

Astha

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,297
citations

840776

11
h-index

1125743

13
g-index

20
all docs

20
docs citations

20
times ranked

2096
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Omicron virus causes attenuated disease in mice and hamsters. <i>Nature</i> , 2022, 603, 687-692.	27.8	475
2	Defining the risk of SARS-CoV-2 variants on immune protection. <i>Nature</i> , 2022, 605, 640-652.	27.8	117
3	mRNA-1273 and Ad26.COVS vaccines protect against the B.1.621 variant of SARS-CoV-2. <i>Med</i> , 2022, 3, 309-324.e6.	4.4	6
4	In vivo monoclonal antibody efficacy against SARS-CoV-2 variant strains. <i>Nature</i> , 2021, 596, 103-108.	27.8	222
5	A potently neutralizing SARS-CoV-2 antibody inhibits variants of concern by utilizing unique binding residues in a highly conserved epitope. <i>Immunity</i> , 2021, 54, 2399-2416.e6.	14.3	79
6	A vaccine-induced public antibody protects against SARS-CoV-2 and emerging variants. <i>Immunity</i> , 2021, 54, 2159-2166.e6.	14.3	52
7	Neutralizing Monoclonal Antibodies That Target the Spike Receptor Binding Domain Confer Fc Receptor-Independent Protection against SARS-CoV-2 Infection in Syrian Hamsters. <i>MBio</i> , 2021, 12, e0239521.	4.1	13
8	RNA-Puzzles Round IV: 3D structure predictions of four ribozymes and two aptamers. <i>Rna</i> , 2020, 26, 982-995.	3.5	100
9	Computational modeling of RNA 3D structure based on experimental data. <i>Bioscience Reports</i> , 2019, 39, .	2.4	42
10	Human RNA cap1 methyltransferase CMTr1 cooperates with RNA helicase DHX15 to modify RNAs with highly structured 5' termini. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20180161.	4.0	15
11	Structural studies of RNA-protein complexes: A hybrid approach involving hydrodynamics, scattering, and computational methods. <i>Methods</i> , 2017, 118-119, 146-162.	3.8	39
12	RNArchitecture: a database and a classification system of RNA families, with a focus on structural information. <i>Nucleic Acids Research</i> , 2017, 46, D202-D205.	14.5	31
13	Impact of the structural integrity of the three-way junction of adenovirus VAI RNA on PKR inhibition. <i>PLoS ONE</i> , 2017, 12, e0186849.	2.5	19
14	mRNA-1273 and Ad26.COVS Vaccines Protect Against the B.1.621 Variant of SARS-CoV-2. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0