

# Alexander W Tarr

## List of Publications by Citations

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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.

67  
papers

2,853  
citations

27  
h-index

53  
g-index

80  
ext. papers

3,291  
ext. citations

7.2  
avg, IF

4.7  
L-index

#	Paper	IF	Citations
67	Broadly neutralizing antibodies protect against hepatitis C virus quasispecies challenge. <i>Nature Medicine</i> , <b>2008</b> , 14, 25-7	50.5	466
66	Monoclonal antibody AP33 defines a broadly neutralizing epitope on the hepatitis C virus E2 envelope glycoprotein. <i>Journal of Virology</i> , <b>2005</b> , 79, 11095-104	6.6	234
65	Characterization of host-range and cell entry properties of the major genotypes and subtypes of hepatitis C virus. <i>Hepatology</i> , <b>2005</b> , 41, 265-74	11.2	221
64	Identification of conserved residues in the E2 envelope glycoprotein of the hepatitis C virus that are critical for CD81 binding. <i>Journal of Virology</i> , <b>2006</b> , 80, 8695-704	6.6	204
63	Characterization of the hepatitis C virus E2 epitope defined by the broadly neutralizing monoclonal antibody AP33. <i>Hepatology</i> , <b>2006</b> , 43, 592-601	11.2	132
62	Broadly neutralizing human monoclonal antibodies to the hepatitis C virus E2 glycoprotein. <i>Journal of General Virology</i> , <b>2008</b> , 89, 653-659	4.9	121
61	Human combinatorial libraries yield rare antibodies that broadly neutralize hepatitis C virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 16269-74	11.5	115
60	Identification of a broadly cross-reacting and neutralizing human monoclonal antibody directed against the hepatitis C virus E2 protein. <i>Journal of Virology</i> , <b>2008</b> , 82, 1047-52	6.6	110
59	The past, present and future of neutralizing antibodies for hepatitis C virus. <i>Antiviral Research</i> , <b>2014</b> , 105, 100-11	10.8	95
58	Human lectins and their roles in viral infections. <i>Molecules</i> , <b>2015</b> , 20, 2229-71	4.8	62
57	Structural flexibility of a conserved antigenic region in hepatitis C virus glycoprotein E2 recognized by broadly neutralizing antibodies. <i>Journal of Virology</i> , <b>2015</b> , 89, 2170-81	6.6	62
56	Identification of new functional regions in hepatitis C virus envelope glycoprotein E2. <i>Journal of Virology</i> , <b>2011</b> , 85, 1777-92	6.6	62
55	An alpaca nanobody inhibits hepatitis C virus entry and cell-to-cell transmission. <i>Hepatology</i> , <b>2013</b> , 58, 932-9	11.2	56
54	Determination of the human antibody response to the epitope defined by the hepatitis C virus-neutralizing monoclonal antibody AP33. <i>Journal of General Virology</i> , <b>2007</b> , 88, 2991-3001	4.9	56
53	The role of neutralizing antibodies in hepatitis C virus infection. <i>Journal of General Virology</i> , <b>2012</b> , 93, 1-19	4.9	51
52	Naturally occurring antibodies that recognize linear epitopes in the amino terminus of the hepatitis C virus E2 protein confer noninterfering, additive neutralization. <i>Journal of Virology</i> , <b>2012</b> , 86, 2739-49	6.6	48
51	Specific interaction of hepatitis C virus glycoproteins with mannan binding lectin inhibits virus entry. <i>Protein and Cell</i> , <b>2010</b> , 1, 664-74	7.2	48

50	A Diverse Panel of Hepatitis C Virus Glycoproteins for Use in Vaccine Research Reveals Extremes of Monoclonal Antibody Neutralization Resistance. <i>Journal of Virology</i> , <b>2015</b> , 90, 3288-301	6.6	47
49	Hepatitis C patient-derived glycoproteins exhibit marked differences in susceptibility to serum neutralizing antibodies: genetic subtype defines antigenic but not neutralization serotype. <i>Journal of Virology</i> , <b>2011</b> , 85, 4246-57	6.6	46
48	Genetic Diversity Underlying the Envelope Glycoproteins of Hepatitis C Virus: Structural and Functional Consequences and the Implications for Vaccine Design. <i>Viruses</i> , <b>2015</b> , 7, 3995-4046	6.2	38
47	Structural and antigenic definition of hepatitis C virus E2 glycoprotein epitopes targeted by monoclonal antibodies. <i>Clinical and Developmental Immunology</i> , <b>2013</b> , 2013, 450963		37
46	B-cell receptors expressed by lymphomas of hepatitis C virus (HCV)-infected patients rarely react with the viral proteins. <i>Blood</i> , <b>2014</b> , 123, 1512-5	2.2	34
45	Evolutionary dynamics of hepatitis C virus envelope genes during chronic infection. <i>Journal of General Virology</i> , <b>2005</b> , 86, 1931-1942	4.9	33
44	Colicin import into E. coli cells: a model system for insights into the import mechanisms of bacteriocins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2014</b> , 1843, 1717-31	4.9	32
43	The role of humoral innate immunity in hepatitis C virus infection. <i>Viruses</i> , <b>2012</b> , 4, 1-27	6.2	32
42	Hepatitis C virus envelope glycoprotein fitness defines virus population composition following transmission to a new host. <i>Journal of Virology</i> , <b>2012</b> , 86, 11956-66	6.6	30
41	Novel functional hepatitis C virus glycoprotein isolates identified using an optimized viral pseudotype entry assay. <i>Journal of General Virology</i> , <b>2016</b> , 97, 2265-2279	4.9	30
40	Analysis of the binding of hepatitis C virus genotype 1a and 1b E2 glycoproteins to peripheral blood mononuclear cell subsets. <i>Journal of General Virology</i> , <b>2005</b> , 86, 2507-2512	4.9	26
39	Recombinant human L-ficolin directly neutralizes hepatitis C virus entry. <i>Journal of Innate Immunity</i> , <b>2014</b> , 6, 676-84	6.9	25
38	Hepatitis C Virus Vaccine: Challenges and Prospects. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	24
37	Cloning, expression, and functional analysis of patient-derived hepatitis C virus glycoproteins. <i>Methods in Molecular Biology</i> , <b>2007</b> , 379, 177-97	1.4	24
36	Cross-genotype characterization of genetic diversity and molecular adaptation in hepatitis C virus envelope glycoprotein genes. <i>Journal of General Virology</i> , <b>2007</b> , 88, 458-469	4.9	23
35	Enhanced nanoparticle uptake into virus infected cells: Could nanoparticles be useful in antiviral therapy?. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 547, 572-581	6.5	20
34	The P body protein LSM1 contributes to stimulation of hepatitis C virus translation, but not replication, by microRNA-122. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 1257-69	20.1	19
33	High resolution sequencing of hepatitis C virus reveals limited intra-hepatic compartmentalization in end-stage liver disease. <i>Journal of Hepatology</i> , <b>2017</b> , 66, 28-38	13.4	17

32	Two doses of the SARS-CoV-2 BNT162b2 vaccine enhance antibody responses to variants in individuals with prior SARS-CoV-2 infection. <i>Science Translational Medicine</i> , <b>2021</b> , 13, eabj0847	17.5	16
31	Perceptions and Experiences of the University of Nottingham Pilot SARS-CoV-2 Asymptomatic Testing Service: A Mixed-Methods Study. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 18,	4.6	15
30	Cross-genotype AR3-specific neutralizing antibodies confer long-term protection in injecting drug users after HCV clearance. <i>Journal of Hepatology</i> , <b>2019</b> , 71, 14-24	13.4	12
29	Dramatic potentiation of the antiviral activity of HIV antibodies by cholesterol conjugation. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 35015-28	5.4	12
28	Interferon-Induced Transmembrane Proteins Mediate Viral Evasion in Acute and Chronic Hepatitis C Virus Infection. <i>Hepatology</i> , <b>2019</b> , 70, 1506-1520	11.2	11
27	Flexible and rapid construction of viral chimeras applied to hepatitis C virus. <i>Journal of General Virology</i> , <b>2016</b> , 97, 2187-2193	4.9	11
26	Functional and immunogenic characterization of diverse HCV glycoprotein E2 variants. <i>Journal of Hepatology</i> , <b>2019</b> , 70, 593-602	13.4	11
25	Liver-expressed and limit hepatitis C virus cross-species transmission to mice. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	9
24	Technical considerations for the generation of novel pseudotyped viruses. <i>Future Virology</i> , <b>2016</b> , 11, 47-59	2.4	9
23	Non-ionic detergents facilitate non-specific binding of M13 bacteriophage to polystyrene surfaces. <i>Journal of Virological Methods</i> , <b>2015</b> , 221, 1-8	2.6	7
22	Human Bocavirus infection and respiratory tract disease identified in a UK patient cohort. <i>Journal of Clinical Virology</i> , <b>2020</b> , 129, 104453	14.5	7
21	Entry inhibition of HSV-1 and -2 protects mice from viral lethal challenge. <i>Antiviral Research</i> , <b>2017</b> , 143, 48-61	10.8	5
20	Elevated serum activity of MBL and ficolin-2 as biomarkers for progression to hepatocellular carcinoma in chronic HCV infection. <i>Virology</i> , <b>2019</b> , 530, 99-106	3.6	5
19	Association of antibodies to hepatitis C virus glycoproteins 1 and 2 (anti-E1E2) with HCV disease. <i>Journal of Viral Hepatitis</i> , <b>2008</b> , 15, 339-45	3.4	5
18	Immunocompromised children and young people are at no increased risk of severe COVID-19. <i>Journal of Infection</i> , <b>2021</b> ,	18.9	5
17	Nanopore sequencing from extraction-free direct PCR of dried serum spots for portable hepatitis B virus drug-resistance typing. <i>Journal of Clinical Virology</i> , <b>2020</b> , 129, 104483	14.5	4
16	Type I interferon rapidly restricts infectious hepatitis C virus particle genesis. <i>Hepatology</i> , <b>2014</b> , 60, 1891-1901	11.2	4
15	Immunization with a synthetic consensus hepatitis C virus E2 glycoprotein ectodomain elicits virus-neutralizing antibodies. <i>Antiviral Research</i> , <b>2018</b> , 160, 25-37	10.8	4

14	Rationally derived inhibitors of hepatitis C virus (HCV) p7 channel activity reveal prospect for bimodal antiviral therapy. <i>ELife</i> , <b>2020</b> , 9,	8.9	3
13	Cloning and Analysis of Authentic Patient-Derived HCV E1/E2 Glycoproteins. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1911, 275-294	1.4	3
12	Hepatitis C virus quasispecies and pseudotype analysis from acute infection to chronicity in HIV-1 co-infected individuals. <i>Virology</i> , <b>2016</b> , 492, 213-24	3.6	3
11	Analysis of serine codon conservation reveals diverse phenotypic constraints on hepatitis C virus glycoprotein evolution. <i>Journal of Virology</i> , <b>2014</b> , 88, 667-78	6.6	2
10	An Antigenically Diverse, Representative Panel of Envelope Glycoproteins for Hepatitis C Virus Vaccine Development. <i>Gastroenterology</i> , <b>2021</b> ,	13.3	2
9	Extraction-free direct PCR from dried serum spots permits HBV genotyping and RAS identification by Sanger and minION sequencing		2
8	Tagged polymerase chain reaction subtractive hybridization for the enrichment of phage display random peptide libraries. <i>Analytical Biochemistry</i> , <b>2005</b> , 339, 61-8	3.1	1
7	InFusion Cloning for the Generation of Biologically Relevant HCV Chimeric Molecular Clones. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1911, 93-104	1.4	1
6	Expression of human ficolin-2 in hepatocytes confers resistance to infection by diverse hepatotropic viruses. <i>Journal of Medical Microbiology</i> , <b>2019</b> , 68, 642-648	3.2	1
5	Potent anti-SARS-CoV-2 Antibody Responses are Associated with Better Prognosis in Hospital Inpatient COVID-19 Disease		1
4	Rationally derived inhibitors of hepatitis C virus (HCV) p7 channel activity reveal prospect for bimodal antiviral therapy		1
3	Enterovirus subtyping in a routine UK laboratory setting between 2013 and 2017. <i>Journal of Clinical Virology</i> , <b>2020</b> , 132, 104646	14.5	0
2	How have retrovirus pseudotypes contributed to our understanding of viral entry?. <i>Future Virology</i> , <b>2017</b> , 12, 569-581	2.4	
1	The HCV Envelope Glycoprotein Down-Modulates NF- $\kappa$ B Signalling and Associates With Stimulation of the Host Endoplasmic Reticulum Stress Pathway.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 831695	8.4	