

# Mengxi Zheng

## List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo production of RNA nanostructures via programmed folding of single-stranded RNAs. <i>Nature Communications</i> , 2018, 9, 2196.	12.8	72
2	Making Engineered 3D DNA Crystals Robust. <i>Journal of the American Chemical Society</i> , 2019, 141, 15850-15855.	13.7	43
3	Patterning Nanoparticles with DNA Molds. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 13853-13858.	8.0	30
4	Powering $\sim 50 \text{ \AA}$ Motion by a Molecular Event in DNA Crystals. <i>Advanced Materials</i> , 2022, 34, e2200441.	21.0	21
5	Programming DNA Self-Assembly by Geometry. <i>Journal of the American Chemical Society</i> , 2022, 144, 8741-8745.	13.7	18
6	Insight into the effects of modifying $\pi$ -bridges on the performance of dye-sensitized solar cells containing triphenylamine dyes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29555-29560.	2.8	16
7	Structure-Guided Designing Pre-Organization in Bivalent Aptamers. <i>Journal of the American Chemical Society</i> , 2022, 144, 4507-4514.	13.7	16
8	Syntheses, Structures, and Properties of Four Metal-Organic Frameworks Based on a N-Centered Multidentate Pyridine-Carboxylate Bifunctional Ligand. <i>Crystal Growth and Design</i> , 2016, 16, 4711-4719.	3.0	15
9	Macrocyclic $\text{Se}_4\text{N}_2$ [7,7]ferrocenophane and $\text{Se}_2\text{N}[10]$ ferrocenophane containing benzyl unit: synthesis, complexation, crystal structures, electrochemical and optical properties. <i>Dalton Transactions</i> , 2016, 45, 3417-3428.	3.3	12
10	5'-Phosphorylation Strengthens Sticky-End Cohesions. <i>Journal of the American Chemical Society</i> , 2021, 143, 14987-14991.	13.7	7
11	Assembly of a DNA Origami Chinese Knot by Only 15% of the Staple Strands. <i>ChemBioChem</i> , 2020, 21, 2132-2136.	2.6	6
12	Kinetic DNA Self-Assembly: Simultaneously Co-folding Complementary DNA Strands into Identical Nanostructures. <i>Journal of the American Chemical Society</i> , 2021, 143, 20363-20367.	13.7	6
13	Engineering the Nanoscaled Morphologies of Linear DNA Homopolymers. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100217.	3.9	5