Paul W K Rothemund

List of Publications by Year
in descending order

14	8,896	623574	1058333
papers	citations	14 h-index	14 g-index

16	16	16	7524
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Properties of DNA- and Protein-Scaffolded Lipid Nanodiscs. ACS Nano, 2021, 15, 751-764.	7.3	17
2	Absolute and arbitrary orientation of single-molecule shapes. Science, 2021, 371, .	6.0	54
3	RNA origami design tools enable cotranscriptional folding of kilobase-sized nanoscaffolds. Nature Chemistry, 2021, 13, 549-558.	6.6	61
4	Bench-Top Fabrication of Single-Molecule Nanoarrays by DNA Origami Placement. ACS Nano, 2021, 15, 11441-11450.	7.3	27
5	Branched kissing loops for the construction of diverse RNA homooligomeric nanostructures. Nature Chemistry, 2020, 12, 249-259.	6.6	49
6	Engineering and mapping nanocavity emission via precision placement of DNA origami. Nature, 2016, 535, 401-405.	13.7	213
7	Optimized Assembly and Covalent Coupling of Single-Molecule DNA Origami Nanoarrays. ACS Nano, 2014, 8, 12030-12040.	7.3	105
8	Self-assembly of two-dimensional DNA origami lattices using cation-controlled surface diffusion. Nature Communications, 2014, 5, 4889.	5.8	147
9	A single-stranded architecture for cotranscriptional folding of RNA nanostructures. Science, 2014, 345, 799-804.	6.0	292
10	Programmable molecular recognition based on the geometry of DNA nanostructures. Nature Chemistry, 2011, 3, 620-627.	6.6	341
11	Self-assembly of carbon nanotubes into two-dimensional geometries using DNA origami templates. Nature Nanotechnology, 2010, 5, 61-66.	15.6	567
12	Placement and orientation of individual DNA shapes on lithographically patterned surfaces. Nature Nanotechnology, 2009, 4, 557-561.	15.6	346
13	Folding DNA to create nanoscale shapes and patterns. Nature, 2006, 440, 297-302.	13.7	6,218
14	Design and Characterization of Programmable DNA Nanotubes. Journal of the American Chemical Society, 2004, 126, 16344-16352.	6.6	454