

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A persistent luminescence resonance energy transfer-based molecular beacon probe for the highly sensitive detection of microRNA in biological samples. Biosensors and Bioelectronics, 2022, 198, 113849.	10.1	17
2	Dual cascade isothermal amplification reaction based glucometer sensors for point-of-care diagnostics of cancer-related microRNAs. Analyst, The, 2021, 146, 3242-3250.	3.5	15
3	Peptide nucleic acid-based electrochemical biosensor for simultaneous detection of multiple microRNAs from cancer cells with catalytic hairpin assembly amplification. Sensors and Actuators B: Chemical, 2020, 305, 127545.	7.8	64
4	A peptide nucleic acid–regulated fluorescence resonance energy transfer DNA assay based on the use of carbon dots and gold nanoparticles. Mikrochimica Acta, 2020, 187, 375.	5.0	14
5	A PNAâ€DNA ₂ Tripleâ€Helix Molecular Switchâ€Based Colorimetric Sensor for Sensitive and Specific Detection of microRNAs from Cancer Cells. ChemBioChem, 2020, 21, 2667-2675.	2.6	6
6	Colorimetric detection of single base-pair mismatches based on the interactions of PNA and PNA/DNA complexes with unmodified gold nanoparticles. Colloids and Surfaces B: Biointerfaces, 2019, 181, 333-340.	5.0	20
7	Highly sensitive and specific screening of EGFR mutation using a PNA microarray-based fluorometric assay based on rolling circle amplification and graphene oxide. RSC Advances, 2019, 9, 38298-38308.	3.6	8
8	Peptide Nucleic Acid-Assisted Label-free Detection of Single-Nucleotide Polymorphisms Based on Light Scattering of Carbon Nanotubes. ACS Omega, 2018, 3, 17835-17841.	3.5	11
9	Label-free colorimetric aptasensor for highly sensitive and selective detection of proteins by using PNA/DNA hybrids and a cyanine dye. Analytical Methods, 2018, 10, 3824-3829.	2.7	12
10	A Chiralâ€Nanoassembliesâ€Enabled Strategy for Simultaneously Profiling Surface Clycoprotein and MicroRNA in Living Cells. Advanced Materials, 2017, 29, 1703410.	21.0	119
11	Dual Quantification of MicroRNAs and Telomerase in Living Cells. Journal of the American Chemical Society, 2017, 139, 11752-11759.	13.7	262
12	Scissorâ€Like Chiral Metamolecules for Probing Intracellular Telomerase Activity. Advanced Functional Materials, 2016, 26, 7352-7358.	14.9	51
13	A self-assembled chiral-aptasensor for ATP activity detection. Nanoscale, 2016, 8, 15008-15015.	5.6	40
14	SERS-active silver nanoparticle trimers for sub-attomolar detection of alpha fetoprotein. RSC Advances, 2015, 5, 73395-73398.	3.6	33