

Yibin Liu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

402
citations

9
h-index

16
g-index

16
ext. papers

595
ext. citations

15.3
avg, IF

3.8
L-index

#	Paper	IF	Citations
16	Bisulfite-free direct detection of 5-methylcytosine and 5-hydroxymethylcytosine at base resolution. <i>Nature Biotechnology</i> , 2019 , 37, 424-429	44.5	135
15	Mapping the epigenetic modifications of DNA and RNA. <i>Protein and Cell</i> , 2020 , 11, 792-808	7.2	55
14	Elimination of unaltered DNA in mixed clinical samples via nuclease-assisted minor-allele enrichment. <i>Nucleic Acids Research</i> , 2016 , 44, e146	20.1	44
13	Construction of antibody-like nanoparticles for selective protein sequestration in living cells. <i>Nanoscale</i> , 2015 , 7, 7162-7	7.7	37
12	Accurate targeted long-read DNA methylation and hydroxymethylation sequencing with TAPS. <i>Genome Biology</i> , 2020 , 21, 54	18.3	31
11	A specific DNA-nanoprobe for tracking the activities of human apurinic/apyrimidinic endonuclease 1 in living cells. <i>Nucleic Acids Research</i> , 2017 , 45, e45	20.1	29
10	Enhancing the selectivity of enzyme detection by using tailor-made nanoparticles. <i>Analytical Chemistry</i> , 2013 , 85, 4853-7	7.8	28
9	Methylation-sensitive enrichment of minor DNA alleles using a double-strand DNA-specific nuclease. <i>Nucleic Acids Research</i> , 2017 , 45, e39	20.1	17
8	Subtraction-free and bisulfite-free specific sequencing of 5-methylcytosine and its oxidized derivatives at base resolution. <i>Nature Communications</i> , 2021 , 12, 618	17.4	13
7	Surface imprinted superparamagnetic nanoparticles for rapid and efficient extraction of bisphenol A from water samples. <i>Journal of the Chinese Advanced Materials Society</i> , 2013 , 1, 166-176		4
6	Endonuclease enrichment TAPS for cost-effective genome-wide base-resolution DNA methylation detection. <i>Nucleic Acids Research</i> , 2021 , 49, e76	20.1	3
5	Magnetic surface imprinted hydrogel nanoparticles for specific and reversible stabilization of proteins. <i>Molecular Imprinting</i> , 2015 , 3,		2
4	On-line monitoring of the dopamine-based molecular imprinting processes for protein templates with the assistance of a fluorescent indicator.. <i>Mikrochimica Acta</i> , 2022 , 189, 138	5.8	2
3	Bisulfite-free, Base-resolution, and Quantitative Sequencing of Cytosine Modifications		1
2	Cell-free DNA TAPS provides multimodal information for early cancer detection. <i>Science Advances</i> , 2021 , 7, eabh0534	14.3	1
1	Molecularly Imprinted Polymers as Tools for Bioassays and Biotransformation. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2015 , 150, 207-26	1.7	