

Barbara Rehermann

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

132
papers

14,731
citations

56
h-index

121
g-index

169
ext. papers

16,607
ext. citations

12.6
avg, IF

6.74
L-index

#	Paper	IF	Citations
132	Spontaneous Clearance of Drug-Resistant Chronic Hepatitis C Virus Infection. <i>Hepatology</i> , 2021 , 74, 3552-3553.e1	17.5	5
131	Clearance of pegylated interferon by Kupffer cells limits NK cell activation and therapy response of patients with HBV infection. <i>Science Translational Medicine</i> , 2021 , 13,	13.3	4
130	Liver-Resident Bystander CD8 T Cells Contribute to Liver Disease Pathogenesis in Chronic Hepatitis D Virus Infection. <i>Gastroenterology</i> , 2021 , 161, 1567-1583.e9	17.5	5
129	Infection trains the host for microbiota-enhanced resistance to pathogens. <i>Cell</i> , 2021 , 184, 615-627.e17	56.2	43
128	Neonatal exposure to a wild-derived microbiome protects mice against diet-induced obesity. <i>Nature Metabolism</i> , 2021 , 3, 1042-1057	14.6	7
127	Natural versus Laboratory World: Incorporating Wild-Derived Microbiota into Preclinical Rodent Models. <i>Journal of Immunology</i> , 2021 , 207, 1703-1709	5.3	0
126	Discovery of several thousand highly diverse circular DNA viruses. <i>ELife</i> , 2020 , 9,	8.9	65
125	Author response: Discovery of several thousand highly diverse circular DNA viruses 2020 ,		5
124	Improving natural product research translation: From source to clinical trial. <i>FASEB Journal</i> , 2020 , 34, 41-65	0.9	23
123	A global scientific strategy to cure hepatitis B. <i>The Lancet Gastroenterology and Hepatology</i> , 2019 , 4, 545-558	18.8	187
122	Hepatitis D Virus-Specific CD8 T Cells Have a Memory-Like Phenotype Associated With Viral Immune Escape in Patients With Chronic Hepatitis D Virus Infection. <i>Gastroenterology</i> , 2019 , 156, 1805-1819.e9	13.3	25
121	Laboratory mice born to wild mice have natural microbiota and model human immune responses. <i>Science</i> , 2019 , 365,	33.3	189
120	Keratinocyte-intrinsic MHCII expression controls microbiota-induced Th1 cell responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 23643-23652	11.5	26
119	Virus-Induced Interferon Regulates the Urea Cycle. <i>Immunity</i> , 2019 , 51, 975-977	32.3	3
118	Insights From Antiviral Therapy Into Immune Responses to Hepatitis B and C Virus Infection. <i>Gastroenterology</i> , 2019 , 156, 369-383	13.3	62
117	Mucosal-Associated Invariant T Cells in Chronic Inflammatory Liver Disease. <i>Seminars in Liver Disease</i> , 2018 , 38, 60-65	7.3	21
116	Non-classical Immunity Controls Microbiota Impact on Skin Immunity and Tissue Repair. <i>Cell</i> , 2018 , 172, 784-796.e18	56.2	203

115	Aberrant tRNA processing causes an autoinflammatory syndrome responsive to TNF inhibitors. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 612-619	2.4	37
114	Baseline Intrahepatic and Peripheral Innate Immunity are Associated with Hepatitis C Virus Clearance During Direct-Acting Antiviral Therapy. <i>Hepatology</i> , 2018 , 68, 2078-2088	11.2	26
113	The role of genetics in hepatic fibrosis among hepatitis C virus patients. <i>Hepatology</i> , 2018 , 67, 2043-2045	11.2	5
112	Rapid decrease in hepatitis C viremia by direct acting antivirals improves the natural killer cell response to IFN- γ . <i>Gut</i> , 2017 , 66, 724-735	19.2	46
111	Use of Current and New Endpoints in the Evaluation of Experimental Hepatitis B Therapeutics. <i>Clinical Infectious Diseases</i> , 2017 , 64, 1283-1288	11.6	15
110	Tissue-resident T cells in hepatitis B: A new target for cure?. <i>Journal of Experimental Medicine</i> , 2017 , 214, 1564-1566	16.6	6
109	Wild Mouse Gut Microbiota Promotes Host Fitness and Improves Disease Resistance. <i>Cell</i> , 2017 , 171, 1015-1028.e13	56.2	365
108	Intra-Hepatic Depletion of Mucosal-Associated Invariant T Cells in Hepatitis C Virus-Induced Liver Inflammation. <i>Gastroenterology</i> , 2017 , 153, 1392-1403.e2	13.3	57
107	Hepatitis B virus evades innate immunity of hepatocytes but activates cytokine production by macrophages. <i>Hepatology</i> , 2017 , 66, 1779-1793	11.2	97
106	Mature peritoneal macrophages take an avascular route into the injured liver and promote tissue repair. <i>Hepatology</i> , 2017 , 65, 376-379	11.2	13
105	Systemic toxoplasma infection triggers a long-term defect in the generation and function of naive T lymphocytes. <i>Journal of Experimental Medicine</i> , 2016 , 213, 3041-3056	16.6	13
104	HCV in 2015: Advances in hepatitis C research and treatment. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2016 , 13, 70-2	24.2	25
103	R2d2 Drives Selfish Sweeps in the House Mouse. <i>Molecular Biology and Evolution</i> , 2016 , 33, 1381-95	8.3	39
102	Successful Interferon-Free Therapy of Chronic Hepatitis C Virus Infection Normalizes Natural Killer Cell Function. <i>Gastroenterology</i> , 2015 , 149, 190-200.e2	13.3	181
101	Natural Killer Cells in Viral Hepatitis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2015 , 1, 578-588	7.9	51
100	T cell responses in hepatitis C virus infection: historical overview and goals for future research. <i>Antiviral Research</i> , 2015 , 114, 96-105	10.8	34
99	Durability of antibody response against hepatitis B virus in healthcare workers vaccinated as adults. <i>Clinical Infectious Diseases</i> , 2015 , 60, 505-13	11.6	36
98	Immunological aspects of antiviral therapy of chronic hepatitis B virus and hepatitis C virus infections. <i>Hepatology</i> , 2015 , 61, 712-21	11.2	114

97	Hepatitis C virus attenuates interferon-induced major histocompatibility complex class I expression and decreases CD8+ T cell effector functions. <i>Gastroenterology</i> , 2014 , 146, 1351-60.e1-4	13.3	26
96	Ribavirin improves the IFN- γ response of natural killer cells to IFN-based therapy of hepatitis C virus infection. <i>Hepatology</i> , 2014 , 60, 1160-9	11.2	23
95	Sequence analysis of hepatitis C virus from patients with relapse after a sustained virological response: relapse or reinfection?. <i>Journal of Infectious Diseases</i> , 2014 , 209, 38-45	7	27
94	Immune responses to HCV and other hepatitis viruses. <i>Immunity</i> , 2014 , 40, 13-24	32.3	193
93	Monocytes activate natural killer cells via inflammasome-induced interleukin 18 in response to hepatitis C virus replication. <i>Gastroenterology</i> , 2014 , 147, 209-220.e3	13.3	65
92	Effect of ribavirin on viral kinetics and liver gene expression in chronic hepatitis C. <i>Gut</i> , 2014 , 63, 161-9	19.2	48
91	Trace amounts of sporadically reappearing HCV RNA can cause infection. <i>Journal of Clinical Investigation</i> , 2014 , 124, 3469-78	15.9	19
90	The hepatitis B vaccine protects re-exposed health care workers, but does not provide sterilizing immunity. <i>Gastroenterology</i> , 2013 , 145, 1026-34	13.3	37
89	Subinfectious hepatitis C virus exposures suppress T cell responses against subsequent acute infection. <i>Nature Medicine</i> , 2013 , 19, 1638-42	50.5	36
88	A variant upstream of IFNL3 (IL28B) creating a new interferon gene IFNL4 is associated with impaired clearance of hepatitis C virus. <i>Nature Genetics</i> , 2013 , 45, 164-71	36.3	704
87	Innate immune responses in hepatitis C virus-exposed healthcare workers who do not develop acute infection. <i>Hepatology</i> , 2013 , 58, 1621-31	11.2	55
86	Pathogenesis of chronic viral hepatitis: differential roles of T cells and NK cells. <i>Nature Medicine</i> , 2013 , 19, 859-68	50.5	328
85	Occupational exposure to hepatitis C virus: early T-cell responses in the absence of seroconversion in a longitudinal cohort study. <i>Journal of Infectious Diseases</i> , 2013 , 208, 1020-5	7	23
84	The frequency of CD127(+) hepatitis C virus (HCV)-specific T cells but not the expression of exhaustion markers predicts the outcome of acute HCV infection. <i>Journal of Virology</i> , 2013 , 87, 4772-7	6.6	40
83	Reply: b-cell frequency in HCV-related mixed cryoglobulinemia. <i>Hepatology</i> , 2013 , 58, 448-9	11.2	
82	The clinical relevance of persistent recombinant immunoblot assay-indeterminate reactions: insights into the natural history of hepatitis C virus infection and implications for donor counseling. <i>Transfusion</i> , 2012 , 52, 1940-8	2.9	18
81	Early changes in interferon signaling define natural killer cell response and refractoriness to interferon-based therapy of hepatitis C patients. <i>Hepatology</i> , 2012 , 55, 39-48	11.2	88
80	Infectivity in chimpanzees (<i>Pan troglodytes</i>) of plasma collected before HCV RNA detectability by FDA-licensed assays: implications for transfusion safety and HCV infection outcomes. <i>Blood</i> , 2012 , 119, 6326-34	2.2	16

79	IL-29 is the dominant type III interferon produced by hepatocytes during acute hepatitis C virus infection. <i>Hepatology</i> , 2012 , 56, 2060-70	11.2	102
78	B cell homeostasis in chronic hepatitis C virus-related mixed cryoglobulinemia is maintained through naïve B cell apoptosis. <i>Hepatology</i> , 2012 , 56, 1602-10	11.2	20
77	Successful vaccination induces multifunctional memory T-cell precursors associated with early control of hepatitis C virus. <i>Gastroenterology</i> , 2012 , 143, 1048-60.e4	13.3	58
76	Spontaneous clearance of chronic hepatitis C virus infection is associated with appearance of neutralizing antibodies and reversal of T-cell exhaustion. <i>Journal of Infectious Diseases</i> , 2012 , 205, 763-71		122
75	Early changes in natural killer cell function indicate virologic response to interferon therapy for hepatitis C. <i>Gastroenterology</i> , 2011 , 141, 1231-9, 1239.e1-2	13.3	129
74	Sporadic reappearance of minute amounts of hepatitis C virus RNA after successful therapy stimulates cellular immune responses. <i>Gastroenterology</i> , 2011 , 140, 676-685.e1	13.3	46
73	Delayed induction, not impaired recruitment, of specific CD8+ T cells causes the late onset of acute hepatitis C. <i>Gastroenterology</i> , 2011 , 141, 686-95, 695.e1	13.3	47
72	Induction of CXCR3- and CCR5-associated chemokines during acute hepatitis C virus infection. <i>Journal of Hepatology</i> , 2011 , 55, 545-553	13.4	33
71	Natural killer cells are polarized toward cytotoxicity in chronic hepatitis C in an interferon-alfa-dependent manner. <i>Gastroenterology</i> , 2010 , 138, 325-35.e1-2	13.3	211
70	Dendritic cells transfected with Her2 antigen-encoding RNA replicons cross-prime CD8 T cells and protect mice against tumor challenge. <i>Vaccine</i> , 2010 , 28, 7764-73	4.1	4
69	Natural killer cell function is intact after direct exposure to infectious hepatitis C virions. <i>Hepatology</i> , 2009 , 49, 12-21	11.2	87
68	The accelerating pace of HCV research: a summary of the 15th International Symposium on Hepatitis C Virus And Related Viruses. <i>Gastroenterology</i> , 2009 , 136, 9-16	13.3	10
67	More rare birds, and the occasional swan. <i>Gastroenterology</i> , 2009 , 136, 2412-4	13.3	13
66	Acute hepatitis C. <i>Gastroenterology</i> , 2009 , 136, 2411	13.3	2
65	Hepatitis C virus versus innate and adaptive immune responses: a tale of coevolution and coexistence. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1745-54	15.9	407
64	Determination of HCV-specific T-cell activity. <i>Methods in Molecular Biology</i> , 2009 , 510, 403-13	1.4	1
63	Analysis of HCV-specific T cells by flow cytometry. <i>Methods in Molecular Biology</i> , 2009 , 510, 415-26	1.4	1
62	Identification of CD4 T-cell epitopes in soluble liver antigen/liver pancreas autoantigen in autoimmune hepatitis. <i>Gastroenterology</i> , 2008 , 135, 2107-18	13.3	31

61	The kinetics of hepatitis C virus-specific CD8 T-cell responses in the blood mirror those in the liver in acute hepatitis C virus infection. <i>Journal of Virology</i> , 2008 , 82, 9782-8	6.6	17
60	Hepatitis C virus (HCV)-specific immune responses of long-term injection drug users frequently exposed to HCV. <i>Journal of Infectious Diseases</i> , 2008 , 198, 203-12	7	52
59	Cell culture-produced hepatitis C virus impairs plasmacytoid dendritic cell function. <i>Hepatology</i> , 2008 , 47, 385-95	11.2	89
58	Distinct KIR/HLA compound genotypes affect the kinetics of human antiviral natural killer cell responses. <i>Journal of Clinical Investigation</i> , 2008 , 118, 1017-26	15.9	124
57	Hepatitis C virus continuously escapes from neutralizing antibody and T-cell responses during chronic infection in vivo. <i>Gastroenterology</i> , 2007 , 132, 667-78	13.3	319
56	High levels of subgenomic HCV plasma RNA in immunosilent infections. <i>Virology</i> , 2007 , 365, 446-56	3.6	22
55	Chronic infections with hepatotropic viruses: mechanisms of impairment of cellular immune responses. <i>Seminars in Liver Disease</i> , 2007 , 27, 152-60	7.3	103
54	Hepatic NK, NKT, and T Cells 2007 , 71-82		2
53	The liver as an immunological organ. <i>Hepatology</i> , 2006 , 43, S54-62	11.2	816
52	Hepatitis C vaccines: Inducing and challenging memory T cells. <i>Hepatology</i> , 2006 , 43, 1395-8	11.2	20
51	Identification of novel chimpanzee MHC class I and II alleles using an improved sequence-based typing strategy. <i>Human Immunology</i> , 2006 , 67, 63-72	2.3	9
50	Foxp3+CD4+CD25+ T cells control virus-specific memory T cells in chimpanzees that recovered from hepatitis C. <i>Blood</i> , 2006 , 107, 4424-32	2.2	107
49	Virus-induced type I IFN stimulates generation of immunoproteasomes at the site of infection. <i>Journal of Clinical Investigation</i> , 2006 , 116, 3006-14	15.9	119
48	Potent enhancement of cellular and humoral immune responses against recombinant hepatitis B antigens using AS02A adjuvant in healthy adults. <i>Vaccine</i> , 2005 , 23, 2591-601	4.1	38
47	Immunology of hepatitis B virus and hepatitis C virus infection. <i>Nature Reviews Immunology</i> , 2005 , 5, 215-29	36.5	1282
46	Hepatitis C virus and the threshold of natural killer cell inhibition. <i>Hepatology</i> , 2005 , 41, 675-7	11.2	4
45	Acute hepatitis C: a multifaceted disease. <i>Seminars in Liver Disease</i> , 2005 , 25, 7-17	7.3	56
44	Private aspects of heterologous immunity. <i>Journal of Experimental Medicine</i> , 2005 , 201, 667-70	16.6	35

43	Liver-directed gamma interferon gene delivery in chronic hepatitis C. <i>Journal of Virology</i> , 2005 , 79, 13417-20	22
42	Determination of hepatitis B virus-specific CD8+ T-cell activity in the liver. <i>Methods in Molecular Medicine</i> , 2004 , 96, 65-83	2
41	Cellular immune responses to the hepatitis B virus polymerase. <i>Journal of Immunology</i> , 2004 , 173, 5863-31	76
40	Immunization with hepatitis C virus-like particles induces humoral and cellular immune responses in nonhuman primates. <i>Journal of Virology</i> , 2004 , 78, 6995-7003	6.6 95
39	Peripheral CD4(+)CD8(+) T cells are differentiated effector memory cells with antiviral functions. <i>Blood</i> , 2004 , 104, 478-86	2.2 183
38	The liver as an immunological organ. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2004 , 19, S279-S283	4 11
37	Effects of antiviral therapy on the cellular immune response in acute hepatitis C. <i>Hepatology</i> , 2004 , 40, 87-97	11.2 120
36	Dendritic cells transfected with cytopathic self-replicating RNA induce crosspriming of CD8+ T cells and antiviral immunity. <i>Immunity</i> , 2004 , 20, 47-58	32.3 45
35	Hepatitis C virus mutation affects proteasomal epitope processing. <i>Journal of Clinical Investigation</i> , 2004 , 114, 250-259	15.9 108
34	Hepatitis C virus mutation affects proteasomal epitope processing. <i>Journal of Clinical Investigation</i> , 2004 , 114, 250-9	15.9 64
33	The clearance of hepatitis C virus infection in chimpanzees may not necessarily correlate with the appearance of acquired immunity. <i>Journal of Virology</i> , 2003 , 77, 862-70	6.6 74
32	Immune responses in hepatitis B virus infection. <i>Seminars in Liver Disease</i> , 2003 , 23, 21-38	7.3 74
31	Chronic hepatitis B and hepatocarcinogenesis: does prevention of "collateral damage" bring the cure?. <i>Hepatology</i> , 2003 , 37, 707-10	11.2 11
30	Chronic HCV infection and the clonality of intrahepatic T cells. <i>Journal of Hepatology</i> , 2003 , 38, 677-80	13.4 3
29	Hepatitis C virus infection: when silence is deception. <i>Trends in Immunology</i> , 2003 , 24, 456-64	14.4 83
28	Kinetics of CD4+ and CD8+ memory T-cell responses during hepatitis C virus rechallenge of previously recovered chimpanzees. <i>Journal of Virology</i> , 2003 , 77, 4781-93	6.6 166
27	Molecular and immunological significance of chimpanzee major histocompatibility complex haplotypes for hepatitis C virus immune response and vaccination studies. <i>Journal of Virology</i> , 2002 , 76, 6093-103	6.6 29
26	Previously infected and recovered chimpanzees exhibit rapid responses that control hepatitis C virus replication upon rechallenge. <i>Journal of Virology</i> , 2002 , 76, 6586-95	6.6 158

25	Impaired effector function of hepatitis C virus-specific CD8+ T cells in chronic hepatitis C virus infection. <i>Journal of Immunology</i> , 2002 , 169, 3447-58	5.3	540
24	Immune responses and immunity in hepatitis C virus infection. <i>Journal of Gastroenterology</i> , 2001 , 36, 799-808	6.9	17
23	Cross-reactivity between hepatitis C virus and Influenza A virus determinant-specific cytotoxic T cells. <i>Journal of Virology</i> , 2001 , 75, 11392-400	6.6	199
22	Genetic immunization of wild-type and hepatitis C virus transgenic mice reveals a hierarchy of cellular immune response and tolerance induction against hepatitis C virus structural proteins. <i>Journal of Virology</i> , 2001 , 75, 12121-7	6.6	28
21	Direct functional analysis of epitope-specific CD8+ T cells in peripheral blood. <i>Viral Immunology</i> , 2001 , 14, 59-69	1.7	47
20	Emergence of a distinct pattern of viral mutations in chimpanzees infected with a homogeneous inoculum of hepatitis C virus. <i>Gastroenterology</i> , 2001 , 121, 1226-33	13.3	49
19	Oral immunization with HCV-NS3-transformed Salmonella: induction of HCV-specific CTL in a transgenic mouse model. <i>Gastroenterology</i> , 2001 , 121, 1158-66	13.3	56
18	Pathogenesis, natural history, treatment, and prevention of hepatitis C. <i>Annals of Internal Medicine</i> , 2000 , 132, 296-305	8	647
17	8 Immunopathogenesis of hepatitis C. <i>Biomedical Research Reports</i> , 2000 , 2, 147-168		1
16	Cellular immune responses persist and humoral responses decrease two decades after recovery from a single-source outbreak of hepatitis C. <i>Nature Medicine</i> , 2000 , 6, 578-82	50.5	612
15	Efficient generation of a hepatitis B virus cytotoxic T lymphocyte epitope requires the structural features of immunoproteasomes. <i>Journal of Experimental Medicine</i> , 2000 , 191, 503-14	16.6	131
14	Interaction between the hepatitis C virus and the immune system. <i>Seminars in Liver Disease</i> , 2000 , 20, 127-41	7.3	108
13	Intrahepatic T cells in hepatitis B: viral control versus liver cell injury. <i>Journal of Experimental Medicine</i> , 2000 , 191, 1263-8	16.6	90
12	Quantitative analysis of hepatitis C virus-specific CD8(+) T cells in peripheral blood and liver using peptide-MHC tetramers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 5692-7	11.5	365
11	Immunopathology of hepatitis C. <i>Seminars in Immunopathology</i> , 1997 , 19, 57-68		58
10	Immunological significance of cytotoxic T lymphocyte epitope variants in patients chronically infected by the hepatitis C virus. <i>Journal of Clinical Investigation</i> , 1997 , 100, 2376-85	15.9	251
9	Serological pattern of hepatitis C virus recurrence after liver transplantation. <i>Journal of Hepatology</i> , 1996 , 24, 15-20	13.4	10
8	Immunologic aspects of acute and chronic hepatitis B and C. <i>Current Opinion in Gastroenterology</i> , 1996 , 12, 554-559	3	5

7	Immunopathogenesis of viral hepatitis. <i>Baillieres Clinical Gastroenterology</i> , 1996 , 10, 483-500		10
6	The hepatitis B virus persists for decades after patients' recovery from acute viral hepatitis despite active maintenance of a cytotoxic T-lymphocyte response. <i>Nature Medicine</i> , 1996 , 2, 1104-8	50.5	677
5	Cytotoxic T lymphocyte responsiveness after resolution of chronic hepatitis B virus infection. <i>Journal of Clinical Investigation</i> , 1996 , 97, 1655-65	15.9	232
4	Long-lasting memory T cell responses following self-limited acute hepatitis B. <i>Journal of Clinical Investigation</i> , 1996 , 98, 1185-94	15.9	225
3	Quantitative analysis of the peripheral blood cytotoxic T lymphocyte response in patients with chronic hepatitis C virus infection. <i>Journal of Clinical Investigation</i> , 1996 , 98, 1432-40	15.9	233
2	The cytotoxic T lymphocyte response to multiple hepatitis B virus polymerase epitopes during and after acute viral hepatitis. <i>Journal of Experimental Medicine</i> , 1995 , 181, 1047-58	16.6	428
1	Interleukin-6 in liver diseases. <i>Journal of Hepatology</i> , 1992 , 15, 277-80	13.4	6