

Yongzheng Xing

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

2,031
citations

516215

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839053

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docs citations

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times ranked

2302
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly shape- and size-tunable membrane nanopores made with DNA. <i>Nature Nanotechnology</i> , 2022, 17, 708-713.	15.6	38
2	A reversibly gated protein-transporting membrane channel made of DNA. <i>Nature Communications</i> , 2022, 13, 2271.	5.8	30
3	Design, assembly, and characterization of membrane-spanning DNA nanopores. <i>Nature Protocols</i> , 2021, 16, 86-130.	5.5	40
4	Synthetic protein-conductive membrane nanopores built with DNA. <i>Nature Communications</i> , 2019, 10, 5018.	5.8	76
5	A supramolecular hydrogel with identical cross-linking point density but distinctive rheological properties. <i>Materials Chemistry Frontiers</i> , 2017, 1, 654-659.	3.2	38
6	Rapid Formation of a Supramolecular Polypeptide-DNA Hydrogel for In Situ Three-Dimensional Multilayer Bioprinting. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3957-3961.	7.2	344
7	Membrane-Assisted Growth of DNA Origami Nanostructure Arrays. <i>ACS Nano</i> , 2015, 9, 3530-3539.	7.3	151
8	A Triggered DNA Hydrogel Cover to Envelop and Release Single Cells. <i>Advanced Materials</i> , 2013, 25, 4714-4717.	11.1	122
9	Influence of Tetra(ethylene glycol) (EG ₄) Substitution at the Loop Region on the Intramolecular DNA i-Motif. <i>Macromolecules</i> , 2012, 45, 2643-2647.	2.2	17
10	Study of pH-Induced Folding and Unfolding Kinetics of the DNA i-Motif by Stopped-Flow Circular Dichroism. <i>Langmuir</i> , 2012, 28, 17743-17748.	1.6	58
11	A new strategy improves assembly efficiency of DNA mono-modified gold nanoparticles. <i>Chemical Communications</i> , 2011, 47, 5774.	2.2	49
12	Self-Assembled DNA Hydrogels with Designable Thermal and Enzymatic Responsiveness. <i>Advanced Materials</i> , 2011, 23, 1117-1121.	11.1	363
13	DNA HYDROGELS: Self-Assembled DNA Hydrogels with Designable Thermal and Enzymatic Responsiveness (<i>Adv. Mater.</i> 9/2011). <i>Advanced Materials</i> , 2011, 23, 1116-1116.	11.1	1
14	A Responsive Hidden Toehold To Enable Controllable DNA Strand Displacement Reactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11934-11936.	7.2	94
15	A pH-Triggered, Fast-Responding DNA Hydrogel. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7660-7663.	7.2	420