Chenxiang Lin

List of Publications by Year
in descending order

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Version: 2024-02-01

		201674	206112
46	3,989	27	48
papers	citations	h-index	g-index

60	60	60	3429
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variant-specific vaccination induces systems immune responses and potent inÂvivo protection against SARS-CoV-2. Cell Reports Medicine, 2022, 3, 100634.	6.5	10
2	Fluorogenic DNA-PAINT for faster, low-background super-resolution imaging. Nature Methods, 2022, 19, 554-559.	19.0	44
3	Omicron-specific mRNA vaccination alone and as a heterologous booster against SARS-CoV-2. Nature Communications, 2022, 13, .	12.8	40
4	Frame-Guided Assembly of Amphiphiles. Accounts of Chemical Research, 2022, 55, 1938-1948.	15.6	15
5	DNA origami. Nature Reviews Methods Primers, 2021, 1, .	21.2	382
6	Sorting sub-150-nm liposomes of distinct sizes by DNA-brick-assisted centrifugation. Nature Chemistry, 2021, 13, 335-342.	13.6	34
7	FisB relies on homo-oligomerization and lipid binding to catalyze membrane fission in bacteria. PLoS Biology, 2021, 19, e3001314.	5.6	9
8	DNA-Origami NanoTrap for Studying the Selective Barriers Formed by Phenylalanine-Glycine-Rich Nucleoporins. Journal of the American Chemical Society, 2021, 143, 12294-12303.	13.7	15
9	DNA Origami Postâ€Processing by CRISPRâ€Cas12a. Angewandte Chemie - International Edition, 2020, 59, 3956-3960.	13.8	22
10	Engineering Lipid Membranes with Programmable DNA Nanostructures. Advanced Biology, 2020, 4, 1900215.	3.0	34
11	DNA-Origami-Based Fluorescence Brightness Standards for Convenient and Fast Protein Counting in Live Cells. Nano Letters, 2020, 20, 8890-8896.	9.1	8
12	DNA Origami Postâ€Processing by CRISPRâ€Cas12a. Angewandte Chemie, 2020, 132, 3984-3988.	2.0	3
13	RNA returns to the fold. Nature Chemistry, 2020, 12, 221-222.	13.6	1
14	A programmable DNA-origami platform for studying lipid transfer between bilayers. Nature Chemical Biology, 2019, 15, 830-837.	8.0	66
15	Stiffness and Membrane Anchor Density Modulate DNA-Nanospring-Induced Vesicle Tubulation. ACS Applied Materials & Interfaces, 2019, 11, 22987-22992.	8.0	23
16	Quantification of Biomolecular Dynamics Inside Real and Synthetic Nuclear Pore Complexes Using Time-Resolved Atomic Force Microscopy. ACS Nano, 2019, 13, 7949-7956.	14.6	14
17	Vesicle Tubulation with Selfâ€Assembling DNA Nanosprings. Angewandte Chemie, 2018, 130, 5428-5432.	2.0	10
18	Vesicle Tubulation with Selfâ€Assembling DNA Nanosprings. Angewandte Chemie - International Edition, 2018, 57, 5330-5334.	13.8	85

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19	A Programmable DNA Origami Platform for Organizing Intrinsically Disordered Nucleoporins within Nanopore Confinement. ACS Nano, 2018, 12, 1508-1518.	14.6	84
20	Modulation of the Cellular Uptake of DNA Origami through Control over Mass and Shape. Nano Letters, 2018, 18, 3557-3564.	9.1	183
21	Placing and shaping liposomes with reconfigurable DNA nanocages. Nature Chemistry, 2017, 9, 653-659.	13.6	178
22	Directing reconfigurable DNA nanoarrays. Science, 2017, 357, 352-353.	12.6	5
23	DNA-based self-assembly of nanostructures. , 2017, , .		0
24	DNA Origami Rotaxanes: Tailored Synthesis and Controlled Structure Switching. Angewandte Chemie - International Edition, 2016, 55, 11412-11416.	13.8	40
25	DNA Origami Rotaxanes: Tailored Synthesis and Controlled Structure Switching. Angewandte Chemie, 2016, 128, 11584-11588.	2.0	19
26	Self-assembly of size-controlled liposomes on DNA nanotemplates. Nature Chemistry, 2016, 8, 476-483.	13.6	222
27	A Programmable DNA Origami Platform to Organize SNAREs for Membrane Fusion. Journal of the American Chemical Society, 2016, 138, 4439-4447.	13.7	78
28	Controlled Co-reconstitution of Multiple Membrane Proteins in Lipid Bilayer Nanodiscs Using DNA as a Scaffold. ACS Chemical Biology, 2015, 10, 2448-2454.	3.4	21
29	Purification of DNA-origami nanostructures by rate-zonal centrifugation. Nucleic Acids Research, 2013, 41, e40-e40.	14.5	133
30	Submicrometre geometrically encoded fluorescent barcodes self-assembled from DNA. Nature Chemistry, 2012, 4, 832-839.	13.6	252
31	Synthesis and Characterization of Self-Assembled DNA Nanostructures. Methods in Molecular Biology, 2011, 749, 1-11.	0.9	3
32	Recovery of intact DNA nanostructures after agarose gelâ€“based separation. Nature Methods, 2011, 8, 192-194.	19.0	88
33	Knitting complex weaves with DNA origami. Current Opinion in Structural Biology, 2010, 20, 276-282.	5.7	128
34	Tiamat: A Three-Dimensional Editing Tool for Complex DNA Structures. Lecture Notes in Computer Science, 2009, , 90-101.	1.3	83
35	Designer DNA Nanoarchitectures. Biochemistry, 2009, 48, 1663-1674.	2.5	260
36	Mirror Image DNA Nanostructures for Chiral Supramolecular Assemblies. Nano Letters, 2009, 9, 433-436.	9.1	63

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37	DNAâ€Tileâ€Directed Selfâ€Assembly of Quantum Dots into Twoâ€Dimensional Nanopatterns. Angewandte Chemie - International Edition, 2008, 47, 5157-5159.	13.8	151
38	In vivo cloning of artificial DNA nanostructures. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17626-17631.	7.1	111
39	Signal amplification on a DNA-tile-based biosensor with enhanced sensitivity. Nanomedicine, 2008, 3, 521-528.	3.3	17
40	Self-Assembled Combinatorial Encoding Nanoarrays for Multiplexed Biosensing. Nano Letters, 2007, 7, 507-512.	9.1	116
41	Rolling Circle Enzymatic Replication of a Complex Multi-Crossover DNA Nanostructure. Journal of the American Chemical Society, 2007, 129, 14475-14481.	13.7	66
42	Layer-by-layer growth of superparamagnetic, fluorescent barcode nanospheres. Nanotechnology, 2007, 18, 405604.	2.6	20
43	Self-Assembled Signaling Aptamer DNA Arrays for Protein Detection. Angewandte Chemie - International Edition, 2006, 45, 5296-5301.	13.8	141
44	Rolling-Circle Amplification of a DNA Nanojunction. Angewandte Chemie - International Edition, 2006, 45, 7537-7539.	13.8	55
45	DNA Tile Based Self-Assembly: Building Complex Nanoarchitectures. ChemPhysChem, 2006, 7, 1641-1647.	2.1	352
46	Aptamer-Directed Self-Assembly of Protein Arrays on a DNA Nanostructure. Angewandte Chemie - International Edition, 2005, 44, 4333-4338.	13.8	192