Cuiping

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/235097/publications.pdf

Version: 2024-02-01

		471509	434195
39	1,026	17	31
papers	citations	h-index	g-index

39	39	39	1339
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-tube analysis for ultra-fast and visual detection of Salmonella. Analytical and Bioanalytical Chemistry, 2022, 414, 2333-2341.	3.7	5
2	An ultra-fast, one-step RNA amplification method for the detection of Salmonella in seafood. Analytical Methods, 2022, 14, 1111-1116.	2.7	3
3	An all-in-one nucleic acid enrichment and isothermal amplification platform for rapid detection of Listeria monocytogenes. Food Control, 2022, 139, 109096.	5.5	5
4	An ultrafast ratiometric electrochemical biosensor based on potential-assisted hybridization for nucleic acids detection. Analytica Chimica Acta, 2022, 1211, 339915.	5.4	9
5	Detection of Epsteinâ€“Barr virus by a rapid and simple accelerated denaturation bubble-mediated strand exchange amplification method. Analytical Methods, 2021, 13, 2519-2526.	2.7	2
6	A novel ICT-based chemosensor for F- and its application in real samples and bioimaging. Journal of Hazardous Materials, 2021, 413, 125384.	12.4	10
7	A simple methodology for RNA isolation from bacteria by integration of formamide extraction and chitosan-modified silica purification. Analytical and Bioanalytical Chemistry, 2021, 413, 6469-6477.	3.7	5
8	Nano-evolution and protein-based enzymatic evolution predicts novel types of natural product nanozymes of traditional Chinese medicine: cases of herbzymes of Taishan-Huangjing (Rhizoma) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0	0
9	Ratiometric Electrochemical Biosensor for the Sensitive Determination of DNA by a Hairpin DNA Probe. Analytical Letters, 2021, 54, 2473-2483.	1.8	4
10	A carbon dot-based Co-nanozyme with alkaline phosphatase â€“ mechanism and application. RSC Advances, 2021, 11, 33253-33259.	3.6	4
11	Ultrasensitive electrochemical DNA biosensor based on a tetrahedral structure and proximity-dependent surface hybridization. Analyst, The, 2020, 145, 150-156.	3.5	16
12	An ultrasensitive electrochemical DNA sensing strategy free from pre-immobilization via G-quadruplex based homogenous proximity hybridization. Talanta, 2020, 210, 120628.	5.5	5
13	Integrated silica membraneâ€“based nucleic acid purification, amplification, and visualization platform for low-cost, rapid detection of foodborne pathogens. Analytical and Bioanalytical Chemistry, 2020, 412, 6927-6938.	3.7	25
14	A visual onâ€site method for African swine fever virus detection in raw pig tissues. Journal of Food Safety, 2020, 40, e12848.	2.3	0
15	Accelerated denaturation bubble-mediated strand exchange amplification for rapid and accurate detection of canine parvovirus. Analytical Methods, 2020, 12, 5514-5522.	2.7	6
16	Development of a direct and visual isothermal method for meat adulteration detection in low resource settings. Food Chemistry, 2020, 319, 126542.	8.2	7
17	Rapid DNA detection and one-step RNA detection catalyzed by Bst DNA polymerase and narrow-thermal-cycling. Analyst, The, 2020, 145, 5118-5122.	3.5	12
18	Highly sensitive visual detection of nucleic acid based on a universal strand exchange amplification coupled with lateral flow assay strip. Talanta, 2020, 216, 120978.	5.5	19

#	ARTICLE	IF	CITATIONS
19	Lab in a Pasteur pipette: low-cost, rapid and visual detection of Bacillus cereu using denaturation bubble-mediated strand exchange amplification. Analytica Chimica Acta, 2019, 1080, 162-169.	5.4	22
20	A simple isothermal nucleic acid amplification method for the effective on-site identification for adulteration of pork source in mutton. Food Control, 2019, 98, 297-302.	5.5	41
21	An ultrafast one-step assay for the visual detection of RNA virus. Chemical Communications, 2018, 54, 3118-3121.	4.1	9
22	Rapid detection of foodborne pathogen Listeria monocytogenes by strand exchange amplification. Analytical Biochemistry, 2018, 545, 38-42.	2.4	39
23	Accelerated isothermal nucleic acid amplification in betaine-free reaction. Analytical Biochemistry, 2017, 530, 1-4.	2.4	20
24	A novel method to control carryover contamination in isothermal nucleic acid amplification. Chemical Communications, 2017, 53, 10696-10699.	4.1	37
25	DNA Self-assembly Catalyzed by Artificial Agents. Scientific Reports, 2017, 7, 6818.	3.3	6
26	Rapid and enzyme-free nucleic acid detection based on exponential hairpin assembly in complex biological fluids. Analyst, The, 2016, 141, 2883-2886.	3.5	5
27	The isothermal amplification detection of double-stranded DNA based on a double-stranded fluorescence probe. Biosensors and Bioelectronics, 2016, 80, 54-58.	10.1	9
28	Isothermal amplification detection of nucleic acids by a double-nicked beacon. Analytical Biochemistry, 2016, 496, 9-13.	2.4	4
29	Nicking endonuclease-mediated isothermal exponential amplification for double-stranded DNA detection. Sensors and Actuators B: Chemical, 2016, 222, 221-225.	7.8	21
30	Three-dimensional DNA nanostructures for colorimetric assay of nucleic acids. Journal of Materials Chemistry B, 2015, 3, 2853-2857.	5.8	33
31	Innate Reverse Transcriptase Activity of DNA Polymerase for Isothermal RNA Direct Detection. Journal of the American Chemical Society, 2015, 137, 13804-13806.	13.7	81
32	Ultrasensitive detection of microRNAs based on hairpin fluorescence probe assisted isothermal amplification. Biosensors and Bioelectronics, 2014, 58, 57-60.	10.1	26
33	Exponential Strand-Displacement Amplification for Detection of MicroRNAs. Analytical Chemistry, 2014, 86, 336-339.	6.5	160
34	A simple colorimetric DNA detection by target-induced hybridization chain reaction for isothermal signal amplification. Analytical Biochemistry, 2014, 457, 19-23.	2.4	62
35	Aptameric Molecular Switch for Cascade Signal Amplification. Clinical Chemistry, 2012, 58, 384-390.	3.2	21
36	Highly sensitive chemiluminescent point mutation detection by circular strand-displacement amplification reaction. Biosensors and Bioelectronics, 2011, 26, 4697-4701.	10.1	26

#	Article	IF	Citations
37	Cocaine detection via rolling circle amplification of short DNA strand separated by magnetic beads. Biosensors and Bioelectronics, 2011, 26, 3309-3312.	10.1	99
38	An aptamer-based fluorescent biosensor for potassium ion detection using a pyrene-labeled molecular beacon. Analytical Biochemistry, 2010, 400, 99-102.	2.4	71
39	Molecular Cloning and Characterization of a Novel Î²-Agarase, AgaB, from Marine Pseudoalteromonas sp. CY24. Journal of Biological Chemistry, 2007, 282, 3747-3754.	3.4	84