Ye Tian

List of Publications by Year
in descending order

40 papers	1,756 citations	516215 16 h-index	315357 38 g-index
40 all docs	40 docs citations	40 times ranked	2015 citing authors

#	Article	IF	Citations
1	DNA Origamiâ€Based Protein Manipulation Systems: From Function Regulation to Biological Application. ChemBioChem, 2022, 23, .	1.3	5
2	A fluorogenic RNA aptamer nanodevice for the low background imaging of mRNA in living cells. Chemical Communications, 2022, 58, 1354-1357.	2.2	3
3	H₂S Involved Photocatalytic System: A Novel Syngas Production Strategy by Boosting the Photoreduction of CO₂ While Recovering Hydrogen from the Environmental Toxicant. Advanced Functional Materials, 2022, 32, .	7.8	12
4	Two-Stage Assembly of Nanoparticle Superlattices with Multiscale Organization. Nano Letters, 2022, 22, 3809-3817.	4.5	10
5	A six-plex switchable DNA origami cipher disk for tandem-in-time cryptography. Chemical Communications, 2022, 58, 6124-6127.	2.2	4
6	DNAâ€mediated Assembly of Carbon Nanomaterials. ChemPlusChem, 2022, 87, e202200089.	1.3	1
7	Short intrinsically disordered polypeptideâ€“oligonucleotide conjugates for programmed self-assembly of nanospheres with temperature-dependent size controllability. Soft Matter, 2021, 17, 1184-1188.	1.2	7
8	DNA origami: an outstanding platform for functions in nanophotonics and cancer therapy. Analyst, The, 2021, 146, 1807-1819.	1.7	9
9	Editorial: Nanotechnology in Traditional Medicines and Natural Products. Frontiers in Chemistry, 2021, 9, 633419.	1.8	7
10	Resilient three-dimensional ordered architectures assembled from nanoparticles by DNA. Science Advances, 2021, 7, .	4.7	45
11	Environment-Resistant DNA Origami Crystals Bridged by Rigid DNA Rods with Adjustable Unit Cells. Nano Letters, 2021, 21, 3581-3587.	4.5	13
12	DNA origami single crystals with Wulff shapes. Nature Communications, 2021, 12, 3011.	5.8	38
13	<scp>DNAâ€Based</scp> Architectures for in situ Target Biomolecule Analysis in Confined Nanoâ€space^{â€}. Chinese Journal of Chemistry, 2021, 39, 2027-2034.	2.6	7
14	DNA-Grafted 3D Superlattice Self-Assembly. International Journal of Molecular Sciences, 2021, 22, 7558.	1.8	8
15	DNA Origami Frameworks Enabled Selfâ€Protective siRNA Delivery for Dual Enhancement of Chemoâ€Photothermal Combination Therapy. Small, 2021, 17, e2101780.	5.2	23
16	Applications of DNA-Functionalized Proteins. International Journal of Molecular Sciences, 2021, 22, 12911.	1.8	1
17	Low-entropy lattices engineered through bridged DNA origami frames. Chemical Science, 2021, 13, 283-289.	3.7	3
18	Polarized Single-Particle Quantum Dot Emitters through Programmable Cluster Assembly. ACS Nano, 2020, 14, 1369-1378.	7.3	34

#	Article	IF	Citations
19	Recent Advances in Barrier Layer of Cu Interconnects. Materials, 2020, 13, 5049.	1.3	51
20	Programmable Cocrystallization of DNA Origami Shapes. Journal of the American Chemical Society, 2020, 142, 21336-21343.	6.6	32
21	DNA Origami-Enabled Biosensors. Sensors, 2020, 20, 6899.	2.1	38
22	Bottom-Up Self-Assembly Based on DNA Nanotechnology. Nanomaterials, 2020, 10, 2047.	1.9	27
23	Three-Dimensional Patterning of Nanoparticles by Molecular Stamping. ACS Nano, 2020, 14, 6823-6833.	7.3	42
24	Stepwise assembly of nanoclusters guided by DNA origami frames with high-throughput. Chemical Communications, 2020, 56, 4918-4921.	2.2	6
25	Directional Assembly of Nanoparticles by DNA Shapes: Towards Designed Architectures and Functionality. Topics in Current Chemistry, 2020, 378, 36.	3.0	18
26	Characterization of 3D DNA Assemblies Using Cryogenic Electron Microscopy. Chemical Research in Chinese Universities, 2020, 36, 227-236.	1.3	0
27	Ordered three-dimensional nanomaterials using DNA-prescribed and valence-controlled material voxels. Nature Materials, 2020, 19, 789-796.	13.3	172
28	Programmable Assembly of Nanoâ€architectures through Designing Anisotropic DNA Origami Patches. Angewandte Chemie, 2020, 132, 6451-6458.	1.6	6
29	Programmable Assembly of Nanoâ€architectures through Designing Anisotropic DNA Origami Patches. Angewandte Chemie - International Edition, 2020, 59, 6389-6396.	7.2	25
30	3D Lattice Engineering of Nanoparticles by DNA Shells. Small, 2019, 15, e1805401.	5.2	13
31	Nanoscale viscosity of confined polyethylene oxide. Physical Review E, 2019, 100, 062503.	0.8	3
32	Translating Thermal Response of Triblock Copolymer Assemblies in Dilute Solution to Macroscopic Gelation and Phase Separation. Angewandte Chemie - International Edition, 2017, 56, 1491-1494.	7.2	9
33	Translating Thermal Response of Triblock Copolymer Assemblies in Dilute Solution to Macroscopic Gelation and Phase Separation. Angewandte Chemie, 2017, 129, 1513-1516.	1.6	4
34	Healing X-ray scattering images. IUCrJ, 2017, 4, 455-465.	1.0	9
35	Self-organized architectures from assorted DNA-framed nanoparticles. Nature Chemistry, 2016, 8, 867-873.	6.6	210
36	Lattice engineering through nanoparticleâ€“DNA frameworks. Nature Materials, 2016, 15, 654-661.	13.3	198

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37	Prescribed nanoparticle cluster architectures and low-dimensional arrays built using octahedral DNA origami frames. Nature Nanotechnology, 2015, 10, 637-644.	15.6	243
38	Light-Harvesting Nanoparticle Coreâ€“Shell Clusters with Controllable Optical Output. ACS Nano, 2015, 9, 5657-5665.	7.3	50
39	Discrete Nanocubes as Plasmonic Reporters of Molecular Chirality. Nano Letters, 2013, 13, 3145-3151.	4.5	178
40	Highly Connected Two-Dimensional Crystals of DNA Six-Point-Stars. Journal of the American Chemical Society, 2006, 128, 15978-15979.	6.6	192