

# Saikat Chakraborty

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5414548/publications.pdf>

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13  
papers

720  
citations

840776

11  
h-index

996975

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docs citations

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times ranked

1103  
citing authors

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