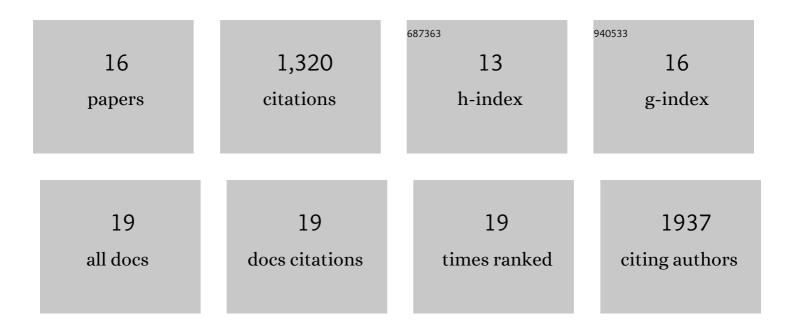
## Fan Hong

List of Publications by Year in descending order

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FAN HONG

#	Article	IF	CITATIONS
1	DNA Origami: Scaffolds for Creating Higher Order Structures. Chemical Reviews, 2017, 117, 12584-12640.	47.7	834
2	Target‧pecific 3D DNA Gatekeepers for Biomimetic Nanopores. Advanced Materials, 2015, 27, 2090-2095.	21.0	76
3	Layered-Crossover Tiles with Precisely Tunable Angles for 2D and 3D DNA Crystal Engineering. Journal of the American Chemical Society, 2018, 140, 14670-14676.	13.7	62
4	Precise and Programmable Detection of Mutations Using Ultraspecific Riboregulators. Cell, 2020, 180, 1018-1032.e16.	28.9	57
5	A highly sensitive and facile graphene oxide-based nucleic acid probe: Label-free detection of telomerase activity in cancer patient's urine using AlEgens. Biosensors and Bioelectronics, 2017, 89, 417-421.	10.1	53
6	Kinetics of RNA and RNA:DNA Hybrid Strand Displacement. ACS Synthetic Biology, 2021, 10, 3066-3073.	3.8	34
7	3D Framework DNA Origami with Layered Crossovers. Angewandte Chemie - International Edition, 2016, 55, 12832-12835.	13.8	31
8	An emergent understanding of strand displacement in RNA biology. Journal of Structural Biology, 2019, 207, 241-249.	2.8	29
9	Understanding DNA interactions in crowded environments with a coarse-grained model. Nucleic Acids Research, 2020, 48, 10726-10738.	14.5	24
10	Electrochemical biocomputing: a new class of molecular-electronic logic devices. Soft Matter, 2013, 9, 6571.	2.7	22
11	Understanding the Elementary Steps in DNA Tile-Based Self-Assembly. ACS Nano, 2017, 11, 9370-9381.	14.6	18
12	A localized DNA finite-state machine with temporal resolution. Science Advances, 2022, 8, eabm9530.	10.3	18
13	Speeding up the self-assembly of a DNA nanodevice using a variety of polar solvents. Nanoscale, 2014, 6, 14153-14157.	5.6	13
14	3D Framework DNA Origami with Layered Crossovers. Angewandte Chemie, 2016, 128, 13024-13027.	2.0	12
15	Nanoscale mazes. Nature Nanotechnology, 2017, 12, 189-190.	31.5	9
16	Regulating DNA Self-Assembly Dynamics with Controlled Nucleation. ACS Nano, 2021, 15, 5384-5396.	14.6	8