

Amy Barker

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

427
citations

1162367

8
h-index

1199166

12
g-index

16
all docs

16
docs citations

16
times ranked

611
citing authors

#	ARTICLE	IF	CITATIONS
1	Packaging signals in single-stranded RNA viruses: nature's alternative to a purely electrostatic assembly mechanism. <i>Journal of Biological Physics</i> , 2013, 39, 277-287.	0.7	86
2	Degenerate RNA Packaging Signals in the Genome of Satellite Tobacco Necrosis Virus: Implications for the Assembly of a T= 1 Capsid. <i>Journal of Molecular Biology</i> , 2011, 413, 51-65.	2.0	65
3	The Asymmetric Structure of an Icosahedral Virus Bound to Its Receptor Suggests a Mechanism for Genome Release. <i>Structure</i> , 2013, 21, 1225-1234.	1.6	61
4	Structure-guided design affirms inhibitors of hepatitis C virus p7 as a viable class of antivirals targeting virion release. <i>Hepatology</i> , 2014, 59, 408-422.	3.6	56
5	Sequence-Specific, RNA-Protein Interactions Overcome Electrostatic Barriers Preventing Assembly of Satellite Tobacco Necrosis Virus Coat Protein. <i>Journal of Molecular Biology</i> , 2013, 425, 1050-1064.	2.0	50
6	Bacteriophage MS2 genomic RNA encodes an assembly instruction manual for its capsid. <i>Bacteriophage</i> , 2016, 6, e1157666.	1.9	38
7	Isolation of an Asymmetric RNA Uncoating Intermediate for a Single-Stranded RNA Plant Virus. <i>Journal of Molecular Biology</i> , 2012, 417, 65-78.	2.0	30
8	Multivalent helix mimetics for PPI-inhibition. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 258-264.	1.5	15
9	Investigating the structural changes due to adenosine methylation of the Kaposi's sarcoma-associated herpes virus ORF50 transcript. <i>PLoS Computational Biology</i> , 2022, 18, e1010150.	1.5	8
10	Distinguishing Closely Related Amyloid Precursors Using an RNA Aptamer. <i>Journal of Biological Chemistry</i> , 2014, 289, 26859-26871.	1.6	7
11	Mutations of the domain forming the dimeric interface of the <scp>A</scp> protein affect dimerization and antimodification activity but not antirestriction activity. <i>FEBS Journal</i> , 2013, 280, 4903-4914.	2.2	5
12	Comparison of ALitretinoin with PUVA as the first-line treatment in patients with severe chronic Hand eczema (ALPHA): study protocol for a randomised controlled trial. <i>BMJ Open</i> , 2022, 12, e060029.	0.8	2
13	Structure and RNA Recognition in Recombinant STNV Capsids. <i>Biophysical Journal</i> , 2012, 102, 641a.	0.2	0
14	Viral Genome Conformations and Contacts across Different Lifecycle Stages. <i>Proceedings (mdpi)</i> , 2020, 50, .	0.2	0