Baoyin Yuan

List of Publications by Year
in descending order

13	284	1162367 8	1125271 13
papers	citations	h-index	g-index

13	13	13	424
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A signal-on split aptasensor for highly sensitive and specific detection of tumor cells based on FRET. Chemical Communications, 2016, 52, 1590-1593.	2.2	45
2	Metastatic cancer cell and tissue-specific fluorescence imaging using a new DNA aptamer developed by Cell-SELEX. Talanta, 2017, 170, 56-62.	2.9	41
3	Enhanced Imaging of Specific Cell-Surface Glycosylation Based on Multi-FRET. Analytical Chemistry, 2018, 90, 6131-6137.	3.2	41
4	Dumbbell DNA-templated CuNPs as a nano-fluorescent probe for detection of enzymes involved in ligase-mediated DNA repair. Biosensors and Bioelectronics, 2017, 94, 456-463.	5.3	40
5	High Signal-to-Background Ratio Detection of Cancer Cells with Activatable Strategy Based on Target-Induced Self-Assembly of Split Aptamers. Analytical Chemistry, 2017, 89, 9347-9353.	3.2	28
6	A fluorescent aptasensor for sensitive detection of human hepatocellular carcinoma SMMC-7721 cells based on graphene oxide. Analytical Methods, 2014, 6, 6809-6814.	1.3	26
7	Enhanced visualization of cell surface glycansviaa hybridization chain reaction. Chemical Communications, 2019, 55, 6114-6117.	2.2	15
8	Highly sensitive and specific detection of tumor cells based on a split aptamer-triggered dual hybridization chain reaction. Analyst, The, 2020, 145, 2676-2681.	1.7	14
9	Cloperastine inhibits esophageal squamous cell carcinoma proliferation in vivo and in vitro by suppressing mitochondrial oxidative phosphorylation. Cell Death Discovery, 2021, 7, 166.	2.0	10
10	Intramolecular trigger remodeling-induced HCR for amplified detection of protein-specific glycosylation. Talanta, 2020, 215, 120889.	2.9	8
11	Evolution of DNA aptamers against esophageal squamous cell carcinoma using cell-SELEX. Analyst, The, 2021, 146, 4180-4187.	1.7	7
12	DNA polymerase Î² deficiency promotes the occurrence of esophageal precancerous lesions in mice. Neoplasia, 2021, 23, 663-675.	2.3	5
13	Imaging specific cell-surface sialylation using DNA dendrimer-assisted FRET. Talanta, 2022, 243, 123399.	2.9	4