

Baoyin Yuan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Imaging specific cell-surface sialylation using DNA dendrimer-assisted FRET. <i>Talanta</i> , 2022, 243, 123399.	2.9	4
2	Evolution of DNA aptamers against esophageal squamous cell carcinoma using cell-SELEX. <i>Analyst, The</i> , 2021, 146, 4180-4187.	1.7	7
3	Cloperastine inhibits esophageal squamous cell carcinoma proliferation in vivo and in vitro by suppressing mitochondrial oxidative phosphorylation. <i>Cell Death Discovery</i> , 2021, 7, 166.	2.0	10
4	DNA polymerase β deficiency promotes the occurrence of esophageal precancerous lesions in mice. <i>Neoplasia</i> , 2021, 23, 663-675.	2.3	5
5	Intramolecular trigger remodeling-induced HCR for amplified detection of protein-specific glycosylation. <i>Talanta</i> , 2020, 215, 120889.	2.9	8
6	Highly sensitive and specific detection of tumor cells based on a split aptamer-triggered dual hybridization chain reaction. <i>Analyst, The</i> , 2020, 145, 2676-2681.	1.7	14
7	Enhanced visualization of cell surface glycans via a hybridization chain reaction. <i>Chemical Communications</i> , 2019, 55, 6114-6117.	2.2	15
8	Enhanced Imaging of Specific Cell-Surface Glycosylation Based on Multi-FRET. <i>Analytical Chemistry</i> , 2018, 90, 6131-6137.	3.2	41
9	Metastatic cancer cell and tissue-specific fluorescence imaging using a new DNA aptamer developed by Cell-SELEX. <i>Talanta</i> , 2017, 170, 56-62.	2.9	41
10	Dumbbell DNA-templated CuNPs as a nano-fluorescent probe for detection of enzymes involved in ligase-mediated DNA repair. <i>Biosensors and Bioelectronics</i> , 2017, 94, 456-463.	5.3	40
11	High Signal-to-Background Ratio Detection of Cancer Cells with Activatable Strategy Based on Target-Induced Self-Assembly of Split Aptamers. <i>Analytical Chemistry</i> , 2017, 89, 9347-9353.	3.2	28
12	A signal-on split aptasensor for highly sensitive and specific detection of tumor cells based on FRET. <i>Chemical Communications</i> , 2016, 52, 1590-1593.	2.2	45
13	A fluorescent aptasensor for sensitive detection of human hepatocellular carcinoma SMMC-7721 cells based on graphene oxide. <i>Analytical Methods</i> , 2014, 6, 6809-6814.	1.3	26