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	Prescribed nanoparticle cluster architectures and low-dimensional arrays built using octahedral DNA origami frames. Nature Nanotechnology, 2015, 10, 637-644.	15.6	243
2	Self-organized architectures from assorted DNA-framed nanoparticles. Nature Chemistry, 2016, 8, 867-873.	6.6	210
3	Lattice engineering through nanoparticleâ€“DNA frameworks. Nature Materials, 2016, 15, 654-661.	13.3	198
4	Highly Connected Two-Dimensional Crystals of DNA Six-Point-Stars. Journal of the American Chemical Society, 2006, 128, 15978-15979.	6.6	192
5	Discrete Nanocubes as Plasmonic Reporters of Molecular Chirality. Nano Letters, 2013, 13, 3145-3151.	4.5	178
6	Ordered three-dimensional nanomaterials using DNA-prescribed and valence-controlled material voxels. Nature Materials, 2020, 19, 789-796.	13.3	172
7	Recent Advances in Barrier Layer of Cu Interconnects. Materials, 2020, 13, 5049.	1.3	51
8	Light-Harvesting Nanoparticle Coreâ€“Shell Clusters with Controllable Optical Output. ACS Nano, 2015, 9, 5657-5665.	7.3	50
9	Resilient three-dimensional ordered architectures assembled from nanoparticles by DNA. Science Advances, 2021, 7, .	4.7	45
10	Three-Dimensional Patterning of Nanoparticles by Molecular Stamping. ACS Nano, 2020, 14, 6823-6833.	7.3	42
11	DNA Origami-Enabled Biosensors. Sensors, 2020, 20, 6899.	2.1	38
12	DNA origami single crystals with Wulff shapes. Nature Communications, 2021, 12, 3011.	5.8	38
13	Polarized Single-Particle Quantum Dot Emitters through Programmable Cluster Assembly. ACS Nano, 2020, 14, 1369-1378.	7.3	34
14	Programmable Cocrystallization of DNA Origami Shapes. Journal of the American Chemical Society, 2020, 142, 21336-21343.	6.6	32
15	Bottom-Up Self-Assembly Based on DNA Nanotechnology. Nanomaterials, 2020, 10, 2047.	1.9	27
16	Programmable Assembly of Nanoâ€architectures through Designing Anisotropic DNA Origami Patches. Angewandte Chemie - International Edition, 2020, 59, 6389-6396.	7.2	25
17	DNA Origami Frameworks Enabled Selfâ€Protective siRNA Delivery for Dual Enhancement of Chemoâ€Photothermal Combination Therapy. Small, 2021, 17, e2101780.	5.2	23
18	Directional Assembly of Nanoparticles by DNA Shapes: Towards Designed Architectures and Functionality. Topics in Current Chemistry, 2020, 378, 36.	3.0	18

#	Article	IF	Citations
19	3D Lattice Engineering of Nanoparticles by DNA Shells. Small, 2019, 15, e1805401.	5.2	13
20	Environment-Resistant DNA Origami Crystals Bridged by Rigid DNA Rods with Adjustable Unit Cells. Nano Letters, 2021, 21, 3581-3587.	4.5	13
21	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
22	Two-Stage Assembly of Nanoparticle Superlattices with Multiscale Organization. Nano Letters, 2022, 22, 3809-3817.	4.5	10
23	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
24	DNA origami: an outstanding platform for functions in nanophotonics and cancer therapy. Analyst, The, 2021, 146, 1807-1819.	1.7	9
25	Healing X-ray scattering images. IUCrJ, 2017, 4, 455-465.	1.0	9
26	DNA-Grafted 3D Superlattice Self-Assembly. International Journal of Molecular Sciences, 2021, 22, 7558.	1.8	8
27	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
28	Editorial: Nanotechnology in Traditional Medicines and Natural Products. Frontiers in Chemistry, 2021, 9, 633419.	1.8	7
29	<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
30	Stepwise assembly of nanoclusters guided by DNA origami frames with high-throughput. Chemical Communications, 2020, 56, 4918-4921.	2.2	6
31	Programmable Assembly of Nanoâ€architectures through Designing Anisotropic DNA Origami Patches. Angewandte Chemie, 2020, 132, 6451-6458.	1.6	6
32	DNA Origamiâ€Based Protein Manipulation Systems: From Function Regulation to Biological Application. ChemBioChem, 2022, 23, .	1.3	5
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	A six-plex switchable DNA origami cipher disk for tandem-in-time cryptography. Chemical Communications, 2022, 58, 6124-6127.	2.2	4
35	Nanoscale viscosity of confined polyethylene oxide. Physical Review E, 2019, 100, 062503.	0.8	3
36	Low-entropy lattices engineered through bridged DNA origami frames. Chemical Science, 2021, 13, 283-289.	3.7	3

#	Article	IF	Citations
37	A fluorogenic RNA aptamer nanodevice for the low background imaging of mRNA in living cells. Chemical Communications, 2022, 58, 1354-1357.	2.2	3
38	Applications of DNA-Functionalized Proteins. International Journal of Molecular Sciences, 2021, 22, 12911.	1.8	1
39	DNAâ€mediated Assembly of Carbon Nanomaterials. ChemPlusChem, 2022, 87, e202200089.	1.3	1
40	Characterization of 3D DNA Assemblies Using Cryogenic Electron Microscopy. Chemical Research in Chinese Universities, 2020, 36, 227-236.	1.3	0