

Aaron E Lin

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,527
citations

516710

16
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

5716
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | SARS-CoV-2 Disrupts Splicing, Translation, and Protein Trafficking to Suppress Host Defenses. <i>Cell</i> , 2020, 183, 1325-1339.e21. | 28.9 | 442 |
| 2 | Zika virus evolution and spread in the Americas. <i>Nature</i> , 2017, 546, 411-415. | 27.8 | 323 |
| 3 | Programmable Inhibition and Detection of RNA Viruses Using Cas13. <i>Molecular Cell</i> , 2019, 76, 826-837.e11. | 9.7 | 286 |
| 4 | Ebola Virus Epidemiology, Transmission, and Evolution during Seven Months in Sierra Leone. <i>Cell</i> , 2015, 161, 1516-1526. | 28.9 | 275 |
| 5 | Clinical Sequencing Uncovers Origins and Evolution of Lassa Virus. <i>Cell</i> , 2015, 162, 738-750. | 28.9 | 230 |
| 6 | Phylogenetic analysis of SARS-CoV-2 in Boston highlights the impact of superspreading events. <i>Science</i> , 2021, 371, . | 12.6 | 226 |
| 7 | Ebola Virus Glycoprotein with Increased Infectivity Dominated the 2013-2016 Epidemic. <i>Cell</i> , 2016, 167, 1088-1098.e6. | 28.9 | 173 |
| 8 | Deployable CRISPR-Cas13a diagnostic tools to detect and report Ebola and Lassa virus cases in real-time. <i>Nature Communications</i> , 2020, 11, 4131. | 12.8 | 101 |
| 9 | Capturing sequence diversity in metagenomes with comprehensive and scalable probe design. <i>Nature Biotechnology</i> , 2019, 37, 160-168. | 17.5 | 96 |
| 10 | Single-Cell Profiling of Ebola Virus Disease In Vivo Reveals Viral and Host Dynamics. <i>Cell</i> , 2020, 183, 1383-1401.e19. | 28.9 | 79 |
| 11 | Evaluation of the Potential Impact of Ebola Virus Genomic Drift on the Efficacy of Sequence-Based Candidate Therapeutics. <i>MBio</i> , 2015, 6, . | 4.1 | 62 |
| 12 | In vivo Ebola virus infection leads to a strong innate response in circulating immune cells. <i>BMC Genomics</i> , 2016, 17, 707. | 2.8 | 54 |
| 13 | Field validation of recombinant antigen immunoassays for diagnosis of Lassa fever. <i>Scientific Reports</i> , 2018, 8, 5939. | 3.3 | 39 |
| 14 | A Proteomic Perspective of Inbuilt Viral Protein Regulation: pUL46 Tegument Protein is Targeted for Degradation by ICP0 during Herpes Simplex Virus Type 1 Infection. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 3237-3252. | 3.8 | 37 |
| 15 | Evidence of Ebola Virus Replication and High Concentration in Semen of a Patient During Recovery. <i>Clinical Infectious Diseases</i> , 2017, 65, 1400-1403. | 5.8 | 26 |
| 16 | DNA methyltransferase DNMT3A associates with viral proteins and impacts HSV-1 infection. <i>Proteomics</i> , 2015, 15, 1968-1982. | 2.2 | 21 |
| 17 | Reporter Assays for Ebola Virus Nucleoprotein Oligomerization, Virion-Like Particle Budding, and Minigenome Activity Reveal the Importance of Nucleoprotein Amino Acid Position 111. <i>Viruses</i> , 2020, 12, 105. | 3.3 | 9 |
| 18 | Innovative Technologies for Advancement of WHO Risk Group 4 Pathogens Research. , 2019, , 437-469. | | 5 |