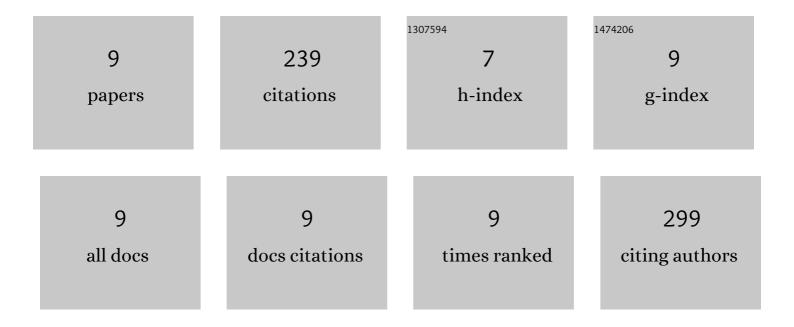
## Hongfei He

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9580503/publications.pdf Version: 2024-02-01



HONCEEL HE

#	Article	IF	CITATIONS
1	Self-Replicating Catalyzed Hairpin Assembly for Rapid Signal Amplification. Analytical Chemistry, 2017, 89, 11971-11975.	6.5	68
2	Target-catalyzed autonomous assembly of dendrimer-like DNA nanostructures for enzyme-free and signal amplified colorimetric nucleic acids detection. Biosensors and Bioelectronics, 2016, 86, 985-989.	10.1	51
3	Unusual sequence length-dependent gold nanoparticles aggregation of the ssDNA sticky end and its application for enzyme-free and signal amplified colorimetric DNA detection. Scientific Reports, 2016, 6, 30878.	3.3	31
4	Self-assembly of DNA nanoparticles through multiple catalyzed hairpin assembly for enzyme-free nucleic acid amplified detection. Talanta, 2018, 179, 641-645.	5.5	28
5	Self-Replication-Assisted Rapid Preparation of DNA Nanowires at Room Temperature and Its Biosensing Application. Analytical Chemistry, 2019, 91, 3043-3047.	6.5	23
6	Nucleotide base analog pyrrolo-deoxycytidine as fluorescent probe signal for enzyme-free and signal amplified nucleic acids detection. Talanta, 2017, 164, 34-38.	5.5	15
7	Rapid DNA detection based on self-replicating catalyzed hairpin assembly using nucleotide base analog pyrrolo-deoxycytidine as fluorophore. Talanta, 2018, 181, 142-146.	5.5	13
8	Selenium atom on phosphate enhances specificity and sensitivity of DNA polymerization and detection. Journal of Materials Chemistry B, 2021, 9, 5636-5644.	5.8	5
9	Signal Extraction, Transformation, and Magnification for Ultrasensitive and Specific Detection of Nucleic Acids. Analytical Chemistry, 2021, 93, 10611-10618.	6.5	5