

Zhi Weng

List of Publications by Year in descending order

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6
papers

224
citations

1684188

5
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

304
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooperative Branch Migration: A Mechanism for Flexible Control of DNA Strand Displacement. ACS Nano, 2022, 16, 3135-3144.	14.6	16
2	Specific and robust hybridization based on double-stranded nucleic acids with single-base resolution. Analytica Chimica Acta, 2022, 1199, 339568.	5.4	1
3	An integrated fluorescence biosensor for microRNA detection based on exponential amplification reaction-triggered three-dimensional bipedal DNA walkers. Analytica Chimica Acta, 2021, 1143, 157-165.	5.4	28
4	Ultrasensitive electrochemical biosensor for attomolar level detection of let 7a based on toehold mediated strand displacement reaction circuits and molecular beacon mediated circular strand displacement polymerization. Analytica Chimica Acta, 2021, 1147, 108-115.	5.4	16
5	DNAzyme based three-way junction assay for antibody-free detection of locus-specific N6-methyladenosine modifications. Biosensors and Bioelectronics, 2021, 194, 113625.	10.1	20
6	Phage-Guided Targeting, Discriminative Imaging, and Synergistic Killing of Bacteria by AIE Bioconjugates. Journal of the American Chemical Society, 2020, 142, 3959-3969.	13.7	143