# Helen M Lazear

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6534643/publications.pdf

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| 48 | 5,541 | 147801 | 223800 |
|---|---|---|---|
| papers | citations | 31 h-index | 46 g-index |

| 54 | 54 | 54 | 10051 |
|---|---|---|---|
| all docs | docs citations | times ranked | 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. | 3.4 | 5 |
| 2 | Interferon Lambda Signals in Maternal Tissues to Exert Protective and Pathogenic Effects in a Gestational Stage-Dependent Manner. MBio, 2022, 13, e0385721. | 4.1 | 9 |
| 3 | A Conversation with Dr. Helen Lazear. Journal of Interferon and Cytokine Research, 2021, 41, 431-434. | 1.2 | 0 |
| 4 | Protective and Pathogenic Effects of Interferon Signaling During Pregnancy. Viral Immunology, 2020, 33, 3-11. | 1.3 | 33 |
| 5 | Altered m6A Modification of Specific Cellular Transcripts Affects Flaviviridae Infection. Molecular Cell, 2020, 77, 542-555.e8. | 9.7 | 129 |
| 6 | Antiviral Effector RTP4 Bats against Flaviviruses. Immunity, 2020, 53, 1133-1135. | 14.3 | 2 |
| 7 | COVID-19 and emerging viral infections: The case for interferon lambda. Journal of Experimental Medicine, 2020, 217, . | 8.5 | 177 |
| 8 | Two Genetic Differences between Closely Related Zika Virus Strains Determine Pathogenic Outcome in Mice. Journal of Virology, 2020, 94, . | 3.4 | 11 |
| 9 | IL-27 signaling activates skin cells to induce innate antiviral proteins and protects against Zika virus infection. Science Advances, 2020, 6, eaay3245. | 10.3 | 29 |
| 10 | Flavivirus Envelope Protein Glycosylation: Impacts on Viral Infection and Pathogenesis. Journal of Virology, 2020, 94, . | 3.4 | 52 |
| 11 | Oligomeric state of the ZIKV E protein defines protective immune responses. Nature Communications, 2019, 10, 4606. | 12.8 | 22 |
| 12 | Efficient transplacental IgG transfer in women infected with Zika virus during pregnancy. PLoS Neglected Tropical Diseases, 2019, 13, e0007648. | 3.0 | 22 |
| 13 | Why Is IFN-Î» Less Inflammatory? One IRF Decides. Immunity, 2019, 51, 415-417. | 14.3 | 11 |
| 14 | Shared and Distinct Functions of Type I and Type III Interferons. Immunity, 2019, 50, 907-923. | 14.3 | 699 |
| 15 | Envelope Protein Glycosylation Mediates Zika Virus Pathogenesis. Journal of Virology, 2019, 93, . | 3.4 | 89 |
| 16 | Human antibody response to Zika targets type-specific quaternary structure epitopes. JCI Insight, 2019, 4, . | 5.0 | 45 |
| 17 | Development of Envelope Protein Antigens To Serologically Differentiate Zika Virus Infection from Dengue Virus Infection. Journal of Clinical Microbiology, 2018, 56, . | 3.9 | 53 |
| 18 | Antiviral immunity backfires: Pathogenic effects of type I interferon signaling in fetal development. Science Immunology, 2018, 3, . | 11.9 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | MAVS Is Essential for Primary CD4<sup>+</sup>T Cell Immunity but Not for Recall T Cell Responses following an Attenuated West Nile Virus Infection. Journal of Virology, 2017, 91, . | 3.4 | 8 |
| 20 | A Reverse Genetics Platform That Spans the Zika Virus Family Tree. MBio, 2017, 8, . | 4.1 | 59 |
| 21 | What to Expect When Youâ€™re Expecting Zika. Cell Host and Microbe, 2017, 21, 305-308. | 11.0 | 0 |
| 22 | Lack of Durable Cross-Neutralizing Antibodies Against Zika Virus from Dengue Virus Infection. Emerging Infectious Diseases, 2017, 23, 773-781. | 4.3 | 141 |
| 23 | Regional astrocyte IFN signaling restricts pathogenesis during neurotropic viral infection. Journal of Clinical Investigation, 2017, 127, 843-856. | 8.2 | 100 |
| 24 | A Mouse Model of Zika Virus Pathogenesis. Cell Host and Microbe, 2016, 19, 720-730. | 11.0 | 818 |
| 25 | Zika virus â€" reigniting the TORCH. Nature Reviews Microbiology, 2016, 14, 707-715. | 28.6 | 293 |
| 26 | Zika Virus: New Clinical Syndromes and Its Emergence in the Western Hemisphere. Journal of Virology, 2016, 90, 4864-4875. | 3.4 | 382 |
| 27 | The Emerging Zika Virus Epidemic in the Americas. JAMA - Journal of the American Medical Association, 2016, 315, 1945. | 7.4 | 42 |
| 28 | Interferon-Regulatory Factor 5-Dependent Signaling Restricts Orthobunyavirus Dissemination to the Central Nervous System. Journal of Virology, 2016, 90, 189-205. | 3.4 | 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. | 2.5 | 47 |
| 30 | New insights into innate immune restriction of West Nile virus infection. Current Opinion in Virology, 2015, 11, 1-6. | 5.4 | 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. | 3.4 | 37 |
| 32 | Interferon-Î»: Immune Functions at Barrier Surfaces and Beyond. Immunity, 2015, 43, 15-28. | 14.3 | 381 |
| 33 | Interferon-Î» restricts West Nile virus neuroinvasion by tightening the blood-brain barrier. Science Translational Medicine, 2015, 7, 284ra59. | 12.4 | 197 |
| 34 | The TAM receptor Mertk protects against neuroinvasive viral infection by maintaining blood-brain barrier integrity. Nature Medicine, 2015, 21, 1464-1472. | 30.7 | 113 |
| 35 | Interferon-Î» cures persistent murine norovirus infection in the absence of adaptive immunity. Science, 2015, 347, 269-273. | 12.6 | 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. | 3.4 | 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. | 14.5 | 113 |
| 38 | Pattern Recognition Receptor MDA5 Modulates CD8 <sup>+</sup> T Cell-Dependent Clearance of West Nile Virus from the Central Nervous System. Journal of Virology, 2013, 87, 11401-11415. | 3.4 | 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. | 4.7 | 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. | 3.4 | 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. | 3.4 | 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. | 3.4 | 170 |
| 44 | Beta Interferon Controls West Nile Virus Infection and Pathogenesis in Mice. Journal of Virology, 2011, 85, 7186-7194. | 3.4 | 93 |
| 45 | The Herpes Simplex Virus 1 IgG Fc Receptor Blocks Antibody-Mediated Complement Activation and Antibody-Dependent Cellular CytotoxicityIn Vivo. Journal of Virology, 2011, 85, 3239-3249. | 3.4 | 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. | 2.4 | 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. | 3.4 | 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. | 4.7 | 75 |