

Helen M Lazear

List of Publications by Year in descending order

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48
papers

5,541
citations

147801

31
h-index

223800

46
g-index

54
all docs

54
docs citations

54
times ranked

10051
citing authors

#	ARTICLE	IF	CITATIONS
1	A Mouse Model of Zika Virus Pathogenesis. <i>Cell Host and Microbe</i> , 2016, 19, 720-730.	11.0	818
2	Shared and Distinct Functions of Type I and Type III Interferons. <i>Immunity</i> , 2019, 50, 907-923.	14.3	699
3	Zika Virus: New Clinical Syndromes and Its Emergence in the Western Hemisphere. <i>Journal of Virology</i> , 2016, 90, 4864-4875.	3.4	382
4	Interferon-λ: Immune Functions at Barrier Surfaces and Beyond. <i>Immunity</i> , 2015, 43, 15-28.	14.3	381
5	Interferon-λ cures persistent murine norovirus infection in the absence of adaptive immunity. <i>Science</i> , 2015, 347, 269-273.	12.6	308
6	Zika virus "reigniting the TORCH. <i>Nature Reviews Microbiology</i> , 2016, 14, 707-715.	28.6	293
7	IRF-3, IRF-5, and IRF-7 Coordinately Regulate the Type I IFN Response in Myeloid Dendritic Cells Downstream of MAVS Signaling. <i>PLoS Pathogens</i> , 2013, 9, e1003118.	4.7	270
8	Interferon-λ restricts West Nile virus neuroinvasion by tightening the blood-brain barrier. <i>Science Translational Medicine</i> , 2015, 7, 284ra59.	12.4	197
9	COVID-19 and emerging viral infections: The case for interferon lambda. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	177
10	West Nile Virus Noncoding Subgenomic RNA Contributes to Viral Evasion of the Type I Interferon-Mediated Antiviral Response. <i>Journal of Virology</i> , 2012, 86, 5708-5718.	3.4	170
11	Lack of Durable Cross-Neutralizing Antibodies Against Zika Virus from Dengue Virus Infection. <i>Emerging Infectious Diseases</i> , 2017, 23, 773-781.	4.3	141
12	Altered m6A Modification of Specific Cellular Transcripts Affects Flaviviridae Infection. <i>Molecular Cell</i> , 2020, 77, 542-555.e8.	9.7	129
13	K63-linked polyubiquitination of transcription factor IRF1 is essential for IL-1-induced production of chemokines CXCL10 and CCL5. <i>Nature Immunology</i> , 2014, 15, 231-238.	14.5	113
14	The TAM receptor MerTK protects against neuroinvasive viral infection by maintaining blood-brain barrier integrity. <i>Nature Medicine</i> , 2015, 21, 1464-1472.	30.7	113
15	Propagation, Quantification, Detection, and Storage of West Nile Virus. <i>Current Protocols in Microbiology</i> , 2013, 31, 15D.3.1-15D.3.18.	6.5	104
16	Regional astrocyte IFN signaling restricts pathogenesis during neurotropic viral infection. <i>Journal of Clinical Investigation</i> , 2017, 127, 843-856.	8.2	100
17	Beta Interferon Controls West Nile Virus Infection and Pathogenesis in Mice. <i>Journal of Virology</i> , 2011, 85, 7186-7194.	3.4	93
18	Envelope Protein Glycosylation Mediates Zika Virus Pathogenesis. <i>Journal of Virology</i> , 2019, 93, .	3.4	89

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19	Critical Role for Interferon Regulatory Factor 3 (IRF-3) and IRF-7 in Type I Interferon-Mediated Control of Murine Norovirus Replication. <i>Journal of Virology</i> , 2012, 86, 13515-13523.	3.4	76
20	Interferon Regulatory Factor-1 (IRF-1) Shapes Both Innate and CD8+ T Cell Immune Responses against West Nile Virus Infection. <i>PLoS Pathogens</i> , 2011, 7, e1002230.	4.7	75
21	The Herpes Simplex Virus 1 IgG Fc Receptor Blocks Antibody-Mediated Complement Activation and Antibody-Dependent Cellular Cytotoxicity <i>In Vivo</i> . <i>Journal of Virology</i> , 2011, 85, 3239-3249.	3.4	64
22	A Reverse Genetics Platform That Spans the Zika Virus Family Tree. <i>MBio</i> , 2017, 8, .	4.1	59
23	The Naturally Attenuated Kunjin Strain of West Nile Virus Shows Enhanced Sensitivity to the Host Type I Interferon Response. <i>Journal of Virology</i> , 2011, 85, 5664-5668.	3.4	55
24	Development of Envelope Protein Antigens To Serologically Differentiate Zika Virus Infection from Dengue Virus Infection. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	53
25	Flavivirus Envelope Protein Glycosylation: Impacts on Viral Infection and Pathogenesis. <i>Journal of Virology</i> , 2020, 94, .	3.4	52
26	Pattern Recognition Receptor MDA5 Modulates CD8 ⁺ T Cell-Dependent Clearance of West Nile Virus from the Central Nervous System. <i>Journal of Virology</i> , 2013, 87, 11401-11415.	3.4	50
27	Selective Blockade of Interferon- β and - γ Reveals Their Non-Redundant Functions in a Mouse Model of West Nile Virus Infection. <i>PLoS ONE</i> , 2015, 10, e0128636.	2.5	47
28	Human antibody response to Zika targets type-specific quaternary structure epitopes. <i>JCI Insight</i> , 2019, 4, .	5.0	45
29	New insights into innate immune restriction of West Nile virus infection. <i>Current Opinion in Virology</i> , 2015, 11, 1-6.	5.4	43
30	The Emerging Zika Virus Epidemic in the Americas. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1945.	7.4	42
31	Oropouche Virus Infection and Pathogenesis Are Restricted by MAVS, IRF-3, IRF-7, and Type I Interferon Signaling Pathways in Nonmyeloid Cells. <i>Journal of Virology</i> , 2015, 89, 4720-4737.	3.4	37
32	Protective and Pathogenic Effects of Interferon Signaling During Pregnancy. <i>Viral Immunology</i> , 2020, 33, 3-11.	1.3	33
33	IL-27 signaling activates skin cells to induce innate antiviral proteins and protects against Zika virus infection. <i>Science Advances</i> , 2020, 6, eaay3245.	10.3	29
34	Neurotropic Arboviruses Induce Interferon Regulatory Factor 3-Mediated Neuronal Responses That Are Cytoprotective, Interferon Independent, and Inhibited by Western Equine Encephalitis Virus Capsid. <i>Journal of Virology</i> , 2013, 87, 1821-1833.	3.4	28
35	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. <i>Virology</i> , 2011, 409, 12-16.	2.4	24
36	Interferon Regulatory Factor 5-Dependent Immune Responses in the Draining Lymph Node Protect against West Nile Virus Infection. <i>Journal of Virology</i> , 2014, 88, 11007-11021.	3.4	24

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37	Interferon-Regulatory Factor 5-Dependent Signaling Restricts Orthobunyavirus Dissemination to the Central Nervous System. <i>Journal of Virology</i> , 2016, 90, 189-205.	3.4	22
38	Oligomeric state of the ZIKV E protein defines protective immune responses. <i>Nature Communications</i> , 2019, 10, 4606.	12.8	22
39	Efficient transplacental IgG transfer in women infected with Zika virus during pregnancy. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007648.	3.0	22
40	Antiviral immunity backfires: Pathogenic effects of type I interferon signaling in fetal development. <i>Science Immunology</i> , 2018, 3, .	11.9	13
41	Why Is IFN- λ Less Inflammatory? One IRF Decides. <i>Immunity</i> , 2019, 51, 415-417.	14.3	11
42	Two Genetic Differences between Closely Related Zika Virus Strains Determine Pathogenic Outcome in Mice. <i>Journal of Virology</i> , 2020, 94, .	3.4	11
43	Interferon Lambda Signals in Maternal Tissues to Exert Protective and Pathogenic Effects in a Gestational Stage-Dependent Manner. <i>MBio</i> , 2022, 13, e0385721.	4.1	9
44	MAVS Is Essential for Primary CD4 ⁺ T Cell Immunity but Not for Recall T Cell Responses following an Attenuated West Nile Virus Infection. <i>Journal of Virology</i> , 2017, 91, .	3.4	8
45	Structurally Conserved Domains between Flavivirus and Alphavirus Fusion Glycoproteins Contribute to Replication and Infectious-Virion Production. <i>Journal of Virology</i> , 2022, 96, JVI0177421.	3.4	5
46	Antiviral Effector RTP4 Bats against Flaviviruses. <i>Immunity</i> , 2020, 53, 1133-1135.	14.3	2
47	What to Expect When You're Expecting Zika. <i>Cell Host and Microbe</i> , 2017, 21, 305-308.	11.0	0
48	A Conversation with Dr. Helen Lazear. <i>Journal of Interferon and Cytokine Research</i> , 2021, 41, 431-434.	1.2	0