

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	A synthetic DNA motor that transports nanoparticles along carbon nanotubes. <i>Nature Nanotechnology</i> , 2014, 9, 39-43.	31.5	238
2	Recent progress on DNA based walkers. <i>Current Opinion in Biotechnology</i> , 2015, 34, 56-64.	6.6	127
3	Design Principles of DNA Enzyme-Based Walkers: Translocation Kinetics and Photoregulation. <i>Journal of the American Chemical Society</i> , 2015, 137, 9429-9437.	13.7	97
4	Dynamic and Progressive Control of DNA Origami Conformation by Modulating DNA Helicity with Chemical Adducts. <i>ACS Nano</i> , 2016, 10, 4989-4996.	14.6	61
5	Understanding the Mechanical Properties of DNA Origami Tiles and Controlling the Kinetics of Their Folding and Unfolding Reconfiguration. <i>Journal of the American Chemical Society</i> , 2014, 136, 6995-7005.	13.7	59
6	Conformational Effects of UV Light on DNA Origami. <i>Journal of the American Chemical Society</i> , 2017, 139, 1380-1383.	13.7	50
7	Visible/near-infrared subdiffraction imaging reveals the stochastic nature of DNA walkers. <i>Science Advances</i> , 2017, 3, e1601600.	10.3	45
8	A DNAzyme-mediated logic gate for programming molecular capture and release on DNA origami. <i>Chemical Communications</i> , 2016, 52, 8369-8372.	4.1	38
9	Nanomanufacturing of 2D Transition Metal Dichalcogenide Materials Using Self-Assembled DNA Nanotubes. <i>Small</i> , 2015, 11, 5520-5527.	10.0	29
10	Multiplexed Optical Detection of Plasma Porphyrins Using DNA Aptamer-Functionalized Carbon Nanotubes. <i>Analytical Chemistry</i> , 2013, 85, 8391-8396.	6.5	22
11	Hierarchically assembled DNA origami tubules with reconfigurable chirality. <i>Nanotechnology</i> , 2013, 24, 435601.	2.6	16
12	Auxetic Twoâ€­Dimensional Nanostructures from DNA**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7165-7173.	13.8	15
13	Topological Assembly of a Deployable Hoberman Flight Ring from DNA. <i>Small</i> , 2021, 17, e2007069.	10.0	8
14	DNA Walkers as Transport Vehicles of Nanoparticles Along a Carbon Nanotube Track. <i>Methods in Molecular Biology</i> , 2017, 1500, 269-280.	0.9	6
15	Elucidating the Mechanical Energy for Cyclization of a DNA Origami Tile. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2357.	2.5	5
16	Conformational Control of DNA Origami by DNA Oligomers, Intercalators and UV Light. <i>Methods and Protocols</i> , 2021, 4, 38.	2.0	2
17	Auxetic Twoâ€­Dimensional Nanostructures from DNA**. <i>Angewandte Chemie</i> , 2021, 133, 7241-7249.	2.0	1
18	DNA Origami as Programmable Nanofabrication Tools. , 2015, , 1-22.		0

#	ARTICLE	IF	CITATIONS
19	DNA Origami as Programmable Nanofabrication Tools. , 2016, , 827-847.		0