

Hyoyoung Mun

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

798
citations

687363

13
h-index

996975

15
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15
all docs

15
docs citations

15
times ranked

1254
citing authors

#	ARTICLE	IF	CITATIONS
1	An aptamer-based dipstick assay for the rapid and simple detection of aflatoxin B1. <i>Biosensors and Bioelectronics</i> , 2014, 62, 288-294.	10.1	182
2	A regeneratable, label-free, localized surface plasmon resonance (LSPR) aptasensor for the detection of ochratoxin A. <i>Biosensors and Bioelectronics</i> , 2014, 59, 321-327.	10.1	127
3	Detection of ochratoxin A (OTA) in coffee using chemiluminescence resonance energy transfer (CRET) aptasensor. <i>Food Chemistry</i> , 2016, 194, 1102-1107.	8.2	99
4	Homogeneous Immunosensor Based on Luminescence Resonance Energy Transfer for Glycated Hemoglobin Detection Using Upconversion Nanoparticles. <i>Analytical Chemistry</i> , 2016, 88, 2742-2746.	6.5	61
5	A colorimetric Loop-mediated isothermal amplification (LAMP) assay based on HRP-mimicking molecular beacon for the rapid detection of <i>Vibrio parahaemolyticus</i> . <i>Biosensors and Bioelectronics</i> , 2020, 151, 111968.	10.1	50
6	Homogeneous assay of target molecules based on chemiluminescence resonance energy transfer (CRET) using DNAzyme-linked aptamers. <i>Biosensors and Bioelectronics</i> , 2014, 58, 308-313.	10.1	44
7	Quantitative analysis of lard in animal fat mixture using visible Raman spectroscopy. <i>Food Chemistry</i> , 2018, 254, 109-114.	8.2	42
8	Adenosine Triphosphate Bioluminescence-Based Bacteria Detection Using Targeted Photothermal Lysis by Gold Nanorods. <i>Analytical Chemistry</i> , 2018, 90, 10171-10178.	6.5	41
9	Homogeneous and selective detection of cadmium ions by forming fluorescent cadmium-protein nanoclusters. <i>Chemosphere</i> , 2017, 174, 524-530.	8.2	33
10	Colorimetric Detection of Norovirus in Oyster Samples through DNAzyme as a Signaling Probe. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3003-3008.	5.2	28
11	Ultrasensitive colorimetric detection of <i>Salmonella enterica</i> Typhimurium on lettuce leaves by HRPzyme-Integrated polymerase chain reaction. <i>Food Control</i> , 2018, 84, 522-528.	5.5	27
12	Colorimetric detection of PCR products of DNA from pathogenic bacterial targets based on a simultaneously amplified DNAzyme. <i>Mikrochimica Acta</i> , 2014, 181, 1965-1971.	5.0	25
13	Ultrasensitive Detection of <i>Escherichia coli</i> O157:H7 by Immunomagnetic Separation and Selective Filtration with Nitroblue Tetrazolium/5-Bromo-4-chloro-3-indolyl Phosphate Signal Amplification. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4941-4947.	5.2	24
14	Colorimetric molecular diagnosis of the HIV gag gene using DNAzyme and a complementary DNA-extended primer. <i>Analyst</i> , 2018, 143, 695-699.	3.5	12
15	Aptamer-based selective KB cell killing by the photothermal effect of gold nanorods. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	3