Mingjie Dai

List of Publications by Year
in descending order

21 papers	3,202 citations	706676 14 h-index	939365 18 g-index
23 all docs	23 docs citations	23 times ranked	4449 citing authors

#	Article	IF	Citations
1	The emerging landscape of single-molecule protein sequencing technologies. Nature Methods, 2021, 18, 604-617.	9.0	198
2	Rotation tracking of genome-processing enzymes using DNA origami rotors. Nature, 2019, 572, 136-140.	13.7	79
3	Super-resolution labelling with Action-PAINT. Nature Chemistry, 2019, 11, 1001-1008.	6.6	20
4	Superâ€resolution Geometric Barcoding for Multiplexed miRNA Profiling. Angewandte Chemie, 2018, 130, 14271-14275.	1.6	4
5	Superâ€resolution Geometric Barcoding for Multiplexed miRNA Profiling. Angewandte Chemie - International Edition, 2018, 57, 14075-14079.	7.2	23
6	High-throughput Rotation Tracking using DNA Origami Rotors. Biophysical Journal, 2018, 114, 389a.	0.2	0
7	Single-Molecule Protein Identification Through Peptide Chain Barcoding and Optical Readout. Biophysical Journal, 2018, 114, 531a.	0.2	0
8	Reconfigurable Three-Dimensional Gold Nanorod Plasmonic Nanostructures Organized on DNA Origami Tripod. ACS Nano, 2017, 11, 1172-1179.	7.3	129
9	Rapid Sequential in Situ Multiplexing with DNA Exchange Imaging in Neuronal Cells and Tissues. Nano Letters, 2017, 17, 6131-6139.	4.5	116
10	Study of electronic interactions and photo-induced electron transfer dynamics in a metalloconjugated polymerâ€“single-walled carbon nanotube hybrid by ultrafast transient absorption spectroscopy. Journal of Materials Chemistry A, 2017, 5, 18527-18534.	5.2	9
11	Single-stranded DNA and RNA origami. Science, 2017, 358, .	6.0	202
12	DNA-PAINT Super-Resolution Imaging for Nucleic Acid Nanostructures. Methods in Molecular Biology, 2017, 1500, 185-202.	0.4	12
13	Optical imaging of individual biomolecules in densely packed clusters. Nature Nanotechnology, 2016, 11, 798-807.	15.6	204
14	Quantitative super-resolution imaging with qPAINT. Nature Methods, 2016, 13, 439-442.	9.0	328
15	Single-Molecule Digital Imaging with Molecular Resolution using DNA-Paint. Biophysical Journal, 2015, 108, 477a-478a.	0.2	0
16	DNA-Paint and Exchange-Paint for Multiplexed 3D Super-Resolution Microscopy. Biophysical Journal, 2015, 108, 477a.	0.2	1
17	Multiplexed 3D cellular super-resolution imaging with DNA-PAINT and Exchange-PAINT. Nature Methods, 2014, 11, 313-318.	9.0	881
18	Isothermal Self-Assembly of Complex DNA Structures under Diverse and Biocompatible Conditions. Nano Letters, 2013, 13, 4242-4248.	4.5	50

#	Article	IF	Citations
19	Design Space for Complex DNA Structures. Journal of the American Chemical Society, 2013, 135, 18080-18088.	6.6	36
20	Complex shapes self-assembled from single-stranded DNA tiles. Nature, 2012, 485, 623-626.	13.7	835
21	Active Process Mediates Species-Specific Tuning of Drosophila Ears. Current Biology, 2011, 21, 658-664.	1.8	73