Pan Fu

List of Publications by Citations

14 papers	499 citations	8 h-index	14 g-index
14 ext. papers	589 ext. citations	8.3 avg, IF	3.93 L-index

#	Paper	IF	Citations
14	Dual Quantification of MicroRNAs and Telomerase in Living Cells. *Journal of the American Chemical Society*, **2017**, 139, 11752-11759	16.4	209
13	A Chiral-Nanoassemblies-Enabled Strategy for Simultaneously Profiling Surface Glycoprotein and MicroRNA in Living Cells. *Advanced Materials*, **2017**, 29, 1703410	24	102
12	Scissor-Like Chiral Metamolecules for Probing Intracellular Telomerase Activity. *Advanced Functional Materials*, **2016**, 26, 7352-7358	15.6	41
11	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	8.5	35
10	A self-assembled chiral-aptasensor for ATP activity detection. *Nanoscale*, **2016**, 8, 15008-15	7.7	32
9	SERS-active silver nanoparticle trimers for sub-attomolar detection of alpha fetoprotein. *RSC Advances*, **2015**, 5, 73395-73398	3.7	26
8	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	6	16
7	Peptide Nucleic Acid-Assisted Label-free Detection of Single-Nucleotide Polymorphisms Based on Light Scattering of Carbon Nanotubes. *ACS Omega*, **2018**, 3, 17835-17841	3.9	8
6	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	3.2	7
5	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	5.8	7
4	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	3.7	6
3	Dual cascade isothermal amplification reaction based glucometer sensors for point-of-care diagnostics of cancer-related microRNAs. *Analyst, The*, **2021**, 146, 3242-3250	5	5
2	A persistent luminescence resonance energy transfer-based molecular beacon probe for the highly sensitive detection of microRNA in biological samples. *Biosensors and Bioelectronics*, **2021**, 198, 113849	11.8	3
1	A PNA-DNA Triple-Helix Molecular Switch-Based Colorimetric Sensor for Sensitive and Specific Detection of microRNAs from Cancer Cells. *ChemBioChem*, **2020**, 21, 2667-2675	3.8	2