Exploitation of cellular pathways by Dengue virus. Current Opinion in Microbiology, 2011, 14, 470-475.	2.3	85
151	Interferon-stimulated genes and their role in controlling hepatitis C virus. Journal of Hepatology, 2013, 59, 1331-1341.	1.8	85
152	Selective Stimulation of Hepatitis C Virus and Pestivirus NS5B RNA Polymerase Activity by GTP. Journal of Biological Chemistry, 1999, 274, 10807-10815.	1.6	84
153	Reconstitution of the Entire Hepatitis C Virus Life Cycle in Nonhepatic Cells. Journal of Virology, 2012, 86, 11919-11925.	1.5	83
154	Interferon type I gene expression in chronic hepatitis C. Laboratory Investigation, 2004, 84, 1148-1159.	1.7	82
155	The Hepatitis C Virus RNA-Dependent RNA Polymerase Membrane Insertion Sequence Is a Transmembrane Segment. Journal of Virology, 2002, 76, 13088-13093.	1.5	81
156	Dissecting the Interferon-Induced Inhibition of Hepatitis C Virus Replication by Using a Novel Host Cell Line. Journal of Virology, 2005, 79, 13778-13793.	1.5	81
157	Flavivirus Infection Uncouples Translation Suppression from Cellular Stress Responses. MBio, 2017, 8, .	1.8	81
158	Interleukinâ€32: A new proinflammatory cytokine involved in hepatitis C virusâ€related liver inflammation and fibrosis. Hepatology, 2011, 53, 1819-1829.	3.6	79
159	Nuclear Localization of Dengue Virus Nonstructural Protein 5 Does Not Strictly Correlate with Efficient Viral RNA Replication and Inhibition of Type I Interferon Signaling. Journal of Virology, 2013, 87, 4545-4557.	1.5	79
160	Treatment of Chronic Hepatitis C: Current and Future. Current Topics in Microbiology and Immunology, 2013, 369, 321-342.	0.7	79
161	Revisiting Dengue Virusâ€“Host Cell Interaction. Advances in Virus Research, 2014, 88, 1-109.	0.9	79
162	The face of future hepatitis C antiviral drug development: Recent biological and virologic advances and their translation to drug development and clinical practice. Journal of Hepatology, 2006, 44, 411-421.	1.8	78

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163	Interferonâ€inducible cholesterolâ€25â€hydroxylase restricts hepatitis C virus replication through blockage of membranous web formation. Hepatology, 2015, 62, 702-714.	3.6	78
164	Replication Vesicles are Load- and Choke-Points in the Hepatitis C Virus Lifecycle. PLoS Pathogens, 2013, 9, e1003561.	2.1	77
165	On the History of Hepatitis C Virus Cell Culture Systems. Journal of Medicinal Chemistry, 2014, 57, 1627-1642.	2.9	77
166	Chronic viral hepatitis and its association with liver cancer. Biological Chemistry, 2017, 398, 817-837.	1.2	77
167	Perilipin discerns chronic from acute hepatocellular steatosis. Journal of Hepatology, 2014, 60, 633-642.	1.8	76
168	Antiviral drug screen identifies DNA-damage response inhibitor as potent blocker of SARS-CoV-2 replication. Cell Reports, 2021, 35, 108940.	2.9	76
169	Molecular aspects of Dengue virus replication. Future Microbiology, 2008, 3, 155-165.	1.0	75
170	NS5A Domain 1 and Polyprotein Cleavage Kinetics Are Critical for Induction of Double-Membrane Vesicles Associated with Hepatitis C Virus Replication. MBio, 2015, 6, e00759.	1.8	75
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