

Shurong Hou

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

690
citations

1040056

9
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

1695
citing authors

#	ARTICLE	IF	CITATIONS
1	Affinity maturation of SARS-CoV-2 neutralizing antibodies confers potency, breadth, and resilience to viral escape mutations. <i>Immunity</i> , 2021, 54, 1853-1868.e7.	14.3	230
2	A cross-reactive human IgA monoclonal antibody blocks SARS-CoV-2 spike-ACE2 interaction. <i>Nature Communications</i> , 2020, 11, 4198.	12.8	132
3	Genome-scale in vivo CRISPR screen identifies RNLS as a target for beta cell protection in type 1 diabetes. <i>Nature Metabolism</i> , 2020, 2, 934-945.	11.9	53
4	Substrate sequence selectivity of APOBEC3A implicates intra-DNA interactions. <i>Scientific Reports</i> , 2018, 8, 7511.	3.3	47
5	Drug Design Strategies to Avoid Resistance in Direct-Acting Antivirals and Beyond. <i>Chemical Reviews</i> , 2021, 121, 3238-3270.	47.7	40
6	Mutations in Influenza A Virus Neuraminidase and Hemagglutinin Confer Resistance against a Broadly Neutralizing Hemagglutinin Stem Antibody. <i>Journal of Virology</i> , 2019, 93, .	3.4	37
7	Structural Analysis of the Active Site and DNA Binding of Human Cytidine Deaminase APOBEC3B. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 637-647.	5.3	16
8	Structural basis of substrate specificity in human cytidine deaminase family APOBEC3s. <i>Journal of Biological Chemistry</i> , 2021, 297, 100909.	3.4	14
9	Structural Determination of the Broadly Reactive Anti-IGHV1-69 Anti-idiotypic Antibody G6 and Its Idiotope. <i>Cell Reports</i> , 2017, 21, 3243-3255.	6.4	13
10	Crystal Structure of a Soluble APOBEC3G Variant Suggests ssDNA to Bind in a Channel that Extends between the Two Domains. <i>Journal of Molecular Biology</i> , 2020, 432, 6042-6060.	4.2	12
11	Interactions of APOBEC3s with DNA and RNA. <i>Current Opinion in Structural Biology</i> , 2021, 67, 195-204.	5.7	12
12	Molecular and Structural Mechanism of Pan-Genotypic HCV NS3/4A Protease Inhibition by Glecaprevir. <i>ACS Chemical Biology</i> , 2020, 15, 342-352.	3.4	11
13	Unique structural solution from a VH3-30 antibody targeting the hemagglutinin stem of influenza A viruses. <i>Nature Communications</i> , 2021, 12, 559.	12.8	11
14	Mechanism for APOBEC3G catalytic exclusion of RNA and non-substrate DNA. <i>Nucleic Acids Research</i> , 2019, 47, 7676-7689.	14.5	7
15	Structural analysis of the active site and DNA binding of human cytidine deaminase APOBEC3B. <i>FASEB Journal</i> , 2018, 32, 792.31.	0.5	0
16	RNA Exclusion Mechanism of the Cytidine Deaminase APOBEC3G. <i>FASEB Journal</i> , 2019, 33, 493.9.	0.5	0