

Pan Fu

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5477037/pan-fu-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	A persistent luminescence resonance energy transfer-based molecular beacon probe for the highly sensitive detection of microRNA in biological samples. <i>Biosensors and Bioelectronics</i> , 2021 , 198, 113849	11.8	3
13	Dual cascade isothermal amplification reaction based glucometer sensors for point-of-care diagnostics of cancer-related microRNAs. <i>Analyst, The</i> , 2021 , 146, 3242-3250	5	5
12	A PNA-DNA Triple-Helix Molecular Switch-Based Colorimetric Sensor for Sensitive and Specific Detection of microRNAs from Cancer Cells. <i>ChemBioChem</i> , 2020 , 21, 2667-2675	3.8	2
11	Peptide nucleic acid-based electrochemical biosensor for simultaneous detection of multiple microRNAs from cancer cells with catalytic hairpin assembly amplification. <i>Sensors and Actuators B: Chemical</i> , 2020 , 305, 127545	8.5	35
10	A peptide nucleic acid-regulated fluorescence resonance energy transfer DNA assay based on the use of carbon dots and gold nanoparticles. <i>Mikrochimica Acta</i> , 2020 , 187, 375	5.8	7
9	Colorimetric detection of single base-pair mismatches based on the interactions of PNA and PNA/DNA complexes with unmodified gold nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 181, 333-340	6	16
8	Highly sensitive and specific screening of EGFR mutation using a PNA microarray-based fluorometric assay based on rolling circle amplification and graphene oxide.. <i>RSC Advances</i> , 2019 , 9, 38298-38308	3.7	6
7	Label-free colorimetric aptasensor for highly sensitive and selective detection of proteins by using PNA/DNA hybrids and a cyanine dye. <i>Analytical Methods</i> , 2018 , 10, 3824-3829	3.2	7
6	Peptide Nucleic Acid-Assisted Label-free Detection of Single-Nucleotide Polymorphisms Based on Light Scattering of Carbon Nanotubes. <i>ACS Omega</i> , 2018 , 3, 17835-17841	3.9	8
5	A Chiral-Nanoassemblies-Enabled Strategy for Simultaneously Profiling Surface Glycoprotein and MicroRNA in Living Cells. <i>Advanced Materials</i> , 2017 , 29, 1703410	24	102
4	Dual Quantification of MicroRNAs and Telomerase in Living Cells. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11752-11759	16.4	209
3	Scissor-Like Chiral Metamolecules for Probing Intracellular Telomerase Activity. <i>Advanced Functional Materials</i> , 2016 , 26, 7352-7358	15.6	41
2	A self-assembled chiral-aptasensor for ATP activity detection. <i>Nanoscale</i> , 2016 , 8, 15008-15	7.7	32
1	SERS-active silver nanoparticle trimers for sub-attomolar detection of alpha fetoprotein. <i>RSC Advances</i> , 2015 , 5, 73395-73398	3.7	26