Astha

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9533964/publications.pdf

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14	1,297	840776 11	1125743 13
papers	citations	h-index	g-index

20	20	20	2096
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SARS-CoV-2 Omicron virus causes attenuated disease in mice and hamsters. Nature, 2022, 603, 687-692.	27.8	475
2	In vivo monoclonal antibody efficacy against SARS-CoV-2 variant strains. Nature, 2021, 596, 103-108.	27.8	222
3	Defining the risk of SARS-CoV-2 variants on immune protection. Nature, 2022, 605, 640-652.	27.8	117
4	RNA-Puzzles Round IV: 3D structure predictions of four ribozymes and two aptamers. Rna, 2020, 26, 982-995.	3.5	100
5	A potently neutralizing SARS-CoV-2 antibody inhibits variants of concern by utilizing unique binding residues in a highly conserved epitope. Immunity, 2021, 54, 2399-2416.e6.	14.3	79
6	A vaccine-induced public antibody protects against SARS-CoV-2 and emerging variants. Immunity, 2021, 54, 2159-2166.e6.	14.3	52
7	Computational modeling of RNA 3D structure based on experimental data. Bioscience Reports, 2019, 39, .	2.4	42
8	Structural studies of RNA-protein complexes: A hybrid approach involving hydrodynamics, scattering, and computational methods. Methods, 2017, 118-119, 146-162.	3.8	39
9	RNArchitecture: a database and a classification system of RNA families, with a focus on structural information. Nucleic Acids Research, 2017, 46, D202-D205.	14.5	31
10	Impact of the structural integrity of the three-way junction of adenovirus VAI RNA on PKR inhibition. PLoS ONE, 2017, 12, e0186849.	2.5	19
11	Human RNA cap1 methyltransferase CMTr1 cooperates with RNA helicase DHX15 to modify RNAs with highly structured 5â€² termini. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20180161.	4.0	15
12	Neutralizing Monoclonal Antibodies That Target the Spike Receptor Binding Domain Confer Fc Receptor-Independent Protection against SARS-CoV-2 Infection in Syrian Hamsters. MBio, 2021, 12, e0239521.	4.1	13
13	mRNA-1273 and Ad26.COV2.S vaccines protect against the B.1.621 variant of SARS-CoV-2. Med, 2022, 3, 309-324.e6.	4.4	6
14	mRNA-1273 and Ad26.COV2.S Vaccines Protect Against the B.1.621 Variant of SARS-CoV-2. SSRN Electronic Journal, 0, , .	0.4	0