Thomas F Baumert

List of Publications by Year
in descending order

353	19,347	9786	17105
papers	citations	73 h-index	122 g-index

371	371	371	18584
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A human liver cell atlas reveals heterogeneity and epithelial progenitors. Nature, 2019, 572, 199-204.	27.8	744
2	EGFR and EphA2 are host factors for hepatitis C virus entry and possible targets for antiviral therapy. Nature Medicine, 2011, 17, 589-595.	30.7	631
3	Liver Fibrosis: Mechanistic Concepts and Therapeutic Perspectives. Cells, 2020, 9, 875.	4.1	516
4	miR-122 â€“ A key factor and therapeutic target in liver disease. Journal of Hepatology, 2015, 62, 448-457.	3.7	487
5	Rapid induction of virus-neutralizing antibodies and viral clearance in a single-source outbreak of hepatitis C. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6025-6030.	7.1	478
6	Exosome-mediated transmission of hepatitis C virus between human hepatoma Huh7.5 cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13109-13113.	7.1	422
7	Cellular Binding of Hepatitis C Virus Envelope Glycoprotein E2 Requires Cell Surface Heparan Sulfate. Journal of Biological Chemistry, 2003, 278, 41003-41012.	3.4	403
8	Hepatitis C Virus Structural Proteins Assemble into Viruslike Particles in Insect Cells. Journal of Virology, 1998, 72, 3827-3836.	3.4	345
9	Initiation of Hepatitis C Virus Infection Is Dependent on Cholesterol and Cooperativity between CD81 and Scavenger Receptor B Type I. Journal of Virology, 2007, 81, 374-383.	3.4	234
10	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.	7.3	222
11	Neutralizing Antibody-Resistant Hepatitis C Virus Cell-to-Cell Transmission. Journal of Virology, 2011, 85, 596-605.	3.4	218
12	Sofosbuvir compassionate use program for patients with severe recurrent hepatitis C after liver transplantation. Hepatology, 2015, 61, 1485-1494.	7.3	206
13	Hepatitis C Virus Infects the Endothelial Cells of the Blood-Brain Barrier. Gastroenterology, 2012, 142, 634-643.e6.	1.3	203
14	Curing Chronic Hepatitis C â€” The Arc of a Medical Triumph. New England Journal of Medicine, 2014, 370, 1576-1578.	27.0	203
15	Hepatitis C Virus Hypervariable Region 1 Modulates Receptor Interactions, Conceals the CD81 Binding Site, and Protects Conserved Neutralizing Epitopes. Journal of Virology, 2010, 84, 5751-5763.	3.4	201
16	Tight junction proteins in gastrointestinal and liver disease. Gut, 2019, 68, 547-561.	12.1	201
17	Protein kinase D at the Golgi controls NLRP3 inflammasome activation. Journal of Experimental Medicine, 2017, 214, 2671-2693.	8.5	197
18	Dominant influence of an HLA-B27 restricted CD8+ T cell response in mediating HCV clearance and evolution. Hepatology, 2006, 43, 563-572.	7.3	191

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19	Apolipoprotein E interacts with hepatitis C virus nonstructural protein 5A and determines assembly of infectious particles. Hepatology, 2010, 51, 43-53.	7.3	191
20	HCV-Induced Epigenetic Changes Associated With Liver Cancer Risk Persist After Sustained Virologic Response. Gastroenterology, 2019, 156, 2313-2329.e7.	1.3	184
21	Pathogenesis and prevention of hepatitis C virus-induced hepatocellular carcinoma. Journal of Hepatology, 2014, 61, S79-S90.	3.7	181
22	Two core promotor mutations identified in a hepatitis B virus strain associated with fulminant hepatitis result in enhanced viral replication.. Journal of Clinical Investigation, 1996, 98, 2268-2276.	8.2	177
23	Molecular Liver Cancer Prevention in Cirrhosis by Organ Transcriptome Analysis and Lysophosphatidic Acid Pathway Inhibition. Cancer Cell, 2016, 30, 879-890.	16.8	172
24	Viral and Cellular Determinants of the Hepatitis C Virus Envelope-Heparan SulfateInteraction. Journal of Virology, 2006, 80, 10579-10590.	3.4	167
25	Hepatitis C virus entry into hepatocytes: Molecular mechanisms and targets for antiviral therapies. Journal of Hepatology, 2011, 54, 566-576.	3.7	161
26	Immunization with hepatitis C virus-like particles results in control of hepatitis C virus infection in chimpanzees. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8427-8432.	7.1	157
27	Single-cell genomics and spatial transcriptomics: Discovery of novel cell states and cellular interactions in liver physiology and diseaseÂbiology. Journal of Hepatology, 2020, 73, 1219-1230.	3.7	156
28	Efficient Infection of Primary Tupaia Hepatocytes with Purified Human and Woolly Monkey Hepatitis B Virus. Journal of Virology, 2001, 75, 5084-5089.	3.4	153
29	Monoclonal Anti-Claudin 1 Antibodies Prevent Hepatitis C Virus Infection of Primary Human Hepatocytes. Gastroenterology, 2010, 139, 953-964.e4.	1.3	151
30	RACK1 Controls IRES-Mediated Translation of Viruses. Cell, 2014, 159, 1086-1095.	28.9	149
31	Inhibition of hepatitis C virus infection by anti-claudin-1 antibodies is mediated by neutralization of E2-CD81-Claudin-1 associations. Hepatology, 2010, 51, 1144-1157.	7.3	144
32	HRas Signal Transduction Promotes Hepatitis C Virus Cell Entry by Triggering Assembly of the Host Tetraspanin Receptor Complex. Cell Host and Microbe, 2013, 13, 302-313.	11.0	141
33	Status of Direct-Acting Antiviral Therapy for Hepatitis C Virus Infection and Remaining Challenges. Gastroenterology, 2019, 156, 431-445.	1.3	133
34	A targeted functional RNA interference screen uncovers glypican 5 as an entry factor for hepatitis B and D viruses. Hepatology, 2016, 63, 35-48.	7.3	131
35	Hepatitis C Virus Entry. Current Topics in Microbiology and Immunology, 2013, 369, 87-112.	1.1	130
36	Small molecule scavenger receptor BI antagonists are potent HCV entry inhibitors. Journal of Hepatology, 2011, 54, 48-55.	3.7	129

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37	Clearance of persistent hepatitis C virus infection in humanized mice using a claudin-1-targeting monoclonal antibody. Nature Biotechnology, 2015, 33, 549-554.	17.5	129
38	APOBEC-mediated interference with hepadnavirus production. Hepatology, 2005, 42, 301-309.	7.3	128
39	Pathogenesis of hepatitis B virus infection. World Journal of Gastroenterology, 2007, 13, 82.	3.3	128
40	HBV Bypasses the Innate Immune Response and Does Not Protect HCV From Antiviral Activity of Interferon. Gastroenterology, 2018, 154, 1791-1804.e22.	1.3	128
41	The circadian clock and liver function in health and disease. Journal of Hepatology, 2019, 71, 200-211.	3.7	128
42	Hepatitis C Virus, Cholesterol and Lipoproteins â€" Impact for the Viral Life Cycle and Pathogenesis of Liver Disease. Viruses, 2013, 5, 1292-1324.	3.3	126
43	Viral entry and escape from antibody-mediated neutralization influence hepatitis C virus reinfection in liver transplantation. Journal of Experimental Medicine, 2010, 207, 2019-2031.	8.5	125
44	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.	2.2	124
45	Human coronavirus NL63 replication is cyclophilin A-dependent and inhibited by non-immunosuppressive cyclosporine A-derivatives including Alisporivir. Virus Research, 2014, 184, 44-53.	2.2	122
46	Infectivity of Hepatitis C Virus Is Influenced by Association with Apolipoprotein E Isoforms. Journal of Virology, 2010, 84, 12048-12057.	3.4	119
47	Hepatitis C virus entry: Molecular biology and clinical implications. Hepatology, 2006, 44, 527-535.	7.3	116
48	Hepatitis C-related hepatocellular carcinoma in the era of new generation antivirals. BMC Medicine, 2017, 15, 52.	5.5	116
49	Hepatitis C virus infection and apoptosis. World Journal of Gastroenterology, 2007, 13, 4865.	3.3	114
50	CD81 Expression Is Important for the Permissiveness of Huh7 Cell Clones for Heterogeneous Hepatitis C Virus Infection. Journal of Virology, 2007, 81, 5036-5045.	3.4	112
51	Hepatitis C Virus Induces CD81 and Claudin-1 Endocytosis. Journal of Virology, 2012, 86, 4305-4316.	3.4	110
52	Adaptation of Hepatitis C Virus to Mouse CD81 Permits Infection of Mouse Cells in the Absence of Human Entry Factors. PLoS Pathogens, 2010, 6, e1000978.	4.7	109
53	Hepatitis C virus-like particles synthesized in insect cells as a potential vaccine candidate. Gastroenterology, 1999, 117, 1397-1407.	1.3	107
54	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.	3.4	104

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55	Phenotype and function of HBV-specific T cells is determined by the targeted epitope in addition to the stage of infection. Gut, 2019, 68, 893-904.	12.1	102
56	Radiomics in hepatocellular carcinoma: a quantitative review. Hepatology International, 2019, 13, 546-559.	4.2	100
57	Hepatitis C Virus Cell-Cell Transmission and Resistance to Direct-Acting Antiviral Agents. PLoS Pathogens, 2014, 10, e1004128.	4.7	97
58	Hepatitis C Virus-Induced Upregulation of MicroRNA miR-146a-5p in Hepatocytes Promotes Viral Infection and Deregulates Metabolic Pathways Associated with Liver Disease Pathogenesis. Journal of Virology, 2016, 90, 6387-6400.	3.4	97
59	Binding of Hepatitis C Virus-Like Particles Derived from Infectious Clone H77C to Defined Human Cell Lines. Journal of Virology, 2002, 76, 1181-1193.	3.4	91
60	Plasmodium P36 determines host cell receptor usage during sporozoite invasion. ELife, 2017, 6, .	6.0	91
61	Hepatitis C virusâ€"like particles induce virus-specific humoral and cellular immune responses in mice. Hepatology, 2001, 34, 417-423.	7.3	90
62	Host-targeting agents for prevention and treatment of chronic hepatitis C â€" Perspectives and challenges. Journal of Hepatology, 2013, 58, 375-384.	3.7	88
63	Uptake and presentation of hepatitis C virus-like particles by human dendritic cells. Blood, 2005, 105, 3605-3614.	1.4	86
64	Global mapping of antibody recognition of the hepatitis C virus E2 glycoprotein: Implications for vaccine design. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6946-E6954.	7.1	86
65	Reconstitution of the Entire Hepatitis C Virus Life Cycle in Nonhepatic Cells. Journal of Virology, 2012, 86, 11919-11925.	3.4	83
66	Critical interaction between E1 and E2 glycoproteins determines binding and fusion properties of hepatitis C virus during cell entry. Hepatology, 2014, 59, 776-788.	7.3	83
67	Synergy of entry inhibitors with direct-acting antivirals uncovers novel combinations for prevention and treatment of hepatitis C. Gut, 2015, 64, 483-494.	12.1	83
68	Development of hepatitis C virus vaccines: challenges and progress. Expert Review of Vaccines, 2009, 8, 333-345.	4.4	82
69	Matrigel-embedded 3D culture of Huh-7 cells as a hepatocyte-like polarized system to study hepatitis C virus cycle. Virology, 2012, 425, 31-39.	2.4	80
70	Hepatitis B virus DNA is subject to extensive editing by the human deaminase APOBEC3C. Hepatology, 2007, 46, 682-689.	7.3	79
71	Scavenger Receptor Class B Is Required for Hepatitis C Virus Uptake and Cross-Presentation by Human Dendritic Cells. Journal of Virology, 2008, 82, 3466-3479.	3.4	79
72	A Poxvirus Vaccine Is Safe, Induces T-Cell Responses, and Decreases Viral Load in Patients With Chronic Hepatitis C. Gastroenterology, 2011, 141, 890-899.e4.	1.3	79

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73	New aspects of an anti-tumour drug: sorafenib efficiently inhibits HCV replication. Gut, 2009, 58, 1644-1653.	12.1	77
74	Viral manipulation of STAT3: Evade, exploit, and injure. PLoS Pathogens, 2018, 14, e1006839.	4.7	76
75	A New Class of Synthetic Peptide Inhibitors Blocks Attachment and Entry of Human Pathogenic Viruses. Journal of Infectious Diseases, 2012, 205, 1654-1664.	4.0	75
76	Naturally Occurring Mutations Define a Novel Function of the Hepatitis B Virus Core Promoter in Core Protein Expression. Journal of Virology, 1998, 72, 6785-6795.	3.4	75
77	Induction of Hepatitis C Virus E1 Envelope Protein-Specific Immune Response Can Be Enhanced by Mutation of N-Glycosylation Sites. Journal of Virology, 2001, 75, 12088-12097.	3.4	74
78	Scavenger Receptor Class B Type I and Hepatitis C Virus Infection of Primary Tupaia Hepatocytes. Journal of Virology, 2005, 79, 5774-5785.	3.4	74
79	Antibodies Against Hepatitis C Virusâ€“Like Particles and Viral Clearance in Acute and Chronic Hepatitis C. Hepatology, 2000, 32, 610-617.	7.3	72
80	Novel human SR-BI antibodies prevent infection and dissemination of HCV in vitro and in humanized mice. Journal of Hepatology, 2012, 57, 17-23.	3.7	72
81	Entry of hepatitis C virus pseudotypes into primary human hepatocytes by clathrin-dependent endocytosis. Journal of General Virology, 2006, 87, 2583-2593.	2.9	71
82	Sustained delivery of siRNAs targeting viral infection by cell-degradable multilayered polyelectrolyte films. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16320-16325.	7.1	71
83	Epidermal growth factor receptor signaling impairs the antiviral activity of interferon-alpha. Hepatology, 2013, 58, 1225-1235.	7.3	71
84	Combined Analysis of Metabolomes, Proteomes, and Transcriptomes of Hepatitis C Virusâ€“Infected Cells and Liver to Identify Pathways Associated With Disease Development. Gastroenterology, 2019, 157, 537-551.e9.	1.3	71
85	The circadian clock components BMAL1 and REV-ERBÎ± regulate flavivirus replication. Nature Communications, 2019, 10, 377.	12.8	71
86	Inhibition of Hepatitis C Virus-Like Particle Binding to Target Cells by Antiviral Antibodies in Acute and Chronic Hepatitis C. Journal of Virology, 2004, 78, 9030-9040.	3.4	70
87	A prophylactic hepatitis C virus vaccine: A distant peak still worth climbing. Journal of Hepatology, 2014, 61, S34-S44.	3.7	70
88	Hepatitis C Virus Infection Sensitizes Human Hepatocytes to TRAIL-Induced Apoptosis in a Caspase 9-Dependent Manner. Journal of Immunology, 2008, 181, 4926-4935.	0.8	66
89	Mutations That Alter Use of Hepatitis C Virus Cell Entry Factors Mediate Escape From Neutralizing Antibodies. Gastroenterology, 2012, 143, 223-233.e9.	1.3	66
90	The postbinding activity of scavenger receptor class B type I mediates initiation of hepatitis C virus infection and viral dissemination. Hepatology, 2013, 57, 492-504.	7.3	66

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91	Hepatitis B Virus Evasion From Cyclic Guanosine Monophosphateâ€“Adenosine Monophosphate Synthase Sensing in Human Hepatocytes. Hepatology, 2018, 68, 1695-1709.	7.3	66
92	Neutralizing Host Responses in Hepatitis C Virus Infection Target Viral Entry at Postbinding Steps and Membrane Fusion. Gastroenterology, 2008, 135, 1719-1728.e1.	1.3	65
93	Mutations within a Conserved Region of the Hepatitis C Virus E2 Glycoprotein That Influence Virus-Receptor Interactions and Sensitivity to Neutralizing Antibodies. Journal of Virology, 2010, 84, 5494-5507.	3.4	65
94	Tracking Virus-Specific CD4+ T Cells during and after Acute Hepatitis C Virus Infection. PLoS ONE, 2007, 2, e649.	2.5	65
95	Syndecan 4 Is Involved in Mediating HCV Entry through Interaction with Lipoviral Particle-Associated Apolipoprotein E. PLoS ONE, 2014, 9, e95550.	2.5	64
96	Apolipoprotein E Mediates Evasion From Hepatitis C Virus Neutralizing Antibodies. Gastroenterology, 2016, 150, 206-217.e4.	1.3	64
97	A look behind closed doors: interaction of persistent viruses with dendritic cells. Nature Reviews Microbiology, 2010, 8, 350-360.	28.6	62
98	Virusâ€“host interactions in hepatitis C virus infection: implications for molecular pathogenesis and antiviral strategies. Trends in Molecular Medicine, 2010, 16, 277-286.	6.7	62
99	Chronic hepatitis C virus infection and pathogenesis of hepatocellular carcinoma. Current Opinion in Virology, 2016, 20, 99-105.	5.4	62
100	Virus-Specific CD4+ T Cells Have Functional and Phenotypic Characteristics of Follicular T-Helper Cells in Patients With Acute and Chronic HCV Infections. Gastroenterology, 2016, 150, 696-706.e3.	1.3	62
101	TIP47 plays a crucial role in the life cycle of hepatitis C virus. Journal of Hepatology, 2013, 58, 1081-1088.	3.7	61
102	Trans-Thoracic Minimally Invasive Liver Resection Guided by Augmented Reality. Journal of the American College of Surgeons, 2015, 220, e55-e60.	0.5	61
103	Affinity maturation of a broadly neutralizing human monoclonal antibody that prevents acute hepatitis C virus infection in mice. Hepatology, 2016, 64, 1922-1933.	7.3	60
104	Autotaxin-lysophosphatidic acid receptor signalling regulates hepatitis C virus replication. Journal of Hepatology, 2017, 66, 919-929.	3.7	60
105	Hepatitis C Virus Infection of Neuroepithelioma Cell Lines. Gastroenterology, 2010, 139, 1365-1374.e2.	1.3	59
106	Escitalopram for the Prevention of Peginterferon-Î±2aâ€“Associated Depression in Hepatitis C Virusâ€“Infected Patients Without Previous Psychiatric Disease. Annals of Internal Medicine, 2012, 157, 94.	3.9	59
107	miR-135a-5p-mediated downregulation of protein tyrosine phosphatase receptor delta is a candidate driver of HCV-associated hepatocarcinogenesis. Gut, 2018, 67, 953-962.	12.1	59
108	Primary hepatocytes of Tupaia belangeri as a potential model for hepatitis C virus infection. Journal of Clinical Investigation, 2002, 109, 221-232.	8.2	59

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109	HCV glycoprotein E2 is a novel BDCA-2 ligand and acts as an inhibitor of IFN production by plasmacytoid dendritic cells. Blood, 2012, 120, 4544-4551.	1.4	58
110	IFN-Î» receptor 1 expression is induced in chronic hepatitis C and correlates with the IFN-Î»3 genotype and with nonresponsiveness to IFN-Î± therapies. Journal of Experimental Medicine, 2014, 211, 857-868.	8.5	58
111	Interferon-inducible MX2 is a host restriction factor of hepatitis B virus replication. Journal of Hepatology, 2020, 72, 865-876.	3.7	58
112	Liver Disease and Coronavirus Disease 2019: From Pathogenesis to Clinical Care. Hepatology, 2021, 74, 1088-1100.	7.3	58
113	Interferon-Î³â€“Stimulated Genes, but Not USP18, Are Expressed in Livers of Patients With Acute Hepatitis C. Gastroenterology, 2012, 143, 777-786.e6.	1.3	57
114	Targeting clinical epigenetic reprogramming for chemoprevention of metabolic and viral hepatocellular carcinoma. Gut, 2021, 70, 157-169.	12.1	57
115	Hepatitis B virus mutations associated with fulminant hepatitis induce apoptosis in primaryTupaiahepatocytes. Hepatology, 2005, 41, 247-256.	7.3	55
116	Hepatitis C virus vaccine candidates inducing protective neutralizing antibodies. Expert Review of Vaccines, 2016, 15, 1535-1544.	4.4	55
117	Host-Targeting Agents to Prevent and Cure Hepatitis C Virus Infection. Viruses, 2015, 7, 5659-5685.	3.3	54
118	A Novel Monoclonal Anti-CD81 Antibody Produced by Genetic Immunization Efficiently Inhibits Hepatitis C Virus Cell-Cell Transmission. PLoS ONE, 2013, 8, e64221.	2.5	53
119	Primary hepatocytes of Tupaia belangeri as a potential model for hepatitis C virus infection. Journal of Clinical Investigation, 2002, 109, 221-232.	8.2	52
120	Mouse models for the study of HCV infection and virusâ€“host interactions. Journal of Hepatology, 2008, 49, 134-142.	3.7	51
121	Quantitative Proteomics Identifies Serum Response Factor Binding Protein 1 as a Host Factor for Hepatitis C Virus Entry. Cell Reports, 2015, 12, 864-878.	6.4	50
122	Early Transcriptional Divergence Marks Virus-Specific Primary Human CD8+ T Cells in Chronic versus Acute Infection. Immunity, 2017, 47, 648-663.e8.	14.3	50
123	Detection of the hepatitis B virus (HBV) covalently-closed-circular DNA (cccDNA) in mice transduced with a recombinant AAV-HBV vector. Antiviral Research, 2017, 145, 14-19.	4.1	49
124	Novel Interactions of Glycosaminoglycans and Bacterial Glycolipids Mediate Binding of Enterococci to Human Cells. Journal of Biological Chemistry, 2009, 284, 18194-18201.	3.4	48
125	TIP47 is associated with the Hepatitis C virus and its interaction with Rab9 is required for release of viral particles. European Journal of Cell Biology, 2013, 92, 374-382.	3.6	46
126	Three Different Functional Microdomains in the Hepatitis C Virus Hypervariable Region 1 (HVR1) Mediate Entry and Immune Evasion. Journal of Biological Chemistry, 2012, 287, 35631-35645.	3.4	45

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127	miR-122 acts as a tumor suppressor in hepatocarcinogenesis in vivo. Journal of Hepatology, 2013, 58, 821-823.	3.7	45
128	Broadly neutralizing antibodies from an individual that naturally cleared multiple hepatitis C virus infections uncover molecular determinants for E2 targeting and vaccine design. PLoS Pathogens, 2019, 15, e1007772.	4.7	45
129	Hepatitis C Virus and Hepatocellular Carcinoma: When the Host Loses Its Grip. International Journal of Molecular Sciences, 2020, 21, 3057.	4.1	45
130	Host neutralizing responses and pathogenesis of hepatitis C virus infection. Hepatology, 2008, 48, 299-307.	7.3	44
131	Cell Culture Models for the Investigation of Hepatitis B and D Virus Infection. Viruses, 2016, 8, 261.	3.3	44
132	Entry of hepatitis B and C viruses â€" recent progress and future impact. Current Opinion in Virology, 2014, 4, 58-65.	5.4	43
133	Leukotrienes as Mediators in Diseases of the Liver. Seminars in Liver Disease, 1988, 8, 357-366.	3.6	42
134	Inhibitory effect of adefovir and lamivudine on the initiation of hepatitis B virus infection in primary tupaia hepatocytes. Hepatology, 2003, 38, 1410-1418.	7.3	42
135	Role of Hypervariable Region 1 for the Interplay of Hepatitis C Virus with Entry Factors and Lipoproteins. Journal of Virology, 2014, 88, 12644-12655.	3.4	42
136	Identification of Conserved Residues in Hepatitis C Virus Envelope Glycoprotein E2 That Modulate Virus Dependence on CD81 and SRB1 Entry Factors. Journal of Virology, 2014, 88, 10584-10597.	3.4	41
137	New perspectives for preventing hepatitis C virus liver graft infection. Lancet Infectious Diseases, The, 2016, 16, 735-745.	9.1	41
138	Hepatitis C Virus Is a Weak Inducer of Interferon Alpha in Plasmacytoid Dendritic Cells in Comparison with Influenza and Human Herpesvirus Type-1. PLoS ONE, 2009, 4, e4319.	2.5	40
139	Neutralizing antibodies in hepatitis C virus infection. World Journal of Gastroenterology, 2007, 13, 4824.	3.3	40
140	Molecular signatures of long-term hepatocellular carcinoma risk in nonalcoholic fatty liver disease. Science Translational Medicine, 2022, 14, .	12.4	40
141	EWI-2wint promotes CD81 clustering that abrogates Hepatitis C Virus entry. Cellular Microbiology, 2013, 15, 1234-1252.	2.1	39
142	Follicular T helper cells shape the HCV-specific CD4+ T cell repertoire after virus elimination. Journal of Clinical Investigation, 2020, 130, 998-1009.	8.2	39
143	Ethanol-induced inhibition of leukotriene degradation by omega-oxidation. FEBS Journal, 1989, 182, 223-229.	0.2	38
144	Hepatitis C virus entry: molecular mechanisms and targets for antiviral therapy. Frontiers in Bioscience - Landmark, 2009, Volume, 3274.	3.0	38

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145	Hepatitis C Virus (HCV)â€“Apolipoprotein Interactions and Immune Evasion and Their Impact on HCV Vaccine Design. Frontiers in Immunology, 2018, 9, 1436.	4.8	38
146	Interleukinâ€32 Contributes to Human Nonalcoholic Fatty Liver Disease and Insulin Resistance. Hepatology Communications, 2019, 3, 1205-1220.	4.3	38
147	Both innate and adaptive immunity mediate protective immunity against hepatitis C virus infection in chimpanzees. Hepatology, 2011, 54, 1135-1148.	7.3	37
148	Targeting Viral Entry for Treatment of Hepatitis B and C Virus Infections. ACS Infectious Diseases, 2015, 1, 420-427.	3.8	36
149	Tight Junction Proteins and the Biology of Hepatobiliary Disease. International Journal of Molecular Sciences, 2020, 21, 825.	4.1	36
150	Hepatitis C virus vaccines â€“ Progress and perspectives. Microbial Pathogenesis, 2013, 58, 66-72.	2.9	34
151	Solute Carrier NTCP Regulates Innate Antiviral Immune Responses Targeting Hepatitis C Virus Infection of Hepatocytes. Cell Reports, 2016, 17, 1357-1368.	6.4	34
152	Mapping Determinants of Virus Neutralization and Viral Escape for Rational Design of a Hepatitis C Virus Vaccine. Frontiers in Immunology, 2018, 9, 1194.	4.8	34
153	Oxidative Stress Triggers Selective tRNA Retrograde Transport in Human Cells during the Integrated Stress Response. Cell Reports, 2019, 26, 3416-3428.e5.	6.4	34
154	The circadian clock component BMAL1 regulates SARS-CoV-2 entry and replication in lung epithelial cells. IScience, 2021, 24, 103144.	4.1	34
155	CD81-Receptor Associations â€" Impact for Hepatitis C Virus Entry and Antiviral Therapies. Viruses, 2014, 6, 875-892.	3.3	33
156	Host-targeting agents for treatment of hepatitis B virus infection. Current Opinion in Virology, 2015, 14, 41-46.	5.4	33
157	Hepatitis B virus mutations potentially conferring adefovir/tenofovir resistance in treatment-naive patients. World Journal of Gastroenterology, 2009, 15, 753.	3.3	33
158	Hepatitis C virus infection and related liver disease: the quest for the best animal model. Frontiers in Microbiology, 2013, 4, 213.	3.5	32
159	Host-targeting therapies for hepatitis C virus infection: current developments and future applications. Therapeutic Advances in Gastroenterology, 2018, 11, 175628481875948.	3.2	32
160	Templated assembly of albumin-based nanoparticles for simultaneous gene silencing and magnetic resonance imaging. Nanoscale, 2014, 6, 11676-11680.	5.6	31
161	The Innate Antiviral Response in Animals: An Evolutionary Perspective from Flagellates to Humans. Viruses, 2019, 11, 758.	3.3	31
162	Combined small molecule and loss-of-function screen uncovers estrogen receptor alpha and CAD as host factors for HDV infection and antiviral targets. Gut, 2020, 69, 158-167.	12.1	31

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163	Laparoscopic anatomical liver resection for malignancies using positive or negative staining technique with intraoperative indocyanine green-fluorescence imaging. Hpb, 2021, 23, 1647-1655.	0.3	31
164	Hypoxia inducible factors regulate hepatitis B virus replication by activating the basal core promoter. Journal of Hepatology, 2021, 75, 64-73.	3.7	31
165	A blood-based prognostic liver secretome signature and long-term hepatocellular carcinoma risk in advanced liver fibrosis. Med, 2021, 2, 836-850.e10.	4.4	31
166	Early Evolution of Hepatitis C Virus (HCV) Quasispecies after Liver Transplant for HCVâ€Related Disease. Journal of Infectious Diseases, 2007, 196, 528-536.	4.0	30
167	Monoclonal antiâ€envelope antibody AP33 protects humanized mice against a patientâ€derived hepatitis C virus challenge. Hepatology, 2016, 63, 1120-1134.	7.3	30
168	Pioglitazone Reduces Hepatocellular Carcinoma Development in Two Rodent Models of Cirrhosis. Journal of Gastrointestinal Surgery, 2019, 23, 101-111.	1.7	30
169	Comparative immunogenicity analysis of modified vaccinia Ankara vectors expressing native or modified forms of hepatitis C virus E1 and E2 glycoproteins. Vaccine, 2004, 22, 3917-3928.	3.8	29
170	Loss of hepatitis B surface antigen in a realâ€life clinical cohort of patients with chronic hepatitis B virus infection. Liver International, 2015, 35, 130-139.	3.9	29
171	Identification of Novel Functions for Hepatitis C Virus Envelope Glycoprotein E1 in Virus Entry and Assembly. Journal of Virology, 2017, 91, .	3.4	29
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