

Cuiping

List of Publications by Year in descending order

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39
papers

1,026
citations

471509

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docs citations

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times ranked

1339
citing authors

#	ARTICLE	IF	CITATIONS
1	Exponential Strand-Displacement Amplification for Detection of MicroRNAs. <i>Analytical Chemistry</i> , 2014, 86, 336-339.	6.5	160
2	Cocaine detection via rolling circle amplification of short DNA strand separated by magnetic beads. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3309-3312.	10.1	99
3	Molecular Cloning and Characterization of a Novel \hat{I}^2 -Agarase, AgaB, from Marine <i>Pseudoalteromonas</i> sp. CY24. <i>Journal of Biological Chemistry</i> , 2007, 282, 3747-3754.	3.4	84
4	Innate Reverse Transcriptase Activity of DNA Polymerase for Isothermal RNA Direct Detection. <i>Journal of the American Chemical Society</i> , 2015, 137, 13804-13806.	13.7	81
5	An aptamer-based fluorescent biosensor for potassium ion detection using a pyrene-labeled molecular beacon. <i>Analytical Biochemistry</i> , 2010, 400, 99-102.	2.4	71
6	A simple colorimetric DNA detection by target-induced hybridization chain reaction for isothermal signal amplification. <i>Analytical Biochemistry</i> , 2014, 457, 19-23.	2.4	62
7	A simple isothermal nucleic acid amplification method for the effective on-site identification for adulteration of pork source in mutton. <i>Food Control</i> , 2019, 98, 297-302.	5.5	41
8	Rapid detection of foodborne pathogen <i>Listeria monocytogenes</i> by strand exchange amplification. <i>Analytical Biochemistry</i> , 2018, 545, 38-42.	2.4	39
9	A novel method to control carryover contamination in isothermal nucleic acid amplification. <i>Chemical Communications</i> , 2017, 53, 10696-10699.	4.1	37
10	Three-dimensional DNA nanostructures for colorimetric assay of nucleic acids. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2853-2857.	5.8	33
11	Highly sensitive chemiluminescent point mutation detection by circular strand-displacement amplification reaction. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4697-4701.	10.1	26
12	Ultrasensitive detection of microRNAs based on hairpin fluorescence probe assisted isothermal amplification. <i>Biosensors and Bioelectronics</i> , 2014, 58, 57-60.	10.1	26
13	Integrated silica membrane-based nucleic acid purification, amplification, and visualization platform for low-cost, rapid detection of foodborne pathogens. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6927-6938.	3.7	25
14	Lab in a Pasteur pipette: low-cost, rapid and visual detection of <i>Bacillus cereu</i> using denaturation bubble-mediated strand exchange amplification. <i>Analytica Chimica Acta</i> , 2019, 1080, 162-169.	5.4	22
15	Aptameric Molecular Switch for Cascade Signal Amplification. <i>Clinical Chemistry</i> , 2012, 58, 384-390.	3.2	21
16	Nicking endonuclease-mediated isothermal exponential amplification for double-stranded DNA detection. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 221-225.	7.8	21
17	Accelerated isothermal nucleic acid amplification in betaine-free reaction. <i>Analytical Biochemistry</i> , 2017, 530, 1-4.	2.4	20
18	Highly sensitive visual detection of nucleic acid based on a universal strand exchange amplification coupled with lateral flow assay strip. <i>Talanta</i> , 2020, 216, 120978.	5.5	19

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19	Ultrasensitive electrochemical DNA biosensor based on a tetrahedral structure and proximity-dependent surface hybridization. <i>Analyst</i> , The, 2020, 145, 150-156.	3.5	16
20	Nano-evolution and protein-based enzymatic evolution predicts novel types of natural product nanozymes of traditional Chinese medicine: cases of herbzymes of Taishan-Huangjing (<i>Rhizoma</i>) Tj ETQq0 0 0 rgB /Overlook 10 Tf 5	3.5	16
21	Rapid DNA detection and one-step RNA detection catalyzed by Bst DNA polymerase and narrow-thermal-cycling. <i>Analyst</i> , The, 2020, 145, 5118-5122.	3.5	12
22	A novel ICT-based chemosensor for F- and its application in real samples and bioimaging. <i>Journal of Hazardous Materials</i> , 2021, 413, 125384.	12.4	10
23	The isothermal amplification detection of double-stranded DNA based on a double-stranded fluorescence probe. <i>Biosensors and Bioelectronics</i> , 2016, 80, 54-58.	10.1	9
24	An ultrafast one-step assay for the visual detection of RNA virus. <i>Chemical Communications</i> , 2018, 54, 3118-3121.	4.1	9
25	An ultrafast ratiometric electrochemical biosensor based on potential-assisted hybridization for nucleic acids detection. <i>Analytica Chimica Acta</i> , 2022, 1211, 339915.	5.4	9
26	Development of a direct and visual isothermal method for meat adulteration detection in low resource settings. <i>Food Chemistry</i> , 2020, 319, 126542.	8.2	7
27	DNA Self-assembly Catalyzed by Artificial Agents. <i>Scientific Reports</i> , 2017, 7, 6818.	3.3	6
28	Accelerated denaturation bubble-mediated strand exchange amplification for rapid and accurate detection of canine parvovirus. <i>Analytical Methods</i> , 2020, 12, 5514-5522.	2.7	6
29	Rapid and enzyme-free nucleic acid detection based on exponential hairpin assembly in complex biological fluids. <i>Analyst</i> , The, 2016, 141, 2883-2886.	3.5	5
30	An ultrasensitive electrochemical DNA sensing strategy free from pre-immobilization via G-quadruplex based homogenous proximity hybridization. <i>Talanta</i> , 2020, 210, 120628.	5.5	5
31	A simple methodology for RNA isolation from bacteria by integration of formamide extraction and chitosan-modified silica purification. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6469-6477.	3.7	5
32	Single-tube analysis for ultra-fast and visual detection of Salmonella. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 2333-2341.	3.7	5
33	An all-in-one nucleic acid enrichment and isothermal amplification platform for rapid detection of <i>Listeria monocytogenes</i> . <i>Food Control</i> , 2022, 139, 109096.	5.5	5
34	Isothermal amplification detection of nucleic acids by a double-nicked beacon. <i>Analytical Biochemistry</i> , 2016, 496, 9-13.	2.4	4
35	Ratiometric Electrochemical Biosensor for the Sensitive Determination of DNA by a Hairpin DNA Probe. <i>Analytical Letters</i> , 2021, 54, 2473-2483.	1.8	4
36	A carbon dot-based Co-nanozyme with alkaline phosphatase " mechanism and application. <i>RSC Advances</i> , 2021, 11, 33253-33259.	3.6	4

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37	An ultra-fast, one-step RNA amplification method for the detection of <i>Salmonella</i> in seafood. <i>Analytical Methods</i> , 2022, 14, 1111-1116.	2.7	3
38	Detection of Epstein-Barr virus by a rapid and simple accelerated denaturation bubble-mediated strand exchange amplification method. <i>Analytical Methods</i> , 2021, 13, 2519-2526.	2.7	2
39	A visual on-site method for African swine fever virus detection in raw pig tissues. <i>Journal of Food Safety</i> , 2020, 40, e12848.	2.3	0