

Fulai Li

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

466
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

584
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitive Detection of <i>Staphylococcus aureus</i> with Vancomycin-Conjugated Magnetic Beads as Enrichment Carriers Combined with Flow Cytometry. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21464-21472.	8.0	88
2	Vancomycin modified PEGylated-magnetic nanoparticles combined with PCR for efficient enrichment and detection of <i>Listeria monocytogenes</i> . <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 546-555.	7.8	59
3	Folic Acid Targeting for Efficient Isolation and Detection of Ovarian Cancer CTCs from Human Whole Blood Based on Two-Step Binding Strategy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 14055-14062.	8.0	52
4	Folic acid conjugated magnetic iron oxide nanoparticles for nondestructive separation and detection of ovarian cancer cells from whole blood. <i>Biomaterials Science</i> , 2016, 4, 159-166.	5.4	50
5	Biotin-exposure-based immunomagnetic separation coupled with nucleic acid lateral flow biosensor for visibly detecting viable <i>Listeria monocytogenes</i> . <i>Analytica Chimica Acta</i> , 2018, 1017, 48-56.	5.4	50
6	Two-step large-volume magnetic separation combined with PCR assay for sensitive detection of <i>Listeria monocytogenes</i> in pasteurized milk. <i>Journal of Dairy Science</i> , 2017, 100, 7883-7890.	3.4	39
7	Affordable and simple method for separating and detecting ovarian cancer circulating tumor cells using BSA coated magnetic nanoprobe modified with folic acid. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 611-618.	7.8	33
8	Polyamidoamine (PAMAM) dendrimer-mediated biotin amplified immunomagnetic separation method coupled with flow cytometry for viable <i>Listeria monocytogenes</i> detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 286-294.	7.8	30
9	Nondestructive capture, release, and detection of circulating tumor cells with cystamine-mediated folic acid decorated magnetic nanospheres. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9971-9979.	5.8	20
10	Magnetic particles as promising circulating tumor cell catchers assisting liquid biopsy in cancer diagnosis: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 145, 116453.	11.4	18
11	A sensitive and rapid detection of glutathione based on a fluorescence-enhanced "turn-on" strategy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3563-3572.	5.8	15
12	Size effects of magnetic beads in circulating tumour cells magnetic capture based on streptavidin-biotin complexation. <i>IET Nanobiotechnology</i> , 2019, 13, 6-11.	3.8	12