Zi-Yue Wang

List of Publications by Year
in descending order

10	277	1162367 8	1281420 11
papers	citations	h-index	g-index

11	11	11	353
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single quantum dot-based nanosensor for sensitive detection of 5-methylcytosine at both CpG and non-CpG sites. Chemical Science, 2018, 9, 1330-1338.	3.7	68
2	Multiplex detection of histone-modifying enzymes by total internal reflection fluorescence-based single-molecule detection. Chemical Communications, 2016, 52, 1218-1221.	2.2	50
3	Biosensors for epigenetic biomarkers detection: A review. Biosensors and Bioelectronics, 2019, 144, 111695.	5.3	28
4	Construction of a Universal and Label-Free Chemiluminescent Sensor for Accurate Quantification of Both Bacteria and Human Methyltransferases. Analytical Chemistry, 2020, 92, 13573-13580.	3.2	27
5	A copper-free and enzyme-free click chemistry-mediated single quantum dot nanosensor for accurate detection of microRNAs in cancer cells and tissues. Chemical Science, 2021, 12, 10426-10435.	3.7	27
6	Cyclic enzymatic repairing-mediated dual-signal amplification for real-time monitoring of thymine DNA glycosylase. Chemical Communications, 2017, 53, 3878-3881.	2.2	25
7	Sensitive and label-free discrimination of 5-hydroxymethylcytosine and 5-methylcytosine in DNA by ligation-mediated rolling circle amplification. Chemical Communications, 2018, 54, 8602-8605.	2.2	24
8	Primer dephosphorylation-initiated circular exponential amplification for ultrasensitive detection of alkaline phosphatase. Analyst, The, 2018, 143, 4606-4613.	1.7	17
9	Integration of a peptideâ€“DNA conjugate with multiple cyclic signal amplification for the ultrasensitive detection of cathepsin B activity. Chemical Communications, 2020, 56, 2119-2122.	2.2	4
10	High throughput and very specific screening of anabolic-androgenic steroid adulterants in healthy foods based on stable isotope labelling and flow injection analysis-tandem mass spectrometry with simultaneous monitoring proton adduct ions and chloride adduct ions. Journal of Chromatography A, 2022, 1667, 462891.	1.8	4