

Chunmei Gu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

512
citations

840119

11
h-index

1058022

14
g-index

15
all docs

15
docs citations

15
times ranked

776
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Wavelength-Selective Activation of Photocaged DNAzymes for Metal Ion Sensing in Live Cells. <i>ACS Omega</i> , 2021, 6, 13153-13160.	1.6	9
3	Orthogonal Activation of RNA-Cleaving DNAzymes in Live Cells by Reactive Oxygen Species. <i>Angewandte Chemie</i> , 2019, 131, 14305-14310.	1.6	17
4	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
5	Enhancing Catalytic Activity of Uranyl-Dependent DNAzyme by Flexible Linker Insertion for More Sensitive Detection of Uranyl Ion. <i>Analytical Chemistry</i> , 2019, 91, 6608-6615.	3.2	21
6	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
7	Aptamer-based detection of melamine in milk using an evanescent wave fiber sensor. <i>Analytical Methods</i> , 2018, 10, 4871-4878.	1.3	17
8	Aptameric detection of quinine in reclaimed wastewater using a personal glucose meter. <i>Analytical Methods</i> , 2018, 10, 2931-2938.	1.3	13
9	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
10	Label-free fluorescence detection of melamine with a truncated aptamer. <i>Analyst</i> , The, 2016, 141, 4511-4517.	1.7	40
11	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
12	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
13	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
14	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
15	Recent Progress in Optical Biosensors for Environmental Applications. , 0, , .		5