Helen M Lazear

List of Publications by Year
in descending order

48 papers	5,541 citations	168829 31 h-index	252626 46 g-index
54 all docs	54 docs citations	54 times ranked	10839 citing authors

#	Article	IF	Citations
1	Structurally Conserved Domains between Flavivirus and Alphavirus Fusion Glycoproteins Contribute to Replication and Infectious-Virion Production. Journal of Virology, 2022, 96, JVI0177421.	1.5	5
2	Interferon Lambda Signals in Maternal Tissues to Exert Protective and Pathogenic Effects in a Gestational Stage-Dependent Manner. MBio, 2022, 13, e0385721.	1.8	9
3	A Conversation with Dr. Helen Lazear. Journal of Interferon and Cytokine Research, 2021, 41, 431-434.	0.5	0
4	Protective and Pathogenic Effects of Interferon Signaling During Pregnancy. Viral Immunology, 2020, 33, 3-11.	0.6	33
5	Altered m6A Modification of Specific Cellular Transcripts Affects Flaviviridae Infection. Molecular Cell, 2020, 77, 542-555.e8.	4.5	129
6	Antiviral Effector RTP4 Bats against Flaviviruses. Immunity, 2020, 53, 1133-1135.	6.6	2
7	COVID-19 and emerging viral infections: The case for interferon lambda. Journal of Experimental Medicine, 2020, 217, .	4.2	177
8	Two Genetic Differences between Closely Related Zika Virus Strains Determine Pathogenic Outcome in Mice. Journal of Virology, 2020, 94, .	1.5	11
9	IL-27 signaling activates skin cells to induce innate antiviral proteins and protects against Zika virus infection. Science Advances, 2020, 6, eaay3245.	4.7	29
10	Flavivirus Envelope Protein Glycosylation: Impacts on Viral Infection and Pathogenesis. Journal of Virology, 2020, 94, .	1.5	52
11	Oligomeric state of the ZIKV E protein defines protective immune responses. Nature Communications, 2019, 10, 4606.	5.8	22
12	Efficient transplacental IgG transfer in women infected with Zika virus during pregnancy. PLoS Neglected Tropical Diseases, 2019, 13, e0007648.	1.3	22
13	Why Is IFN-Î» Less Inflammatory? One IRF Decides. Immunity, 2019, 51, 415-417.	6.6	11
14	Shared and Distinct Functions of Type I and Type III Interferons. Immunity, 2019, 50, 907-923.	6.6	699
15	Envelope Protein Glycosylation Mediates Zika Virus Pathogenesis. Journal of Virology, 2019, 93, .	1.5	89
16	Human antibody response to Zika targets type-specific quaternary structure epitopes. JCI Insight, 2019, 4, .	2.3	45
17	Development of Envelope Protein Antigens To Serologically Differentiate Zika Virus Infection from Dengue Virus Infection. Journal of Clinical Microbiology, 2018, 56, .	1.8	53
18	Antiviral immunity backfires: Pathogenic effects of type I interferon signaling in fetal development. Science Immunology, 2018, 3, .	5.6	13

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19	MAVS Is Essential for Primary CD4⁺T Cell Immunity but Not for Recall T Cell Responses following an Attenuated West Nile Virus Infection. Journal of Virology, 2017, 91, .	1.5	8
20	A Reverse Genetics Platform That Spans the Zika Virus Family Tree. MBio, 2017, 8, .	1.8	59
21	What to Expect When Youâ€™re Expecting Zika. Cell Host and Microbe, 2017, 21, 305-308.	5.1	0
22	Lack of Durable Cross-Neutralizing Antibodies Against Zika Virus from Dengue Virus Infection. Emerging Infectious Diseases, 2017, 23, 773-781.	2.0	141
23	Regional astrocyte IFN signaling restricts pathogenesis during neurotropic viral infection. Journal of Clinical Investigation, 2017, 127, 843-856.	3.9	100
24	A Mouse Model of Zika Virus Pathogenesis. Cell Host and Microbe, 2016, 19, 720-730.	5.1	818
25	Zika virus â€” reigniting the TORCH. Nature Reviews Microbiology, 2016, 14, 707-715.	13.6	293
26	Zika Virus: New Clinical Syndromes and Its Emergence in the Western Hemisphere. Journal of Virology, 2016, 90, 4864-4875.	1.5	382
27	The Emerging Zika Virus Epidemic in the Americas. JAMA - Journal of the American Medical Association, 2016, 315, 1945.	3.8	42
28	Interferon-Regulatory Factor 5-Dependent Signaling Restricts Orthobunyavirus Dissemination to the Central Nervous System. Journal of Virology, 2016, 90, 189-205.	1.5	22
29	Selective Blockade of Interferon-Î± and -Î² Reveals Their Non-Redundant Functions in a Mouse Model of West Nile Virus Infection. PLoS ONE, 2015, 10, e0128636.	1.1	47
30	New insights into innate immune restriction of West Nile virus infection. Current Opinion in Virology, 2015, 11, 1-6.	2.6	43
31	Oropouche Virus Infection and Pathogenesis Are Restricted by MAVS, IRF-3, IRF-7, and Type I Interferon Signaling Pathways in Nonmyeloid Cells. Journal of Virology, 2015, 89, 4720-4737.	1.5	37
32	Interferon-Î»: Immune Functions at Barrier Surfaces and Beyond. Immunity, 2015, 43, 15-28.	6.6	381
33	Interferon-Î» restricts West Nile virus neuroinvasion by tightening the blood-brain barrier. Science Translational Medicine, 2015, 7, 284ra59.	5.8	197
34	The TAM receptor Mertk protects against neuroinvasive viral infection by maintaining blood-brain barrier integrity. Nature Medicine, 2015, 21, 1464-1472.	15.2	113
35	Interferon-Î» cures persistent murine norovirus infection in the absence of adaptive immunity. Science, 2015, 347, 269-273.	6.0	308
36	Interferon Regulatory Factor 5-Dependent Immune Responses in the Draining Lymph Node Protect against West Nile Virus Infection. Journal of Virology, 2014, 88, 11007-11021.	1.5	24

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37	K63-linked polyubiquitination of transcription factor IRF1 is essential for IL-1-induced production of chemokines CXCL10 and CCL5. Nature Immunology, 2014, 15, 231-238.	7.0	113
38	Pattern Recognition Receptor MDA5 Modulates CD8 ⁺ T Cell-Dependent Clearance of West Nile Virus from the Central Nervous System. Journal of Virology, 2013, 87, 11401-11415.	1.5	50
39	Propagation, Quantification, Detection, and Storage of West Nile Virus. Current Protocols in Microbiology, 2013, 31, 15D.3.1-15D.3.18.	6.5	104
40	IRF-3, IRF-5, and IRF-7 Coordinately Regulate the Type I IFN Response in Myeloid Dendritic Cells Downstream of MAVS Signaling. PLoS Pathogens, 2013, 9, e1003118.	2.1	270
41	Neurotropic Arboviruses Induce Interferon Regulatory Factor 3-Mediated Neuronal Responses That Are Cytoprotective, Interferon Independent, and Inhibited by Western Equine Encephalitis Virus Capsid. Journal of Virology, 2013, 87, 1821-1833.	1.5	28
42	Critical Role for Interferon Regulatory Factor 3 (IRF-3) and IRF-7 in Type I Interferon-Mediated Control of Murine Norovirus Replication. Journal of Virology, 2012, 86, 13515-13523.	1.5	76
43	West Nile Virus Noncoding Subgenomic RNA Contributes to Viral Evasion of the Type I Interferon-Mediated Antiviral Response. Journal of Virology, 2012, 86, 5708-5718.	1.5	170
44	Beta Interferon Controls West Nile Virus Infection and Pathogenesis in Mice. Journal of Virology, 2011, 85, 7186-7194.	1.5	93
45	The Herpes Simplex Virus 1 IgG Fc Receptor Blocks Antibody-Mediated Complement Activation and Antibody-Dependent Cellular Cytotoxicity<i>In Vivo</i>. Journal of Virology, 2011, 85, 3239-3249.	1.5	64
46	Completely assembled virus particles detected by transmission electron microscopy in proximal and mid-axons of neurons infected with herpes simplex virus type 1, herpes simplex virus type 2 and pseudorabies virus. Virology, 2011, 409, 12-16.	1.1	24
47	The Naturally Attenuated Kunjin Strain of West Nile Virus Shows Enhanced Sensitivity to the Host Type I Interferon Response. Journal of Virology, 2011, 85, 5664-5668.	1.5	55
48	Interferon Regulatory Factor-1 (IRF-1) Shapes Both Innate and CD8+ T Cell Immune Responses against West Nile Virus Infection. PLoS Pathogens, 2011, 7, e1002230.	2.1	75