

Matthew J Evans

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

56
papers

8,559
citations

33
h-index

57
g-index

57
ext. papers

9,419
ext. citations

11.5
avg, IF

5.49
L-index

#	Paper	IF	Citations
56	CytoF Profiling of Zika and Dengue Virus-Infected Human Peripheral Blood Mononuclear Cells Identifies Phenotypic Signatures of Monotype Subsets and Upregulation of the Interferon-Inducible Protein CD169. <i>MSphere</i> , 2021 , 6, e0050521	5	2
55	Early T follicular helper cell activity accelerates hepatitis C virus-specific B cell expansion. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	5
54	Deep Mutational Scanning to Map How Zika Envelope Protein Mutations Affect Viral Growth and Antibody Escape. <i>Proceedings (mdpi)</i> , 2020 , 50, 93	0.3	
53	Structural basis for STAT2 suppression by flavivirus NS5. <i>Nature Structural and Molecular Biology</i> , 2020 , 27, 875-885	17.6	18
52	Lyn kinase regulates egress of flaviviruses in autophagosome-derived organelles. <i>Nature Communications</i> , 2020 , 11, 5189	17.4	13
51	An Influenza Virus Entry Inhibitor Targets Class II PI3 Kinase and Synergizes with Oseltamivir. <i>ACS Infectious Diseases</i> , 2019 , 5, 1779-1793	5.5	8
50	Deep Mutational Scanning Comprehensively Maps How Zika Envelope Protein Mutations Affect Viral Growth and Antibody Escape. <i>Journal of Virology</i> , 2019 , 93,	6.6	12
49	Human Monoclonal Antibodies Potently Neutralize Zika Virus and Select for Escape Mutations on the Lateral Ridge of the Envelope Protein. <i>Journal of Virology</i> , 2019 , 93,	6.6	8
48	Zika Virus Subverts Stress Granules To Promote and Restrict Viral Gene Expression. <i>Journal of Virology</i> , 2019 , 93,	6.6	28
47	Probing Zika Virus Neutralization Determinants with Glycoprotein Mutants Bearing Linear Epitope Insertions. <i>Journal of Virology</i> , 2018 , 92,	6.6	6
46	Human antibodies targeting Zika virus NS1 provide protection against disease in a mouse model. <i>Nature Communications</i> , 2018 , 9, 4560	17.4	61
45	Hepatitis C Virus Indirectly Disrupts DNA Damage-Induced p53 Responses by Activating Protein Kinase R. <i>MBio</i> , 2017 , 8,	7.8	17
44	Transposon Mutagenesis of the Zika Virus Genome Highlights Regions Essential for RNA Replication and Restricted for Immune Evasion. <i>Journal of Virology</i> , 2017 , 91,	6.6	23
43	A novel Zika virus mouse model reveals strain specific differences in virus pathogenesis and host inflammatory immune responses. <i>PLoS Pathogens</i> , 2017 , 13, e1006258	7.6	158
42	N6-Methyladenosine in Flaviviridae Viral RNA Genomes Regulates Infection. <i>Cell Host and Microbe</i> , 2016 , 20, 654-665	23.4	244
41	Viral Determinants of miR-122-Independent Hepatitis C Virus Replication. <i>MSphere</i> , 2016 , 1,	5	20
40	Liver capsule: Hepatitis C virus host cell entry. <i>Hepatology</i> , 2016 , 63, 1013	11.2	1

39	Zika Virus Targets Human STAT2 to Inhibit Type I Interferon Signaling. <i>Cell Host and Microbe</i> , 2016 , 19, 882-90	23.4	522
38	A Library of Infectious Hepatitis C Viruses with Engineered Mutations in the E2 Gene Reveals Growth-Adaptive Mutations That Modulate Interactions with Scavenger Receptor Class B Type I. <i>Journal of Virology</i> , 2016 , 90, 10499-10512	6.6	10
37	Rescue of the 1947 Zika Virus Prototype Strain with a Cytomegalovirus Promoter-Driven cDNA Clone. <i>MSphere</i> , 2016 , 1,	5	78
36	Selection of a hepatitis C virus with altered entry factor requirements reveals a genetic interaction between the E1 glycoprotein and claudins. <i>Hepatology</i> , 2015 , 62, 1059-69	11.2	33
35	HepG2 cells mount an effective antiviral interferon-lambda based innate immune response to hepatitis C virus infection. <i>Hepatology</i> , 2014 , 60, 1170-9	11.2	52
34	Hepatitis C virus genetics affects miR-122 requirements and response to miR-122 inhibitors. <i>Nature Communications</i> , 2014 , 5, 5408	17.4	54
33	Hepatic cells derived from induced pluripotent stem cells of pigtail macaques support hepatitis C virus infection. <i>Gastroenterology</i> , 2013 , 145, 966-969.e7	13.3	36
32	miR-122 is more than a shield for the hepatitis C virus genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 1571-2	11.5	19
31	KDR identifies a conserved human and murine hepatic progenitor and instructs early liver development. <i>Cell Stem Cell</i> , 2013 , 12, 748-60	18	39
30	Temporal analysis of hepatitis C virus cell entry with occludin directed blocking antibodies. <i>PLoS Pathogens</i> , 2013 , 9, e1003244	7.6	59
29	Hepatitis C virus host cell entry. <i>Current Opinion in Virology</i> , 2012 , 2, 14-9	7.5	71
28	High-throughput assessment of microRNA activity and function using microRNA sensor and decoy libraries. <i>Nature Methods</i> , 2012 , 9, 840-6	21.6	299
27	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
26	HepG2 cells expressing microRNA miR-122 support the entire hepatitis C virus life cycle. <i>Journal of Virology</i> , 2011 , 85, 12087-92	6.6	107
25	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, 7005-19	6.6	102
24	Species-specific regions of occludin required by hepatitis C virus for cell entry. <i>Journal of Virology</i> , 2010 , 84, 11696-708	6.6	45
23	Determinants of the hepatitis C virus nonstructural protein 2 protease domain required for production of infectious virus. <i>Journal of Virology</i> , 2009 , 83, 12702-13	6.6	45
22	Internal initiation stimulates production of p8 minicore, a member of a newly discovered family of hepatitis C virus core protein isoforms. <i>Journal of Virology</i> , 2009 , 83, 3104-14	6.6	36

21	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
20	Human occludin is a hepatitis C virus entry factor required for infection of mouse cells. <i>Nature</i> , 2009 , 457, 882-6	50.4	738
19	CD81 is dispensable for hepatitis C virus cell-to-cell transmission in hepatoma cells. <i>Journal of General Virology</i> , 2009 , 90, 48-58	4.9	147
18	Transdominant inhibition of bovine viral diarrhea virus entry. <i>Journal of Virology</i> , 2008 , 82, 2427-36	6.6	14
17	Cell culture-produced hepatitis C virus does not infect peripheral blood mononuclear cells. <i>Hepatology</i> , 2008 , 48, 1843-50	11.2	205
16	Claudin-1 is a hepatitis C virus co-receptor required for a late step in entry. <i>Nature</i> , 2007 , 446, 801-5	50.4	970
15	Superinfection exclusion in cells infected with hepatitis C virus. <i>Journal of Virology</i> , 2007 , 81, 3693-703	6.6	119
14	Evidence for a functional RNA element in the hepatitis C virus core gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 2879-84	11.5	106
13	Studying hepatitis C virus: making the best of a bad virus. <i>Journal of Virology</i> , 2007 , 81, 8853-67	6.6	113
12	Hepatitis C virus envelope glycoprotein immunization of rodents elicits cross-reactive neutralizing antibodies. <i>Vaccine</i> , 2007 , 25, 7773-84	4.1	70
11	Time- and temperature-dependent activation of hepatitis C virus for low-pH-triggered entry. <i>Journal of Virology</i> , 2006 , 80, 1734-41	6.6	318
10	Complete replication of hepatitis C virus in cell culture. <i>Science</i> , 2005 , 309, 623-6	33.3	1904
9	Single point mutations in the zinc finger motifs of the human immunodeficiency virus type 1 nucleocapsid alter RNA binding specificities of the gag protein and enhance packaging and infectivity. <i>Journal of Virology</i> , 2005 , 79, 7756-67	6.6	31
8	Genetic interactions between hepatitis C virus replicons. <i>Journal of Virology</i> , 2004 , 78, 12085-9	6.6	33
7	RNA sequences in the Moloney murine leukemia virus genome bound by the Gag precursor protein in the yeast three-hybrid system. <i>Journal of Virology</i> , 2004 , 78, 7677-84	6.6	18
6	Phosphorylation of hepatitis C virus nonstructural protein 5A modulates its protein interactions and viral RNA replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 13038-43	11.5	265
5	Insertion of green fluorescent protein into nonstructural protein 5A allows direct visualization of functional hepatitis C virus replication complexes. <i>Journal of Virology</i> , 2004 , 78, 7400-9	6.6	213
4	Hepatitis C virus replicons finally get to second base. <i>Gastroenterology</i> , 2003 , 125, 1892-5	13.3	3

- 3 Mitochondrial DNA genotypes in nuclear transfer-derived cloned sheep. *Nature Genetics*, **1999**, 23, 90-3 36.3 186
- 2 Zika Virus Subverts Stress Granules to Promote and Restrict Viral Gene Expression 1
- 1 Deep mutational scanning comprehensively maps how Zika envelope protein mutations affect viral growth and antibody escape 1