

# Haorong Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6328566/publications.pdf>

Version: 2024-02-01

19  
papers

820  
citations

840776

11  
h-index

888059

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1064  
citing authors

#	ARTICLE	IF	CITATIONS
1	Auxetic Twoâ€Dimensional Nanostructures from DNA**. Angewandte Chemie - International Edition, 2021, 60, 7165-7173.	13.8	15
2	Auxetic Twoâ€Dimensional Nanostructures from DNA**. Angewandte Chemie, 2021, 133, 7241-7249.	2.0	1
3	Topological Assembly of a Deployable Hoberman Flight Ring from DNA. Small, 2021, 17, e2007069.	10.0	8
4	Elucidating the Mechanical Energy for Cyclization of a DNA Origami Tile. Applied Sciences (Switzerland), 2021, 11, 2357.	2.5	5
5	Conformational Control of DNA Origami by DNA Oligomers, Intercalators and UV Light. Methods and Protocols, 2021, 4, 38.	2.0	2
6	Conformational Effects of UV Light on DNA Origami. Journal of the American Chemical Society, 2017, 139, 1380-1383.	13.7	50
7	Visible/near-infrared subdiffraction imaging reveals the stochastic nature of DNA walkers. Science Advances, 2017, 3, e1601600.	10.3	45
8	DNA Walkers as Transport Vehicles of Nanoparticles Along a Carbon Nanotube Track. Methods in Molecular Biology, 2017, 1500, 269-280.	0.9	6
9	A DNAzyme-mediated logic gate for programming molecular capture and release on DNA origami. Chemical Communications, 2016, 52, 8369-8372.	4.1	38
10	Dynamic and Progressive Control of DNA Origami Conformation by Modulating DNA Helicity with Chemical Adducts. ACS Nano, 2016, 10, 4989-4996.	14.6	61
11	DNA Origami as Programmable Nanofabrication Tools. , 2016, , 827-847.		0
12	Nanomanufacturing of 2D Transition Metal Dichalcogenide Materials Using Self-Assembled DNA Nanotubes. Small, 2015, 11, 5520-5527.	10.0	29
13	Design Principles of DNA Enzyme-Based Walkers: Translocation Kinetics and Photoregulation. Journal of the American Chemical Society, 2015, 137, 9429-9437.	13.7	97
14	Recent progress on DNA based walkers. Current Opinion in Biotechnology, 2015, 34, 56-64.	6.6	127
15	DNA Origami as Programmable Nanofabrication Tools. , 2015, , 1-22.		0
16	A synthetic DNA motor that transports nanoparticles along carbon nanotubes. Nature Nanotechnology, 2014, 9, 39-43.	31.5	238
17	Understanding the Mechanical Properties of DNA Origami Tiles and Controlling the Kinetics of Their Folding and Unfolding Reconfiguration. Journal of the American Chemical Society, 2014, 136, 6995-7005.	13.7	59
18	Multiplexed Optical Detection of Plasma Porphyrins Using DNA Aptamer-Functionalized Carbon Nanotubes. Analytical Chemistry, 2013, 85, 8391-8396.	6.5	22

#	ARTICLE	IF	CITATIONS
19	Hierarchically assembled DNA origami tubules with reconfigurable chirality. <i>Nanotechnology</i> , 2013, 24, 435601.	2.6	16