

# Xiaotao Lu

## List of Publications by Year in descending order

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

Version: 2024-02-01

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	Coronavirus Susceptibility to the Antiviral Remdesivir (GS-5734) Is Mediated by the Viral Polymerase and the Proofreading Exoribonuclease. MBio, 2018, 9, .	4.1	1,142
2	An orally bioavailable broad-spectrum antiviral inhibits SARS-CoV-2 in human airway epithelial cell cultures and multiple coronaviruses in mice. Science Translational Medicine, 2020, 12, .	12.4	886
3	Remdesivir Inhibits SARS-CoV-2 in Human Lung Cells and Chimeric SARS-CoV Expressing the SARS-CoV-2 RNA Polymerase in Mice. Cell Reports, 2020, 32, 107940.	6.4	412
4	High Fidelity of Murine Hepatitis Virus Replication Is Decreased in nsp14 Exoribonuclease Mutants. Journal of Virology, 2007, 81, 12135-12144.	3.4	284
5	Small-Molecule Antiviral $\hat{2}$ -N <sup>4</sup> -Hydroxycytidine Inhibits a Proofreading-Intact Coronavirus with a High Genetic Barrier to Resistance. Journal of Virology, 2019, 93, .	3.4	252
6	The coronavirus proofreading exoribonuclease mediates extensive viral recombination. PLoS Pathogens, 2021, 17, e1009226.	4.7	189
7	Mutations in the SARS-CoV-2 RNA-dependent RNA polymerase confer resistance to remdesivir by distinct mechanisms. Science Translational Medicine, 2022, 14, eabo0718.	12.4	108
8	Murine Hepatitis Virus nsp14 Exoribonuclease Activity Is Required for Resistance to Innate Immunity. Journal of Virology, 2018, 92, .	3.4	52
9	Proofreading-Deficient Coronaviruses Adapt for Increased Fitness over Long-Term Passage without Reversion of Exoribonuclease-Inactivating Mutations. MBio, 2017, 8, .	4.1	51
10	Remdesivir Potently Inhibits SARS-CoV-2 in Human Lung Cells and Chimeric SARS-CoV Expressing the SARS-CoV-2 RNA Polymerase in Mice. SSRN Electronic Journal, 0, , .	0.4	15
11	Fitness Barriers Limit Reversion of a Proofreading-Deficient Coronavirus. Journal of Virology, 2019, 93, .	3.4	14