Gang Yi

List of Publications by Year
in descending order

10	231	1307594 7	1372567 10
papers	citations	h-index	g-index

10	10	10	403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The fluorescence amplification strategy based on 3D DNA walker and CRISPR/Cas12a for the rapid detection of BRAF V600E. Analytical Sciences, 2022, 38, 1057-1066.	1.6	2
2	Polymerase/Nicking Enzyme Powered Dual-template Multi-cycle G-Triplex Machine for HIV-1 Determination. Analytical Sciences, 2021, 37, 1087-1093.	1.6	4
3	Two-layer three-dimensional DNA walker with highly integrated entropy-driven and enzyme-powered reactions for HIV detection. Biosensors and Bioelectronics, 2019, 133, 243-249.	10.1	39
4	Symmetric exponential amplification reaction-based DNA nanomachine for the fluorescent detection of nucleic acids. RSC Advances, 2019, 9, 41305-41310.	3.6	4
5	An electrochemical biosensor for microRNA-196a detection based on cyclic enzymatic signal amplification and template-free DNA extension reaction with the adsorption of methylene blue. Biosensors and Bioelectronics, 2018, 105, 103-108.	10.1	61
6	Target-induced aptamer displacement on gold nanoparticles and rolling circle amplification for ultrasensitive live Salmonella typhimurium electrochemical biosensing. Journal of Electroanalytical Chemistry, 2018, 826, 174-180.	3.8	32
7	Ultrasensitive electrochemical biosensor for specific detection of DNA based on molecular beacon mediated circular strand displacement polymerization and hyperbranched rolling circle amplification. Analytica Chimica Acta, 2016, 934, 52-58.	5.4	43
8	Electrochemical Aptasensor for Rapid and Sensitive Determination ofSalmonellaBased on Target-Induced Strand Displacement and Gold Nanoparticle Amplification. Analytical Letters, 2016, 49, 2405-2417.	1.8	16
9	A simple and ultrasensitive electrochemical biosensor for detection of microRNA based on hybridization chain reaction amplification. Journal of Electroanalytical Chemistry, 2015, 758, 20-25.	3.8	21
10	A Hairpin Electrochemical Aptasensor for Sensitive and Specific Detection of Thrombin Based on Homogenous Target Recognition. Electroanalysis, 2013, 25, 1223-1229.	2.9	9