

# Richard J P Brown

## List of Publications by Citations

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59  
papers

1,805  
citations

24  
h-index

42  
g-index

61  
ext. papers

2,096  
ext. citations

8  
avg, IF

4.2  
L-index

#	Paper	IF	Citations
59	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
58	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
57	Turmeric curcumin inhibits entry of all hepatitis C virus genotypes into human liver cells. <i>Gut</i> , <b>2014</b> , 63, 1137-49	19.2	119
56	In vivo evidence for ribavirin-induced mutagenesis of the hepatitis E virus genome. <i>Gut</i> , <b>2016</b> , 65, 1733-43	19.2	101
55	Clinical course of infection and viral tissue tropism of hepatitis C virus-like nonprimate hepaciviruses in horses. <i>Hepatology</i> , <b>2015</b> , 61, 447-59	11.2	99
54	Non-macrophage-tropic human immunodeficiency virus type 1 R5 envelopes predominate in blood, lymph nodes, and semen: implications for transmission and pathogenesis. <i>Journal of Virology</i> , <b>2006</b> , 80, 6324-32	6.6	89
53	Variation in HIV-1 R5 macrophage-tropism correlates with sensitivity to reagents that block envelope: CD4 interactions but not with sensitivity to other entry inhibitors. <i>Retrovirology</i> , <b>2008</b> , 5, 5	3.6	69
52	Natural reservoirs for homologs of hepatitis C virus. <i>Emerging Microbes and Infections</i> , <b>2014</b> , 3, e21	18.9	65
51	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
50	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
49	Flunarizine prevents hepatitis C virus membrane fusion in a genotype-dependent manner by targeting the potential fusion peptide within E1. <i>Hepatology</i> , <b>2016</b> , 63, 49-62	11.2	53
48	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
47	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
46	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
45	Intercompartmental recombination of HIV-1 contributes to env intrahost diversity and modulates viral tropism and sensitivity to entry inhibitors. <i>Journal of Virology</i> , <b>2011</b> , 85, 6024-37	6.6	44
44	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
43	Hepatitis E Virus (HEV) ORF2 Antigen Levels Differentiate Between Acute and Chronic HEV Infection. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214, 361-8	7	37

42	Immune protection against reinfection with nonprimate hepacivirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E2430-E2439	11.5	36
41	Mutagenic Effects of Ribavirin on Hepatitis E Virus-Viral Extinction versus Selection of Fitness-Enhancing Mutations. <i>Viruses</i> , <b>2016</b> , 8,	6.2	35
40	Cell entry, efficient RNA replication, and production of infectious hepatitis C virus progeny in mouse liver-derived cells. <i>Hepatology</i> , <b>2014</b> , 59, 78-88	11.2	34
39	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
38	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
37	Hepatitis E virus replication and interferon responses in human placental cells. <i>Hepatology Communications</i> , <b>2018</b> , 2, 173-187	6	26
36	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
35	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
34	Hepatitis C Virus. <i>Trends in Microbiology</i> , <b>2019</b> , 27, 379-380	12.4	21
33	Variation in the biological properties of HIV-1 R5 envelopes: implications of envelope structure, transmission and pathogenesis. <i>Future Virology</i> , <b>2010</b> , 5, 435-451	2.4	19
32	Vertical transmission of hepatitis C virus-like non-primate hepacivirus in horses. <i>Journal of General Virology</i> , <b>2016</b> , 97, 2540-2551	4.9	19
31	Characterization of hepatitis C virus intra- and intergenotypic chimeras reveals a role of the glycoproteins in virus envelopment. <i>Journal of Virology</i> , <b>2013</b> , 87, 13297-306	6.6	18
30	Hepacivirus NS3/4A Proteases Interfere with MAVS Signaling in both Their Cognate Animal Hosts and Humans: Implications for Zoonotic Transmission. <i>Journal of Virology</i> , <b>2016</b> , 90, 10670-10681	6.6	17
29	Targeting a host-cell entry factor barricades antiviral-resistant HCV variants from on-therapy breakthrough in human-liver mice. <i>Gut</i> , <b>2016</b> , 65, 2029-2034	19.2	16
28	Mannan binding lectin-associated serine protease 1 is induced by hepatitis C virus infection and activates human hepatic stellate cells. <i>Clinical and Experimental Immunology</i> , <b>2013</b> , 174, 265-73	6.2	16
27	Hepatitis C Virus Strain-Dependent Usage of Apolipoprotein E Modulates Assembly Efficiency and Specific Infectivity of Secreted Virions. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	15
26	A central hydrophobic E1 region controls the pH range of hepatitis C virus membrane fusion and susceptibility to fusion inhibitors. <i>Journal of Hepatology</i> , <b>2019</b> , 70, 1082-1092	13.4	12
25	Functional and immunogenic characterization of diverse HCV glycoprotein E2 variants. <i>Journal of Hepatology</i> , <b>2019</b> , 70, 593-602	13.4	11

24	Development of a high-throughput pyrosequencing assay for monitoring temporal evolution and resistance associated variant emergence in the Hepatitis C virus protease coding-region. <i>Antiviral Research</i> , <b>2014</b> , 110, 52-9	10.8	10
23	C19orf66 is an interferon-induced inhibitor of HCV replication that restricts formation of the viral replication organelle. <i>Journal of Hepatology</i> , <b>2020</b> , 73, 549-558	13.4	10
22	Liver-expressed and limit hepatitis C virus cross-species transmission to mice. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	9
21	Acute hepatitis C virus infection: a dynamic-and challenging-concept. <i>Journal of Infectious Diseases</i> , <b>2010</b> , 202, 1765-7	7	8
20	Yellow Fever: Integrating Current Knowledge with Technological Innovations to Identify Strategies for Controlling a Re-Emerging Virus. <i>Viruses</i> , <b>2019</b> , 11,	6.2	7
19	Incorporation of primary patient-derived glycoproteins into authentic infectious hepatitis C virus particles. <i>Hepatology</i> , <b>2014</b> , 60, 508-20	11.2	7
18	Exacerbation of hepatitis E virus infection during anti-TNF $\alpha$ treatment. <i>Joint Bone Spine</i> , <b>2017</b> , 84, 217-219	9	6
17	Efficient acute and chronic infection of stem cell-derived hepatocytes by hepatitis C virus. <i>Gut</i> , <b>2020</b> , 69, 1659-1666	19.2	5
16	Tracking HCV protease population diversity during transmission and susceptibility of founder populations to antiviral therapy. <i>Antiviral Research</i> , <b>2017</b> , 139, 129-137	10.8	4
15	Ion Channel Function and Cross-Species Determinants in Viral Assembly of Nonprimate Hepacivirus p7. <i>Journal of Virology</i> , <b>2016</b> , 90, 5075-5089	6.6	4
14	A case of hepatitis C virus transmission acquired through sharing a haemodialysis machine. <i>CKJ: Clinical Kidney Journal</i> , <b>2011</b> , 4, 32-5	4.5	4
13	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
12	Single-cell transcriptomic analysis of antiviral responses and viral antagonism in Chikungunya virus-infected synovial fibroblasts		3
11	Initial HCV infection of adult hepatocytes triggers a temporally structured transcriptional program containing diverse pro- and anti-viral elements. <i>Journal of Virology</i> , <b>2021</b> ,	6.6	3
10	Identification of Keratin 23 as a Hepatitis C Virus-Induced Host Factor in the Human Liver. <i>Cells</i> , <b>2019</b> , 8,	7.9	2
9	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
8	Single-cell analysis of arthritogenic alphavirus-infected human synovial fibroblasts links low abundance of viral RNA to induction of innate immunity and arthralgia-associated gene expression. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 2151-2168	18.9	2
7	Use of short tandem repeat fingerprinting to validate sample origins in hepatitis C virus molecular epidemiology studies. <i>Journal of General Virology</i> , <b>2014</b> , 95, 66-70	4.9	2

6	Molecular characteristics and successful management of a respiratory syncytial virus outbreak among pediatric patients with hemato-oncological disease. <i>Antimicrobial Resistance and Infection Control</i> , <b>2018</b> , 7, 21	6.2	1
5	Intra-host analysis of hepaciviral glycoprotein evolution reveals signatures associated with viral persistence and clearance.. <i>Virus Evolution</i> , <b>2022</b> , 8, veac007	3.7	1
4	Strategies to Inhibit Hepatitis B Virus at the Transcript Level. <i>Viruses</i> , <b>2021</b> , 13,	6.2	1
3	Generation of hiPSC-derived low threshold mechanoreceptors containing axonal termini resembling bulbous sensory nerve endings and expressing Piezo1 and Piezo2. <i>Stem Cell Research</i> , <b>2021</b> , 56, 102535	1.6	1
2	The Human Liver-Expressed Lectin CD302 Restricts Hepatitis C Virus Infection.. <i>Journal of Virology</i> , <b>2022</b> , e0199521	6.6	0
1	Exacerbation d'infection par le virus de l'hépatite E au cours d'un traitement par anti-TNF. <i>Revue Du Rhumatisme (Edition Francaise)</i> , <b>2017</b> , 84, 244-247	0.1	