

Xiaotao Lu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2363394/publications.pdf>

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11
papers

3,434
citations

933447

10
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

6163
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.	12.4	108
2	The coronavirus proofreading exoribonuclease mediates extensive viral recombination. <i>PLoS Pathogens</i> , 2021, 17, e1009226.	4.7	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.	6.4	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, .	12.4	886
5	Fitness Barriers Limit Reversion of a Proofreading-Deficient Coronavirus. <i>Journal of Virology</i> , 2019, 93, .	3.4	14
6	Small-Molecule Antiviral 4-Hydroxycytidine Inhibits a Proofreading-Intact Coronavirus with a High Genetic Barrier to Resistance. <i>Journal of Virology</i> , 2019, 93, .	3.4	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, .	4.1	1,142
8	Murine Hepatitis Virus nsp14 Exoribonuclease Activity Is Required for Resistance to Innate Immunity. <i>Journal of Virology</i> , 2018, 92, .	3.4	52
9	Proofreading-Deficient Coronaviruses Adapt for Increased Fitness over Long-Term Passage without Reversion of Exoribonuclease-Inactivating Mutations. <i>MBio</i> , 2017, 8, .	4.1	51
10	High Fidelity of Murine Hepatitis Virus Replication Is Decreased in nsp14 Exoribonuclease Mutants. <i>Journal of Virology</i> , 2007, 81, 12135-12144.	3.4	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