

# Chunmei Gu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Portable Detection of Melamine in Milk Using a Personal Glucose Meter Based on an <i>in Vitro</i> Selected Structure-Switching Aptamer. <i>Analytical Chemistry</i> , 2015, 87, 7676-7682.	3.2	130
2	Evanescent wave aptasensor for continuous and online aminoglycoside antibiotics detection based on target binding facilitated fluorescence quenching. <i>Biosensors and Bioelectronics</i> , 2018, 102, 646-651.	5.3	65
3	Orthogonal Activation of RNA-Cleaving DNazymes in Live Cells by Reactive Oxygen Species. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14167-14172.	7.2	65
4	Quantum Dot/Carrier-Protein/Haptens Conjugate as a Detection Nanobioprobe for FRET-Based Immunoassay of Small Analytes with All-Fiber Microfluidic Biosensing Platform. <i>Analytical Chemistry</i> , 2012, 84, 3646-3653.	3.2	47
5	Label-free fluorescence detection of melamine with a truncated aptamer. <i>Analyst, The</i> , 2016, 141, 4511-4517.	1.7	40
6	Reusable split-aptamer-based biosensor for rapid detection of cocaine in serum by using an all-fiber evanescent wave optical biosensing platform. <i>Analytica Chimica Acta</i> , 2016, 933, 182-188.	2.6	39
7	Portable detection of ochratoxin A in red wine based on a structure-switching aptamer using a personal glucometer. <i>RSC Advances</i> , 2016, 6, 29563-29569.	1.7	23
8	Enhancing Catalytic Activity of Uranyl-Dependent DNzyme by Flexible Linker Insertion for More Sensitive Detection of Uranyl Ion. <i>Analytical Chemistry</i> , 2019, 91, 6608-6615.	3.2	21
9	Aptamer-based detection of melamine in milk using an evanescent wave fiber sensor. <i>Analytical Methods</i> , 2018, 10, 4871-4878.	1.3	17
10	Orthogonal Activation of RNA-Cleaving DNazymes in Live Cells by Reactive Oxygen Species. <i>Angewandte Chemie</i> , 2019, 131, 14305-14310.	1.6	17
11	Aptameric detection of quinine in reclaimed wastewater using a personal glucose meter. <i>Analytical Methods</i> , 2018, 10, 2931-2938.	1.3	13
12	Chemical synthesis of stimuli-responsive guide RNA for conditional control of CRISPR-Cas9 gene editing. <i>Chemical Science</i> , 2021, 12, 9934-9945.	3.7	13
13	Wavelength-Selective Activation of Photocaged DNazymes for Metal Ion Sensing in Live Cells. <i>ACS Omega</i> , 2021, 6, 13153-13160.	1.6	9
14	Kinetic analysis of a high-affinity antibody/antigen interaction performed by planar waveguide fluorescence immunosensor. <i>RSC Advances</i> , 2016, 6, 13837-13845.	1.7	8
15	Recent Progress in Optical Biosensors for Environmental Applications. , 0, , .		5