

Xiaolong Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1848604/publications.pdf>

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7
papers

675
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

769
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzyme-Powered Three-Dimensional DNA Nanomachine for DNA Walking, Payload Release, and Biosensing. <i>ACS Nano</i> , 2016, 10, 2324-2330.	14.6	315
2	Regulation of DNA Strand Displacement Using an Allosteric DNA Toehold. <i>Journal of the American Chemical Society</i> , 2016, 138, 14076-14082.	13.7	97
3	Universal Strategy To Engineer Catalytic DNA Hairpin Assemblies for Protein Analysis. <i>Analytical Chemistry</i> , 2015, 87, 8063-8066.	6.5	87
4	Simulation-guided engineering of an enzyme-powered three dimensional DNA nanomachine for discriminating single nucleotide variants. <i>Chemical Science</i> , 2018, 9, 6434-6439.	7.4	80
5	Constructing real-time, wash-free, and reiterative sensors for cell surface proteins using binding-induced dynamic DNA assembly. <i>Chemical Science</i> , 2015, 6, 5729-5733.	7.4	52
6	Emerging techniques for ultrasensitive protein analysis. <i>Analyst</i> , The, 2016, 141, 3473-3481.	3.5	29
7	Fluorescent Droplet Cytometry for On-Cell Phenotype Tracking. <i>Journal of the American Chemical Society</i> , 2020, 142, 14805-14809.	13.7	15