

Marlene Dreux

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.

45
papers

7,085
citations

30
h-index

48
g-index

48
ext. papers

7,868
ext. citations

9.1
avg, IF

5.37
L-index

#	Paper	IF	Citations
45	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.	11.2	2783
44	Construction and characterization of infectious intragenotypic and intergenotypic hepatitis C virus chimeras. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 7408-13	11.5	600
43	The autophagy machinery is required to initiate hepatitis C virus replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 14046-51	11.5	380
42	Short-range exosomal transfer of viral RNA from infected cells to plasmacytoid dendritic cells triggers innate immunity. <i>Cell Host and Microbe</i> , 2012 , 12, 558-70	23.4	345
41	Structural basis of steroid hormone perception by the receptor kinase BRI1. <i>Nature</i> , 2011 , 474, 467-71	50.4	279
40	Human broadly neutralizing antibodies to the envelope glycoprotein complex of hepatitis C virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 6205-10	11.5	256
39	Interplay between SARS-CoV-2 and the type I interferon response. <i>PLoS Pathogens</i> , 2020 , 16, e1008737	7.6	244
38	An interplay between hypervariable region 1 of the hepatitis C virus E2 glycoprotein, the scavenger receptor BI, and high-density lipoprotein promotes both enhancement of infection and protection against neutralizing antibodies. <i>Journal of Virology</i> , 2005 , 79, 8217-29	6.6	238
37	High density lipoprotein inhibits hepatitis C virus-neutralizing antibodies by stimulating cell entry via activation of the scavenger receptor BI. <i>Journal of Biological Chemistry</i> , 2006 , 281, 18285-95	5.4	169
36	A multi-colour/multi-affinity marker set to visualize phosphoinositide dynamics in Arabidopsis. <i>Plant Journal</i> , 2014 , 77, 322-37	6.9	159
35	Characterization of fusion determinants points to the involvement of three discrete regions of both E1 and E2 glycoproteins in the membrane fusion process of hepatitis C virus. <i>Journal of Virology</i> , 2007 , 81, 8752-65	6.6	144
34	Inhibition of hepatitis C virus infection by anti-claudin-1 antibodies is mediated by neutralization of E2-CD81-claudin-1 associations. <i>Hepatology</i> , 2010 , 51, 1144-57	11.2	130
33	Production of infectious hepatitis C virus in primary cultures of human adult hepatocytes. <i>Gastroenterology</i> , 2010 , 139, 1355-64	13.3	126
32	Receptor complementation and mutagenesis reveal SR-BI as an essential HCV entry factor and functionally imply its intra- and extra-cellular domains. <i>PLoS Pathogens</i> , 2009 , 5, e1000310	7.6	100
31	Characterization of hepatitis C virus particle subpopulations reveals multiple usage of the scavenger receptor BI for entry steps. <i>Journal of Biological Chemistry</i> , 2012 , 287, 31242-57	5.4	87
30	High-density lipoproteins reduce the neutralizing effect of hepatitis C virus (HCV)-infected patient antibodies by promoting HCV entry. <i>Journal of General Virology</i> , 2006 , 87, 2577-2581	4.9	76
29	Hepatitis C virus is primed by CD81 protein for low pH-dependent fusion. <i>Journal of Biological Chemistry</i> , 2011 , 286, 30361-30376	5.4	75

28	Amphipathic DNA polymers inhibit hepatitis C virus infection by blocking viral entry. <i>Gastroenterology</i> , 2009 , 137, 673-81	13.3	72
27	The exchangeable apolipoprotein ApoC-I promotes membrane fusion of hepatitis C virus. <i>Journal of Biological Chemistry</i> , 2007 , 282, 32357-69	5.4	71
26	Neutralizing host responses in hepatitis C virus infection target viral entry at postbinding steps and membrane fusion. <i>Gastroenterology</i> , 2008 , 135, 1719-1728.e1	13.3	62
25	HCV transmission by hepatic exosomes establishes a productive infection. <i>Journal of Hepatology</i> , 2014 , 60, 674-5	13.4	61
24	The postbinding activity of scavenger receptor class B type I mediates initiation of hepatitis C virus infection and viral dissemination. <i>Hepatology</i> , 2013 , 57, 492-504	11.2	60
23	Evidence for protection against chronic hepatitis C virus infection in chimpanzees by immunization with replicating recombinant vaccinia virus. <i>Journal of Virology</i> , 2008 , 82, 10896-905	6.6	50
22	Impact of the autophagy machinery on hepatitis C virus infection. <i>Viruses</i> , 2011 , 3, 1342-57	6.2	45
21	A point mutation leading to hepatitis C virus escape from neutralization by a monoclonal antibody to a conserved conformational epitope. <i>Journal of Virology</i> , 2008 , 82, 6067-72	6.6	44
20	Sensing of immature particles produced by dengue virus infected cells induces an antiviral response by plasmacytoid dendritic cells. <i>PLoS Pathogens</i> , 2014 , 10, e1004434	7.6	43
19	Interference with the production of infectious viral particles and bimodal inhibition of replication are broadly conserved antiviral properties of IFITMs. <i>PLoS Pathogens</i> , 2017 , 13, e1006610	7.6	39
18	Cell-Cell Sensing of Viral Infection by Plasmacytoid Dendritic Cells. <i>Journal of Virology</i> , 2016 , 90, 10050-10053	10.53	36
17	Clearance of genotype 1b hepatitis C virus in chimpanzees in the presence of vaccine-induced E1-neutralizing antibodies. <i>Journal of Infectious Diseases</i> , 2011 , 204, 837-44	7	33
16	Scavenger receptor class B type I and the hypervariable region-1 of hepatitis C virus in cell entry and neutralisation. <i>Expert Reviews in Molecular Medicine</i> , 2011 , 13, e13	6.7	32
15	Plasmacytoid dendritic cells control dengue and Chikungunya virus infections via IRF7-regulated interferon responses. <i>ELife</i> , 2018 , 7,	8.9	30
14	Polyclonal expansion of TCR Vbeta 21.3 CD4 and CD8 T cells is a hallmark of Multisystem Inflammatory Syndrome in Children. <i>Science Immunology</i> , 2021 , 6,	28	28
13	Plasmacytoid Dendritic Cells and Infected Cells Form an Interferogenic Synapse Required for Antiviral Responses. <i>Cell Host and Microbe</i> , 2019 , 25, 730-745.e6	23.4	27
12	Daclatasvir Prevents Hepatitis C Virus Infectivity by Blocking Transfer of the Viral Genome to Assembly Sites. <i>Gastroenterology</i> , 2017 , 152, 895-907.e14	13.3	24
11	Functional and Biochemical Characterization of Hepatitis C Virus (HCV) Particles Produced in a Humanized Liver Mouse Model. <i>Journal of Biological Chemistry</i> , 2015 , 290, 23173-87	5.4	24

10	Regulation of the Host Antiviral State by Intercellular Communications. <i>Viruses</i> , 2015 , 7, 4707-33	6.2	21
9	Immature particles and capsid-free viral RNA produced by Yellow fever virus-infected cells stimulate plasmacytoid dendritic cells to secrete interferons. <i>Scientific Reports</i> , 2018 , 8, 10889	4.9	18
8	Sensing of cell-associated HTLV by plasmacytoid dendritic cells is regulated by dense β -galactoside glycosylation. <i>PLoS Pathogens</i> , 2019 , 15, e1007589	7.6	17
7	Antiviral stilbene 1,2-diamines prevent initiation of hepatitis C virus RNA replication at the outset of infection. <i>Journal of Virology</i> , 2011 , 85, 5513-23	6.6	14
6	The scavenger receptor BI and its ligand, HDL: partners in crime against HCV neutralizing antibodies. <i>Journal of Viral Hepatitis</i> , 2007 , 14 Suppl 1, 68-76	3.4	12
5	An alternate conformation of HCV E2 neutralizing face as an additional vaccine target. <i>Science Advances</i> , 2020 , 6, eabb5642	14.3	9
4	Detection of neutralizing antibodies with HCV pseudoparticles (HCVpp). <i>Methods in Molecular Biology</i> , 2009 , 510, 427-38	1.4	7
3	Molecular determinants of SR-B1-dependent Plasmodium sporozoite entry into hepatocytes. <i>Scientific Reports</i> , 2020 , 10, 13509	4.9	5
2	SARS-CoV-2 infected cells trigger an acute antiviral response mediated by Plasmacytoid dendritic cells in mild but not severe COVID-19 patients		3
1	Differential Roles of Lipin1 and Lipin2 in the Hepatitis C Virus Replication Cycle. <i>Cells</i> , 2019 , 8,	7.9	2