

Jens Bukh

List of Publications by Year in descending order

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203
papers

18,448
citations

14614

66
h-index

12910

131
g-index

225
all docs

225
docs citations

225
times ranked

10985
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus proposals for a unified system of nomenclature of hepatitis C virus genotypes. <i>Hepatology</i> , 2005, 42, 962-973.	3.6	1,303
2	Expanded classification of hepatitis C virus into 7 genotypes and 67 subtypes: Updated criteria and genotype assignment web resource. <i>Hepatology</i> , 2014, 59, 318-327.	3.6	1,141
3	Nonlinear partial differential equations and applications: Genomic analysis of the host response to hepatitis C virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 15669-15674.	3.3	796
4	Genetic Heterogeneity of Hepatitis C Virus: Quasispecies and Genotypes. <i>Seminars in Liver Disease</i> , 1995, 15, 41-63.	1.8	774
5	Viral and immunological determinants of hepatitis C virus clearance, persistence, and disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 15661-15668.	3.3	581
6	ICTV Virus Taxonomy Profile: Flaviviridae. <i>Journal of General Virology</i> , 2017, 98, 2-3.	1.3	537
7	Transcripts from a single full-length cDNA clone of hepatitis C virus are infectious when directly transfected into the liver of a chimpanzee. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 8738-8743.	3.3	495
8	Classification, nomenclature, and database development for hepatitis C virus (HCV) and related viruses: proposals for standardization. <i>Archives of Virology</i> , 1998, 143, 2493-2503.	0.9	427
9	Sequence analysis of the 5' noncoding region of hepatitis C virus.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 4942-4946.	3.3	421
10	A virus discovery method incorporating DNase treatment and its application to the identification of two bovine parvovirus species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 11609-11614.	3.3	356
11	Genetic Epidemiology of Hepatitis C Virus throughout Egypt. <i>Journal of Infectious Diseases</i> , 2000, 182, 698-707.	1.9	336
12	Development and characterization of hepatitis C virus genotype 1-7 cell culture systems: Role of CD81 and scavenger receptor class B type I and effect of antiviral drugs. <i>Hepatology</i> , 2009, 49, 364-377.	3.6	333
13	Sequence analysis of the core gene of 14 hepatitis C virus genotypes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 8239-8243.	3.3	306
14	Human broadly neutralizing antibodies to the envelope glycoprotein complex of hepatitis C virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6205-6210.	3.3	306
15	In vitro assay for neutralizing antibody to hepatitis C virus: Evidence for broadly conserved neutralization epitopes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 14199-14204.	3.3	297
16	Proposed revision to the taxonomy of the genus Pestivirus, family Flaviviridae. <i>Journal of General Virology</i> , 2017, 98, 2106-2112.	1.3	264
17	The GB viruses: a review and proposed classification of GBV-A, GBV-C (HGV), and GBV-D in genus Pegivirus within the family Flaviviridae. <i>Journal of General Virology</i> , 2011, 92, 233-246.	1.3	251
18	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, 14416-14421.	3.3	244

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19	Evidence for cross-genotype neutralization of hepatitis C virus pseudo-particles and enhancement of infectivity by apolipoprotein C1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4560-4565.	3.3	231
20	Transcripts of a Chimeric cDNA Clone of Hepatitis C Virus Genotype 1b Are Infectious <i>In Vivo</i> . <i>Virology</i> , 1998, 244, 161-172.	1.1	205
21	The p7 polypeptide of hepatitis C virus is critical for infectivity and contains functionally important genotype-specific sequences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11646-11651.	3.3	204
22	Human Monoclonal Antibodies to a Novel Cluster of Conformational Epitopes on HCV E2 with Resistance to Neutralization Escape in a Genotype 2a Isolate. <i>PLoS Pathogens</i> , 2012, 8, e1002653.	2.1	201
23	The history of hepatitis C virus (HCV): Basic research reveals unique features in phylogeny, evolution and the viral life cycle with new perspectives for epidemic control. <i>Journal of Hepatology</i> , 2016, 65, S2-S21.	1.8	195
24	MicroRNA-122 antagonism against hepatitis C virus genotypes 1 and 6 and reduced efficacy by host RNA insertion or mutations in the HCV 5' UTR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4991-4996.	3.3	182
25	Hepatitis C Virus: An Infectious Molecular Clone of a Second Major Genotype (2a) and Lack of Viability of Intertypic 1a and 2a Chimeras. <i>Virology</i> , 1999, 262, 250-263.	1.1	169
26	Robust Hepatitis C Genotype 3a Cell Culture Releasing Adapted Intergenotypic 3a/2a (S52/JFH1) Viruses. <i>Gastroenterology</i> , 2007, 133, 1614-1626.	0.6	168
27	Development of JFH1-based cell culture systems for hepatitis C virus genotype 4a and evidence for cross-genotype neutralization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 997-1002.	3.3	167
28	A critical role for the chimpanzee model in the study of hepatitis C. <i>Hepatology</i> , 2004, 39, 1469-1475.	3.6	166
29	High Prevalence of Hepatitis C Virus (HCV) RNA in Dialysis Patients: Failure of Commercially Available Antibody Tests to Identify a Significant Number of Patients with HCV Infection. <i>Journal of Infectious Diseases</i> , 1993, 168, 1343-1348.	1.9	163
30	Advantages of a single-cycle production assay to study cell culture-adaptive mutations of hepatitis C virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4370-4375.	3.3	155
31	A Hepatitis C Virus (HCV) Vaccine Comprising Envelope Glycoproteins gpE1/gpE2 Derived from a Single Isolate Elicits Broad Cross-Genotype Neutralizing Antibodies in Humans. <i>PLoS ONE</i> , 2013, 8, e59776.	1.1	151
32	Isolation and Characterization of Broadly Neutralizing Human Monoclonal Antibodies to the E1 Glycoprotein of Hepatitis C Virus. <i>Journal of Virology</i> , 2008, 82, 966-973.	1.5	150
33	Vaccination of Chimpanzees With Plasmid DNA Encoding the Hepatitis C Virus (HCV) Envelope E2 Protein Modified the Infection After Challenge With Homologous Monoclonal HCV. <i>Hepatology</i> , 2000, 32, 618-625.	3.6	149
34	Proposed update to the taxonomy of the genera Hepacivirus and Pegivirus within the Flaviviridae family. <i>Journal of General Virology</i> , 2016, 97, 2894-2907.	1.3	139
35	Hepatitis C virus lacking the hypervariable region 1 of the second envelope protein is infectious and causes acute resolving or persistent infection in chimpanzees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 13318-13323.	3.3	136
36	Differential Efficacy of Protease Inhibitors Against HCV Genotypes 2a, 3a, 5a, and 6a NS3/4A Protease Recombinant Viruses. <i>Gastroenterology</i> , 2011, 141, 1067-1079.	0.6	134

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37	Recombinant HCV Variants With NS5A From Genotypes 1-7 Have Different Sensitivities to an NS5A Inhibitor but Not Interferon- α . <i>Gastroenterology</i> , 2011, 140, 1032-1042.e6.	0.6	132
38	Quasispecies in viral persistence and pathogenesis of hepatitis C virus. <i>Trends in Microbiology</i> , 1999, 7, 402-410.	3.5	130
39	Hypervariable Region 1 Differentially Impacts Viability of Hepatitis C Virus Strains of Genotypes 1 to 6 and Impairs Virus Neutralization. <i>Journal of Virology</i> , 2011, 85, 2224-2234.	1.5	128
40	Toward a Surrogate Model for Hepatitis C Virus: An Infectious Molecular Clone of the GB Virus-B Hepatitis Agent. <i>Virology</i> , 1999, 262, 470-478.	1.1	126
41	Polyclonal immunoglobulins from a chronic hepatitis C virus patient protect human liver-chimeric mice from infection with a homologous hepatitis C virus strain. <i>Hepatology</i> , 2008, 47, 1846-1855.	3.6	124
42	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.	1.1	124
43	Novel Infectious cDNA Clones of Hepatitis C Virus Genotype 3a (Strain S52) and 4a (Strain ED43): Genetic Analyses and <i>In Vivo</i> Pathogenesis Studies. <i>Journal of Virology</i> , 2010, 84, 5277-5293.	1.5	122
44	Neutralizing Monoclonal Antibodies against Hepatitis C Virus E2 Protein Bind Discontinuous Epitopes and Inhibit Infection at a Postattachment Step. <i>Journal of Virology</i> , 2011, 85, 7005-7019.	1.5	120
45	Efficient Replication of Genotype 3a and 4a Hepatitis C Virus Replicons in Human Hepatoma Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5365-5373.	1.4	117
46	Animal Models for the Study of Hepatitis C Virus Infection and Related Liver Disease. <i>Gastroenterology</i> , 2012, 142, 1279-1287.e3.	0.6	117
47	<i>In vivo</i> evaluation of the cross-genotype neutralizing activity of polyclonal antibodies against hepatitis C virus. <i>Hepatology</i> , 2011, 53, 755-762.	3.6	115
48	Highly efficient full-length hepatitis C virus genotype 1 (strain TN) infectious culture system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19757-19762.	3.3	109
49	Cooperativity in Virus Neutralization by Human Monoclonal Antibodies to Two Adjacent Regions Located at the Amino Terminus of Hepatitis C Virus E2 Glycoprotein. <i>Journal of Virology</i> , 2013, 87, 37-51.	1.5	109
50	A comprehensive system for consistent numbering of HCV sequences, proteins and epitopes. <i>Hepatology</i> , 2006, 44, 1355-1361.	3.6	105
51	Highly Efficient JFH1-Based Cell-Culture System for Hepatitis C Virus Genotype 5a: Failure of Homologous Neutralizing Antibody Treatment to Control Infection. <i>Journal of Infectious Diseases</i> , 2008, 198, 1756-1765.	1.9	101
52	Mouse models of acute and chronic hepacivirus infection. <i>Science</i> , 2017, 357, 204-208.	6.0	99
53	Hepatitis C Virus Cell-Cell Transmission and Resistance to Direct-Acting Antiviral Agents. <i>PLoS Pathogens</i> , 2014, 10, e1004128.	2.1	97
54	Vaccine-Induced Cross-Genotype Reactive Neutralizing Antibodies Against Hepatitis C Virus. <i>Journal of Infectious Diseases</i> , 2011, 204, 1186-1190.	1.9	91

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55	Efficacy of NS5A Inhibitors Against Hepatitis C Virus Genotypes 1-7 and Escape Variants. <i>Gastroenterology</i> , 2018, 154, 1435-1448.	0.6	89
56	Five New or Recently Discovered (GBV-A) Virus Species Are Indigenous to New World Monkeys and May Constitute a Separate Genus of the Flaviviridae. <i>Virology</i> , 1997, 229, 429-436.	1.1	88
57	Chapter 2 Cutting the Gordian Knot-Development and Biological Relevance of Hepatitis C Virus Cell Culture Systems. <i>Advances in Virus Research</i> , 2008, 71, 51-133.	0.9	88
58	Previously Infected Chimpanzees Are Not Consistently Protected against Reinfection or Persistent Infection after Reexposure to the Identical Hepatitis C Virus Strain. <i>Journal of Virology</i> , 2008, 82, 8183-8195.	1.5	81
59	Robust full-length hepatitis C virus genotype 2a and 2b infectious cultures using mutations identified by a systematic approach applicable to patient strains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1101-10.	3.3	78
60	Robust HCV Genotype 3a Infectious Cell Culture System Permits Identification of Escape Variants With Resistance to Sofosbuvir. <i>Gastroenterology</i> , 2016, 151, 973-985.e2.	0.6	78
61	Development and Application of Hepatitis C Reporter Viruses with Genotype 1 to 7 Core-Nonstructural Protein 2 (NS2) Expressing Fluorescent Proteins or Luciferase in Modified JFH1 NS5A. <i>Journal of Virology</i> , 2011, 85, 8913-8928.	1.5	77
62	Genetic and structural insights into broad neutralization of hepatitis C virus by human V _H 1-69 antibodies. <i>Science Advances</i> , 2019, 5, eaav1882.	4.7	77
63	THE MOLECULAR BIOLOGY OF HEPATITIS C VIRUS. <i>Clinics in Liver Disease</i> , 1999, 3, 693-716.	1.0	74
64	Host range studies of GB virus-B hepatitis agent, the closest relative of hepatitis C virus, in New World monkeys and chimpanzees. <i>Journal of Medical Virology</i> , 2001, 65, 694-697.	2.5	73
65	Breadth of neutralization and synergy of clinically relevant human monoclonal antibodies against HCV genotypes 1a, 1b, 2a, 2b, 2c, and 3a. <i>Hepatology</i> , 2014, 60, 1551-1562.	3.6	72
66	The quasispecies of hepatitis C virus and the host immune response. <i>Seminars in Immunopathology</i> , 1997, 19, 5-26.	4.0	70
67	Hypervariable region 1 shielding of hepatitis C virus is a main contributor to genotypic differences in neutralization sensitivity. <i>Hepatology</i> , 2016, 64, 1881-1892.	3.6	69
68	Challenge Pools of Hepatitis C Virus Genotypes 1-6 Prototype Strains: Replication Fitness and Pathogenicity in Chimpanzees and Human Liver-Chimeric Mouse Models. <i>Journal of Infectious Diseases</i> , 2010, 201, 1381-1389.	1.9	67
69	Efficient Culture Adaptation of Hepatitis C Virus Recombinants with Genotype-Specific Core-NS2 by Using Previously Identified Mutations. <i>Journal of Virology</i> , 2011, 85, 2891-2906.	1.5	67
70	The challenge of developing a vaccine against hepatitis C virus. <i>Journal of Hepatology</i> , 2002, 37, 684-695.	1.8	64
71	Highly efficient infectious cell culture of three hepatitis C virus genotype 2b strains and sensitivity to lead protease, nonstructural protein 5A, and polymerase inhibitors. <i>Hepatology</i> , 2014, 59, 395-407.	3.6	63
72	Comparative analysis of the molecular mechanisms of recombination in hepatitis C virus. <i>Trends in Microbiology</i> , 2014, 22, 354-364.	3.5	63

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73	Studies of Hepatitis C Virus in Chimpanzees and Their Importance for Vaccine Development. <i>Intervirology</i> , 2001, 44, 132-142.	1.2	59
74	Hepatitis C Virus Subtyping by a Core-Envelope 1-Based Reverse Transcriptase PCR Assay with Sequencing and Its Use in Determining Subtype Distribution among Danish Patients. <i>Journal of Clinical Microbiology</i> , 2003, 41, 1091-1100.	1.8	59
75	How <i>Escherichia coli</i> can bias the results of molecular cloning: Preferential selection of defective genomes of hepatitis C virus during the cloning procedure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 13909-13914.	3.3	58
76	Differential Sensitivity of 5'UTR-NS5A Recombinants of Hepatitis C Virus Genotypes 1a-6 to Protease and NS5A Inhibitors. <i>Gastroenterology</i> , 2014, 146, 812-821.e4.	0.6	58
77	Overcoming Culture Restriction for SARS-CoV-2 in Human Cells Facilitates the Screening of Compounds Inhibiting Viral Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0009721.	1.4	58
78	Enhanced and Sustained CD8+ T Cell Responses with an Adenoviral Vector-Based Hepatitis C Virus Vaccine Encoding NS3 Linked to the MHC Class II Chaperone Protein Invariant Chain. <i>Journal of Immunology</i> , 2011, 186, 2355-2364.	0.4	57
79	Experimental Infection of Chimpanzees with Hepatitis C Virus of Genotype 5a: Genetic Analysis of the Virus and Generation of a Standardized Challenge Pool. <i>Journal of Infectious Diseases</i> , 1998, 178, 1193-1197.	1.9	56
80	In vitro efficacy of artemisinin-based treatments against SARS-CoV-2. <i>Scientific Reports</i> , 2021, 11, 14571.	1.6	53
81	Intragenotypic JFH1 based recombinant hepatitis C virus produces high levels of infectious particles but causes increased cell death. <i>Virology</i> , 2008, 376, 397-407.	1.1	52
82	In Vivo Study of the HC-TN Strain of Hepatitis C Virus Recovered from a Patient with Fulminant Hepatitis: RNA Transcripts of a Molecular Clone (pHC-TN) Are Infectious in Chimpanzees but Not in Huh7.5 Cells. <i>Journal of Virology</i> , 2007, 81, 7208-7219.	1.5	47
83	Neutralization resistance of hepatitis C virus can be overcome by recombinant human monoclonal antibodies. <i>Hepatology</i> , 2013, 58, 1587-1597.	3.6	47
84	Efficient Infectious Cell Culture Systems of the Hepatitis C Virus (HCV) Prototype Strains HCV-1 and H77. <i>Journal of Virology</i> , 2015, 89, 811-823.	1.5	47
85	Hepatitis C Virus Envelope Protein E2 Binds to CD81 of Tamarins. <i>Virology</i> , 2000, 277, 358-367.	1.1	46
86	Evolutionary Pathways to Persistence of Highly Fit and Resistant Hepatitis C Virus Protease Inhibitor Escape Variants. <i>Hepatology</i> , 2019, 70, 771-787.	3.6	46
87	Hypervariable Region 1 in Envelope Protein 2 of Hepatitis C Virus: A Linchpin in Neutralizing Antibody Evasion and Viral Entry. <i>Frontiers in Immunology</i> , 2018, 9, 2146.	2.2	45
88	Broadly neutralizing antibodies from an individual that naturally cleared multiple hepatitis C virus infections uncover molecular determinants for E2 targeting and vaccine design. <i>PLoS Pathogens</i> , 2019, 15, e1007772.	2.1	45
89	Hypervariable region 1 and N-linked glycans of hepatitis C regulate virion neutralization by modulating envelope conformations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10039-10047.	3.3	44
90	Amplification of the full-length hepatitis A virus genome by long reverse transcription-PCR and transcription of infectious RNA directly from the amplicon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 4370-4373.	3.3	43

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91	Productive Homologous and Non-homologous Recombination of Hepatitis C Virus in Cell Culture. <i>PLoS Pathogens</i> , 2013, 9, e1003228.	2.1	43
92	Hypervariable Region 1 Deletion and Required Adaptive Envelope Mutations Confer Decreased Dependency on Scavenger Receptor Class B Type I and Low-Density Lipoprotein Receptor for Hepatitis C Virus. <i>Journal of Virology</i> , 2014, 88, 1725-1739.	1.5	43
93	HCV Genotype 6a Escape From and Resistance to Velpatasvir, Pibrentasvir, and Sofosbuvir in Robust Infectious Cell Culture Models. <i>Gastroenterology</i> , 2018, 154, 2194-2208.e12.	0.6	41
94	Immunoglobulin with High-Titer <i>In Vitro</i> Cross-Neutralizing Hepatitis C Virus Antibodies Passively Protects Chimpanzees from Homologous, but Not Heterologous, Challenge. <i>Journal of Virology</i> , 2015, 89, 9128-9132.	1.5	40
95	Current status and future development of infectious cell-culture models for the major genotypes of hepatitis C virus: Essential tools in testing of antivirals and emerging vaccine strategies. <i>Antiviral Research</i> , 2018, 158, 264-287.	1.9	40
96	In vitro Characterization of Fitness and Convalescent Antibody Neutralization of SARS-CoV-2 Cluster 5 Variant Emerging in Mink at Danish Farms. <i>Frontiers in Microbiology</i> , 2021, 12, 698944.	1.5	40
97	Substitutions at NS3 Residue 155, 156, or 168 of Hepatitis C Virus Genotypes 2 to 6 Induce Complex Patterns of Protease Inhibitor Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7426-7436.	1.4	39
98	Characterization of Modified Hepatitis C Virus E2 Proteins Expressed on the Cell Surface. <i>Virology</i> , 2000, 274, 75-85.	1.1	38
99	HVR1-mediated antibody evasion of highly infectious <i>in vivo</i> adapted HCV in humanised mice. <i>Gut</i> , 2016, 65, 1988-1997.	6.1	38
100	DNA-based vaccination against hepatitis C virus (HCV): effect of expressing different forms of HCV E2 protein and use of CpG-optimized vectors in mice. <i>Vaccine</i> , 2002, 20, 3263-3271.	1.7	37
101	In Vivo Analysis of the 3' Untranslated Region of GB Virus B after In Vitro Mutagenesis of an Infectious cDNA Clone: Persistent Infection in a Transfected Tamarin. <i>Journal of Virology</i> , 2004, 78, 9389-9399.	1.5	37
102	Interleukin-28B polymorphisms are associated with hepatitis C virus clearance and viral load in a HIV-1-infected cohort. <i>Journal of Viral Hepatitis</i> , 2011, 18, e66-74.	1.0	36
103	Combination Treatment with Hepatitis C Virus Protease and NS5A Inhibitors Is Effective against Recombinant Genotype 1a, 2a, and 3a Viruses. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1291-1303.	1.4	35
104	Analysis of Functional Differences between Hepatitis C Virus NS5A of Genotypes 1-7 in Infectious Cell Culture Systems. <i>PLoS Pathogens</i> , 2012, 8, e1002696.	2.1	34
105	HCV genotype 1-6 NS3 residue 80 substitutions impact protease inhibitor activity and promote viral escape. <i>Journal of Hepatology</i> , 2019, 70, 388-397.	1.8	34
106	Antiviral Effect of Ribavirin against HCV Associated with Increased Frequency of G-to-A and C-to-U Transitions in Infectious Cell Culture Model. <i>Scientific Reports</i> , 2018, 8, 4619.	1.6	33
107	Antibody Responses to Immunization With HCV Envelope Glycoproteins as a Baseline for B-Cell-Based Vaccine Development. <i>Gastroenterology</i> , 2020, 158, 1058-1071.e6.	0.6	33
108	Functional analyses of GB virus B p13 protein: Development of a recombinant GB virus B hepatitis virus with a p7 protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3345-3350.	3.3	31

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109	Hepatitis C virus epitope exposure and neutralization by antibodies is affected by time and temperature. <i>Virology</i> , 2012, 422, 174-184.	1.1	29
110	Global and local envelope protein dynamics of hepatitis C virus determine broad antibody sensitivity. <i>Science Advances</i> , 2020, 6, eabb5938.	4.7	29
111	Transmission of Clonal Hepatitis C Virus Genomes Reveals the Dominant but Transitory Role of CD8 ⁺ T Cells in Early Viral Evolution. <i>Journal of Virology</i> , 2011, 85, 11833-11845.	1.5	28
112	Hepatitis C Virus Protease Inhibitors Show Differential Efficacy and Interactions with Remdesivir for Treatment of SARS-CoV-2 <i>In Vitro</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0268020.	1.4	28
113	Development of a TaqMan assay for the six major genotypes of hepatitis C virus: Comparison with commercial assays. <i>Journal of Medical Virology</i> , 2008, 80, 72-79.	2.5	27
114	Adaptive Mutations Enhance Assembly and Cell-to-Cell Transmission of a High-Titer Hepatitis C Virus Genotype 5a Core-NS2 JFH1-Based Recombinant. <i>Journal of Virology</i> , 2015, 89, 7758-7775.	1.5	26
115	An alternate conformation of HCV E2 neutralizing face as an additional vaccine target. <i>Science Advances</i> , 2020, 6, eabb5642.	4.7	26
116	Identification of Alpha Interferon-Induced Envelope Mutations of Hepatitis C Virus <i>In Vitro</i> Associated with Increased Viral Fitness and Interferon Resistance. <i>Journal of Virology</i> , 2013, 87, 12776-12793.	1.5	25
117	Hepatitis C Virus Genotype 1 to 6 Protease Inhibitor Escape Variants: <i>In Vitro</i> Selection, Fitness, and Resistance Patterns in the Context of the Infectious Viral Life Cycle. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3563-3578.	1.4	25
118	A milestone for hepatitis C virus research: A virus generated in cell culture is fully viable <i>in vivo</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3500-3501.	3.3	24
119	Hepatitis C homolog in dogs with respiratory illness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12563-12564.	3.3	24
120	Characterization of Hepatitis C Virus Recombinants with Chimeric E1/E2 Envelope Proteins and Identification of Single Amino Acids in the E2 Stem Region Important for Entry. <i>Journal of Virology</i> , 2013, 87, 1385-1399.	1.5	23
121	Applying antibody-sensitive hypervariable region 1-deleted hepatitis C virus to the study of escape pathways of neutralizing human monoclonal antibody AR5A. <i>PLoS Pathogens</i> , 2017, 13, e1006214.	2.1	23
122	Development of a downstream process for the production of an inactivated whole hepatitis C virus vaccine. <i>Scientific Reports</i> , 2020, 10, 16261.	1.6	23
123	Functional convergence of a germline-encoded neutralizing antibody response in rhesus macaques immunized with HCV envelope glycoproteins. <i>Immunity</i> , 2021, 54, 781-796.e4.	6.6	23
124	Hepatitis C virus expressing flag-tagged envelope protein 2 has unaltered infectivity and density, is specifically neutralized by flag antibodies and can be purified by affinity chromatography. <i>Virology</i> , 2011, 409, 148-155.	1.1	22
125	Non-genotype-specific role of the hepatitis C virus 5' untranslated region in virus production and in inhibition by interferon. <i>Virology</i> , 2011, 421, 222-234.	1.1	21
126	Analysis of hepatitis C virus core/NS5A protein co-localization using novel cell culture systems expressing core-NS2 and NS5A of genotypes 1-7. <i>Journal of General Virology</i> , 2013, 94, 2221-2235.	1.3	21

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127	Transfusion-associated hepatitis before the screening of blood for hepatitis risk factors. <i>Transfusion</i> , 2014, 54, 2833-2841.	0.8	21
128	HCV p7 as a novel vaccine-target inducing multifunctional CD4+ and CD8+ T-cells targeting liver cells expressing the viral antigen. <i>Scientific Reports</i> , 2019, 9, 14085.	1.6	21
129	Hepatitis C Virus Escape Studies of Human Antibody AR3A Reveal a High Barrier to Resistance and Novel Insights on Viral Antibody Evasion Mechanisms. <i>Journal of Virology</i> , 2019, 93, .	1.5	21
130	Molecular evolution of GB virus B hepatitis virus during acute resolving and persistent infections in experimentally infected tamarins. <i>Journal of General Virology</i> , 2010, 91, 727-733.	1.3	20
131	Effectiveness of treatment with pegylated interferon and ribavirin in an unselected population of patients with chronic hepatitis C: A Danish nationwide cohort study. <i>BMC Infectious Diseases</i> , 2011, 11, 177.	1.3	20
132	Production and characterization of high-titer serum-free cell culture grown hepatitis C virus particles of genotype 1. <i>Virology</i> , 2014, 458-459, 190-208.	1.1	20
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