

# Reem Mokhtar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10378143/publications.pdf>

Version: 2024-02-01

9  
papers

586  
citations

1040056

9  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

549  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast and compact DNA logic circuits based on single-stranded gates using strand-displacing polymerase. <i>Nature Nanotechnology</i> , 2019, 14, 1075-1081.	31.5	142
2	Localized DNA Hybridization Chain Reactions on DNA Origami. <i>ACS Nano</i> , 2018, 12, 1146-1155.	14.6	111
3	Analog Computation by DNA Strand Displacement Circuits. <i>ACS Synthetic Biology</i> , 2016, 5, 898-912.	3.8	106
4	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
5	Design and Analysis of Localized DNA Hybridization Chain Reactions. <i>Small</i> , 2017, 13, 1602983.	10.0	47
6	Renewable Time-Responsive DNA Circuits. <i>Small</i> , 2018, 14, e1801470.	10.0	47
7	Improving the Performance of DNA Strand Displacement Circuits by Shadow Cancellation. <i>ACS Nano</i> , 2018, 12, 11689-11697.	14.6	39
8	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
9	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