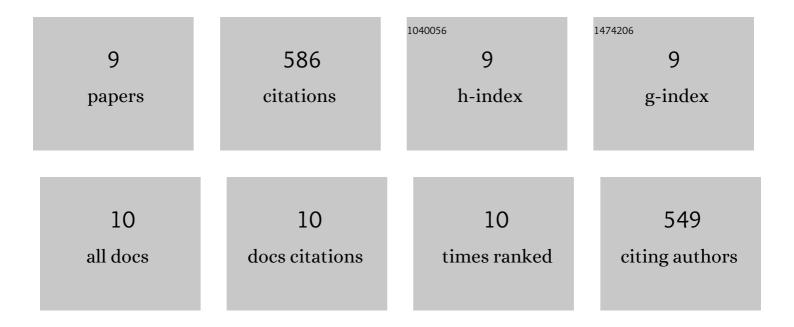
Reem Mokhtar

List of Publications by Year in descending order

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REEM MOKHTAD

| # | Article | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Fast and compact DNA logic circuits based on single-stranded gates using strand-displacing polymerase. Nature Nanotechnology, 2019, 14, 1075-1081. | 31.5 | 142 |
| 2 | Localized DNA Hybridization Chain Reactions on DNA Origami. ACS Nano, 2018, 12, 1146-1155. | 14.6 | 111 |
| 3 | Analog Computation by DNA Strand Displacement Circuits. ACS Synthetic Biology, 2016, 5, 898-912. | 3.8 | 106 |
| 4 | Programming DNA-Based Biomolecular Reaction Networks on Cancer Cell Membranes. Journal of the American Chemical Society, 2019, 141, 16539-16543. | 13.7 | 52 |
| 5 | Design and Analysis of Localized DNA Hybridization Chain Reactions. Small, 2017, 13, 1602983. | 10.0 | 47 |
| 6 | Renewable Timeâ€Responsive DNA Circuits. Small, 2018, 14, e1801470. | 10.0 | 47 |
| 7 | Improving the Performance of DNA Strand Displacement Circuits by Shadow Cancellation. ACS Nano, 2018, 12, 11689-11697. | 14.6 | 39 |
| 8 | 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 |
| 9 | Design and analysis of linear cascade DNA hybridization chain reactions using DNA hairpins. New Journal of Physics, 2017, 19, 015006. | 2.9 | 9 |