

Saikat Chakraborty

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

720
citations

840776

11
h-index

996975

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17
all docs

17
docs citations

17
times ranked

1103
citing authors

#	ARTICLE	IF	CITATIONS
1	A synthetic icosahedral DNA-based host-cargo complex for functional in vivo imaging. Nature Communications, 2011, 2, 339.	12.8	215
2	The poly dA helix: a new structural motif for high performance DNA-based molecular switches. Nucleic Acids Research, 2009, 37, 2810-2817.	14.5	122
3	Controlled Release of Encapsulated Cargo from a DNA Icosahedron using a Chemical Trigger. Angewandte Chemie - International Edition, 2013, 52, 6854-6857.	13.8	109
4	Template-free detection and classification of membrane-bound complexes in cryo-electron tomograms. Nature Methods, 2020, 17, 209-216.	19.0	60
5	Pri-miR-17-92a transcript folds into a tertiary structure and autoregulates its processing. Rna, 2012, 18, 1014-1028.	3.5	56
6	Cryoelectron Tomography Reveals Nanoscale Organization of the Cytoskeleton and Its Relation to Microtubule Curvature Inside Cells. Structure, 2020, 28, 991-1003.e4.	3.3	32
7	Three-dimensional organization of the cytoskeleton: A cryo-electron tomography perspective. Protein Science, 2020, 29, 1302-1320.	7.6	24
8	The RNA ₂ -PNA ₂ hybrid i-motif—a novel RNA-based building block. Chemical Communications, 2008, , 70-72.	4.1	17
9	A structural map of oncomiR-1 at single-nucleotide resolution. Nucleic Acids Research, 2017, 45, 9694-9705.	14.5	13
10	The Predictive Power of Synthetic Nucleic Acid Technologies in RNA Biology. Accounts of Chemical Research, 2014, 47, 1710-1719.	15.6	12
11	Kinetic hybrid i-motifs: Intercepting DNA with RNA to form a DNA ₂ -RNA ₂ i-motif. Biochimie, 2008, 90, 1088-1095.	2.6	11
12	Designer DNA give RNAi more spine. Nature Nanotechnology, 2012, 7, 344-346.	31.5	10
13	A Method to Encapsulate Molecular Cargo Within DNA Icosahedra. Methods in Molecular Biology, 2013, 991, 65-80.	0.9	4