

Xiaotao Lu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

3,434
citations

1051969

10
h-index

1526636

10
g-index

14
all docs

14
docs citations

14
times ranked

6591
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Mutations in the SARS-CoV-2 RNA-dependent RNA polymerase confer resistance to remdesivir by distinct mechanisms. <i>Science Translational Medicine</i> , 2022, 14, eabo0718. | 5.8 | 108 |
| 2 | The coronavirus proofreading exoribonuclease mediates extensive viral recombination. <i>PLoS Pathogens</i> , 2021, 17, e1009226. | 2.1 | 189 |
| 3 | Remdesivir Inhibits SARS-CoV-2 in Human Lung Cells and Chimeric SARS-CoV Expressing the SARS-CoV-2 RNA Polymerase in Mice. <i>Cell Reports</i> , 2020, 32, 107940. | 2.9 | 412 |
| 4 | An orally bioavailable broad-spectrum antiviral inhibits SARS-CoV-2 in human airway epithelial cell cultures and multiple coronaviruses in mice. <i>Science Translational Medicine</i> , 2020, 12, . | 5.8 | 886 |
| 5 | Fitness Barriers Limit Reversion of a Proofreading-Deficient Coronavirus. <i>Journal of Virology</i> , 2019, 93, . | 1.5 | 14 |
| 6 | Small-Molecule Antiviral 2'-Cytidine Diphosphate-4-Thiohydropyridine Inhibits a Proofreading-Intact Coronavirus with a High Genetic Barrier to Resistance. <i>Journal of Virology</i> , 2019, 93, . | 1.5 | 252 |
| 7 | Coronavirus Susceptibility to the Antiviral Remdesivir (GS-5734) Is Mediated by the Viral Polymerase and the Proofreading Exoribonuclease. <i>MBio</i> , 2018, 9, . | 1.8 | 1,142 |
| 8 | Murine Hepatitis Virus nsp14 Exoribonuclease Activity Is Required for Resistance to Innate Immunity. <i>Journal of Virology</i> , 2018, 92, . | 1.5 | 52 |
| 9 | Proofreading-Deficient Coronaviruses Adapt for Increased Fitness over Long-Term Passage without Reversion of Exoribonuclease-Inactivating Mutations. <i>MBio</i> , 2017, 8, . | 1.8 | 51 |
| 10 | High Fidelity of Murine Hepatitis Virus Replication Is Decreased in nsp14 Exoribonuclease Mutants. <i>Journal of Virology</i> , 2007, 81, 12135-12144. | 1.5 | 284 |
| 11 | Remdesivir Potently Inhibits SARS-CoV-2 in Human Lung Cells and Chimeric SARS-CoV Expressing the SARS-CoV-2 RNA Polymerase in Mice. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 15 |