

Yongqiang Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,628
citations

567281

15
h-index

434195

31
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32
all docs

32
docs citations

32
times ranked

1821
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasensitive Detection of microRNAs by Exponential Isothermal Amplification. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5498-5501.	13.8	452
2	Highly Sensitive Determination of microRNA Using Target-Primed and Branched Rolling Circle Amplification. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3268-3272.	13.8	385
3	Recent advances in microRNA detection. <i>Analyst, The</i> , 2018, 143, 1758-1774.	3.5	142
4	Simple and sensitive detection of microRNAs with ligase chain reaction. <i>Chemical Communications</i> , 2010, 46, 2432.	4.1	65
5	Homogeneous and Sensitive Detection of microRNA with Ligase Chain Reaction and Lambda Exonuclease-Assisted Cationic Conjugated Polymer Biosensing. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6181-6185.	8.0	61
6	Fluorescently Cationic Conjugated Polymer as an Indicator of Ligase Chain Reaction for Sensitive and Homogeneous Detection of Single Nucleotide Polymorphism. <i>Analytical Chemistry</i> , 2012, 84, 3739-3744.	6.5	49
7	Light-Excited Antibiotics for Potentiating Bacterial Killing via Reactive Oxygen Species Generation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16150-16158.	8.0	42
8	Conjugated Polymers Act Synergistically with Antibiotics to Combat Bacterial Drug Resistance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18512-18520.	8.0	40
9	A simple molecular beacon with duplex-specific nuclease amplification for detection of microRNA. <i>Analyst, The</i> , 2016, 141, 1071-1076.	3.5	38
10	Visual Detection of Multiplex MicroRNAs Using Cationic Conjugated Polymer Materials. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 1520-1526.	8.0	33
11	A facile one-step grafting of polyphosphonium onto halloysite nanotubes initiated by Ce(IV). <i>Chemical Communications</i> , 2019, 55, 1040-1043.	4.1	33
12	Ferric nanoparticle-based resonance light scattering determination of DNA at nanogram levels. <i>Talanta</i> , 2007, 71, 1757-1761.	5.5	21
13	Homogeneous and label-free fluorescence detection of single-nucleotide polymorphism using target-primed branched rolling circle amplification. <i>Analytical Biochemistry</i> , 2008, 378, 123-126.	2.4	19
14	Integration of the Ligase Chain Reaction with the CRISPR-Cas12a System for Homogeneous, Ultrasensitive, and Visual Detection of microRNA. <i>Analytical Chemistry</i> , 2022, 94, 4119-4125.	6.5	18
15	Multiplex detection of microRNAs by combining molecular beacon probes with T7 exonuclease-assisted cyclic amplification reaction. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 107-114.	3.7	14
16	Highly Sensitive Detection of Uracil-DNA Glycosylase Activity Based on Self-Initiating Multiple Rolling Circle Amplification. <i>ACS Omega</i> , 2019, 4, 3881-3886.	3.5	14
17	Homogeneous and label-free bioluminescence detection of single nucleotide polymorphism with rolling circle amplification. <i>Analyst, The</i> , 2008, 133, 750.	3.5	11
18	Ligase chain reaction coupled with rolling circle amplification for high sensitivity detection of single nucleotide polymorphisms. <i>Analyst, The</i> , 2013, 138, 2958.	3.5	11

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19	Sensitive quantification of messenger RNA with a real-time ligase chain reaction by using a ribonucleotide-modified DNA probe. <i>Chemical Communications</i> , 2014, 50, 13093-13095.	4.1	10
20	Integration of rolling circle amplification and cationic conjugated polymer for the homogeneous detection of single nucleotide polymorphisms. <i>Science Bulletin</i> , 2011, 56, 3247.	1.7	8
21	Integration of T7 exonuclease-triggered amplification and cationic conjugated polymer biosensing for highly sensitive detection of microRNA. <i>Talanta</i> , 2018, 190, 475-479.	5.5	7
22	Effect of Distance from Catalytic Synergy Group to Iron Porphyrin Center on Activity of G-Quadruplex/Hemin DNAzyme. <i>Molecules</i> , 2020, 25, 3425.	3.8	6
23	Enhancement of the polymerase chain reaction by tungsten disulfide. <i>RSC Advances</i> , 2019, 9, 9373-9378.	3.6	5
24	Conjugated Polymers/DNA Hybrid Materials for Protein Inactivation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22923-22929.	8.0	4
25	Integration of magnetic separation and real-time ligation chain reaction for detection of uracil-DNA glycosylase. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 255-261.	3.7	3
26	Polymyxin B-modified conjugated oligomer nanoparticle for targeted identification and enhanced photodynamic antimicrobial therapy. <i>Chemical Communications</i> , 2021, 57, 11244-11247.	4.1	3
27	Multifunctional Oligonucleotide-Functionalized Conjugated Oligomer Nanoparticles for Targeted Cancer Cell Imaging and Therapy. <i>ACS Applied Bio Materials</i> , 2019, 2, 1340-1347.	4.6	2
28	A novel fluorescent glycopolymer for endogenous hydrogen peroxide imaging in living cells in a fully aqueous environment. <i>Polymer Journal</i> , 2020, 52, 481-491.	2.7	1
29	Chemical oxidation-free site-specific 5-hydroxymethylcytosine assay. <i>Sensors and Actuators B: Chemical</i> , 2022, 353, 131161.	7.8	1
30	Sensitive detection of fusion transcripts with padlock probe-based continuous cascade amplification (P-CCA). <i>Analyst</i> , The, 2022, , .	3.5	1