

Sudhanshu Garg

List of Publications by Year in descending order

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