

Jannick Prentoe

List of Publications by Year in descending order

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32
papers

1,283
citations

394421

19
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

1019
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.7	201
2	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.	3.4	128
3	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.	3.4	120
4	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.	3.4	109
5	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.	10.3	77
6	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.	7.3	69
7	Neutralization resistance of hepatitis C virus can be overcome by recombinant human monoclonal antibodies. <i>Hepatology</i> , 2013, 58, 1587-1597.	7.3	47
8	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.	4.8	45
9	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.	4.7	45
10	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.	7.1	44
11	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.	3.4	43
12	HVR1-mediated antibody evasion of highly infectious in vivo adapted HCV in humanised mice. <i>Gut</i> , 2016, 65, 1988-1997.	12.1	38
13	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.	4.7	34
14	Global and local envelope protein dynamics of hepatitis C virus determine broad antibody sensitivity. <i>Science Advances</i> , 2020, 6, eabb5938.	10.3	29
15	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.	3.4	26
16	An alternate conformation of HCV E2 neutralizing face as an additional vaccine target. <i>Science Advances</i> , 2020, 6, eabb5642.	10.3	26
17	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.	4.7	23
18	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.	14.3	23

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19	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.	2.4	22
20	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, .	3.4	21
21	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.	2.4	20
22	Hepatitis C Virus Escape Studies for Human Monoclonal Antibody AR4A Reveal Isolate-Specific Resistance and a High Barrier to Resistance. <i>Journal of Infectious Diseases</i> , 2019, 219, 68-79.	4.0	15
23	Specific Antibodies Induced by Immunization with Hepatitis B Virus-Like Particles Carrying Hepatitis C Virus Envelope Glycoprotein 2 Epitopes Show Differential Neutralization Efficiency. <i>Vaccines</i> , 2020, 8, 294.	4.4	14
24	Identification of Piperazinylbenzenesulfonamides as New Inhibitors of Claudin-1 Trafficking and Hepatitis C Virus Entry. <i>Journal of Virology</i> , 2018, 92, .	3.4	12
25	Mechanisms of Hepatitis C Virus Escape from Vaccine-Relevant Neutralizing Antibodies. <i>Vaccines</i> , 2021, 9, 291.	4.4	11
26	Inactivated whole hepatitis C virus vaccine employing a licensed adjuvant elicits cross-genotype neutralizing antibodies in mice. <i>Journal of Hepatology</i> , 2022, 76, 1051-1061.	3.7	11
27	High density Huh7.5 cell hollow fiber bioreactor culture for high-yield production of hepatitis C virus and studies of antivirals. <i>Scientific Reports</i> , 2018, 8, 17505.	3.3	10
28	Hepatitis C virus envelope protein dynamics and the link to hypervariable region 1. <i>Current Opinion in Virology</i> , 2021, 50, 69-75.	5.4	8
29	In Vitro Neutralization Assay Using Cultured Hepatitis C Virus. <i>Methods in Molecular Biology</i> , 2019, 1911, 433-439.	0.9	7
30	In vitro adaptation and characterization of attenuated hypervariable region 1 swap chimeras of hepatitis C virus. <i>PLoS Pathogens</i> , 2021, 17, e1009720.	4.7	3
31	Antigenic and immunogenic evaluation of permutations of soluble hepatitis C virus envelope protein E2 and E1 antigens. <i>PLoS ONE</i> , 2021, 16, e0255336.	2.5	2
32	Identification of Novel Determinants of Neutralization Epitope Shielding for Hepatitis C Virus in Vitro. <i>Proceedings (mdpi)</i> , 2020, 50, .	0.2	0