

# Han Cao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8910422/publications.pdf>

Version: 2024-02-01

12  
papers

2,995  
citations

840776

11  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

4576  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome mapping on nanochannel arrays for structural variation analysis and sequence assembly. Nature Biotechnology, 2012, 30, 771-776.	17.5	586
2	Assembly and diploid architecture of an individual human genome via single-molecule technologies. Nature Methods, 2015, 12, 780-786.	19.0	465
3	The dynamics of genomic-length DNA molecules in 100-nm channels. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10979-10983.	7.1	458
4	Fabrication of 10 nm enclosed nanofluidic channels. Applied Physics Letters, 2002, 81, 174-176.	3.3	312
5	High-resolution comparative analysis of great ape genomes. Science, 2018, 360, .	12.6	304
6	Micro- and nanofluidics for DNA analysis. Analytical and Bioanalytical Chemistry, 2004, 378, 1678-1692.	3.7	292
7	Gradient nanostructures for interfacing microfluidics and nanofluidics. Applied Physics Letters, 2002, 81, 3058-3060.	3.3	199
8	Single molecule linear analysis of DNA in nano-channel labeled with sequence specific fluorescent probes. Nucleic Acids Research, 2010, 38, e177-e177.	14.5	147
9	Genome-Wide Structural Variation Detection by Genome Mapping on Nanochannel Arrays. Genetics, 2016, 202, 351-362.	2.9	126
10	Distribution of distances between DNA barcode labels in nanochannels close to the persistence length. Journal of Chemical Physics, 2015, 142, 064902.	3.0	43
11	Odijk Excluded Volume Interactions during the Unfolding of DNA Confined in a Nanochannel. Macromolecules, 2018, 51, 1172-1180.	4.8	11
12	Optically tuned subwavelength resonant grating filter with bacteriorhodopsin overlayer. , 0, , .		2