

Sudhanshu Garg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11086805/publications.pdf>

Version: 2024-02-01

11
papers

453
citations

1163117

8
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	Programming DNA-Based Biomolecular Reaction Networks on Cancer Cell Membranes. <i>Journal of the American Chemical Society</i> , 2019, 141, 16539-16543.	13.7	52
2	Nucleic Acid Hairpins: A Robust and Powerful Motif for Molecular Devices. <i>World Scientific Series in Nanoscience and Nanotechnology</i> , 2019, , 175-199.	0.1	2
3	Localized DNA Hybridization Chain Reactions on DNA Origami. <i>ACS Nano</i> , 2018, 12, 1146-1155.	14.6	111
4	Design and Analysis of Compact DNA Strand Displacement Circuits for Analog Computation Using Autocatalytic Amplifiers. <i>ACS Synthetic Biology</i> , 2018, 7, 46-53.	3.8	33
5	Improving the Performance of DNA Strand Displacement Circuits by Shadow Cancellation. <i>ACS Nano</i> , 2018, 12, 11689-11697.	14.6	39
6	Renewable Time-Responsive DNA Circuits. <i>Small</i> , 2018, 14, e1801470.	10.0	47
7	Design and Analysis of Localized DNA Hybridization Chain Reactions. <i>Small</i> , 2017, 13, 1602983.	10.0	47
8	Design and analysis of linear cascade DNA hybridization chain reactions using DNA hairpins. <i>New Journal of Physics</i> , 2017, 19, 015006.	2.9	9
9	Analog Computation by DNA Strand Displacement Circuits. <i>ACS Synthetic Biology</i> , 2016, 5, 898-912.	3.8	106
10	Activatable tiles for compact robust programmable molecular assembly and other applications. <i>Natural Computing</i> , 2016, 15, 611-634.	3.0	0
11	Directed Enzymatic Activation of 1-D DNA Tiles. <i>ACS Nano</i> , 2015, 9, 1072-1079.	14.6	5