Lina Wu

List of Publications by Year
in descending order

29 papers	1,435 citations	471509 17 h-index	454955 30 g-index
30 all docs	30 docs citations	30 times ranked	2428 citing authors

#	Article	IF	Citations
1	Quantitative Assessment of the Physical Virus Titer and Purity by Ultrasensitive Flow Virometry. Angewandte Chemie, 2021, 133, 9437-9442.	2.0	3
2	Quantitative Assessment of the Physical Virus Titer and Purity by Ultrasensitive Flow Virometry. Angewandte Chemie - International Edition, 2021, 60, 9351-9356.	13.8	21
3	Multiplexed detection of bacterial pathogens based on a cocktail of dual-modified phages. Analytica Chimica Acta, 2021, 1166, 338596.	5.4	15
4	High-Throughput Human Telomere Length Analysis at the Single-Chromosome Level by FISH Coupled with Nano-Flow Cytometry. Analytical Chemistry, 2021, 93, 9531-9540.	6.5	2
5	Dual-fluorescent bacterial two-hybrid system for quantitative Proteinâ€“Protein interaction measurement via flow cytometry. Talanta, 2021, 233, 122549.	5.5	1
6	Label-Free Detection of Bacteria in Fruit Juice by Nano-Flow Cytometry. Analytical Chemistry, 2020, 92, 2393-2400.	6.5	22
7	Quality and efficiency assessment of six extracellular vesicle isolation methods by nanoâ€flow cytometry. Journal of Extracellular Vesicles, 2020, 9, 1697028.	12.2	353
8	Interface Engineering of Cubic Zinc Metatitanate as an Excellent Electron Transport Material for Stable Perovskite Solar Cells. Solar Rrl, 2020, 4, 1900533.	5.8	12
9	Insights into the Li incorporation effect in Ni/Co-free P2-type Na_{0.6}Mn_{0.8}Cu_{0.2}O₂ for sodium-ion batteries. Journal of Materials Chemistry A, 2020, 8, 22346-22355.	10.3	10
10	Ultralowâ€Strain Znâ€Substituted Layered Oxide Cathode with Suppressed P2â€“O2 Transition for Stable Sodium Ion Storage. Advanced Functional Materials, 2020, 30, 1910327.	14.9	110
11	Rapid quantification of pathogenic Salmonella Typhimurium and total bacteria in eggs by nano-flow cytometry. Talanta, 2020, 217, 121020.	5.5	13
12	Deciphering the Antitoxin-Regulated Bacterial Stress Response via Single-Cell Analysis. ACS Chemical Biology, 2019, 14, 2859-2866.	3.4	4
13	Protein Profiling and Sizing of Extracellular Vesicles from Colorectal Cancer Patients via Flow Cytometry. ACS Nano, 2018, 12, 671-680.	14.6	333
14	A dual-targeting DNA tetrahedron nanocarrier for breast cancer cell imaging and drug delivery. Talanta, 2018, 179, 356-363.	5.5	81
15	Flow Cytometric Single-Cell Analysis for Quantitative in Vivo Detection of Proteinâ€“Protein Interactions via Relative Reporter Protein Expression Measurement. Analytical Chemistry, 2017, 89, 2782-2789.	6.5	7
16	Rapid quantification of live/dead lactic acid bacteria in probiotic products using high-sensitivity flow cytometry. Methods and Applications in Fluorescence, 2017, 5, 024002.	2.3	29
17	Circulating microRNA-422a is associated with lymphatic metastasis in lung cancer. Oncotarget, 2017, 8, 42173-42188.	1.8	33
18	Labelâ€Free Analysis of Single Viruses with a Resolution Comparable to That of Electron Microscopy and the Throughput of Flow Cytometry. Angewandte Chemie, 2016, 128, 10395-10399.	2.0	9

#	Article	IF	Citations
19	Labelâ€Free Analysis of Single Viruses with a Resolution Comparable to That of Electron Microscopy and the Throughput of Flow Cytometry. Angewandte Chemie - International Edition, 2016, 55, 10239-10243.	13.8	58
20	Specific detection of live Escherichia coli O157:H7 using tetracysteine-tagged PP01 bacteriophage. Biosensors and Bioelectronics, 2016, 86, 102-108.	10.1	29
21	Applications and challenges for single-bacteria analysis by flow cytometry. Science China Chemistry, 2016, 59, 30-39.	8.2	36
22	Probing minority population of antibiotic-resistant bacteria. Biosensors and Bioelectronics, 2016, 80, 323-330.	10.1	22
23	A genome-wide association study identifies WT1 variant with better response to 5-fluorouracil, pirarubicin and cyclophosphamide neoadjuvant chemotherapy in breast cancer patients. Oncotarget, 2016, 7, 5042-5052.	1.8	9
24	Rapid detection and enumeration of total bacteria in drinking water and tea beverages using a laboratory-built high-sensitivity flow cytometer. Analytical Methods, 2015, 7, 3072-3079.	2.7	20
25	Trace Detection of Specific Viable Bacteria Using Tetracysteine-Tagged Bacteriophages. Analytical Chemistry, 2014, 86, 907-912.	6.5	25
26	High-throughput single-cell analysis of low copy number Î²-galactosidase by a laboratory-built high-sensitivity flow cytometer. Biosensors and Bioelectronics, 2013, 48, 49-55.	10.1	11
27	Detection and Quantification of Bacterial Autofluorescence at the Single-Cell Level by a Laboratory-Built High-Sensitivity Flow Cytometer. Analytical Chemistry, 2012, 84, 1526-1532.	6.5	54
28	Sensitive and Selective Bacterial Detection Using Tetracysteineâ€Tagged Phages in Conjunction with Biarsenical Dye. Angewandte Chemie - International Edition, 2011, 50, 5873-5877.	13.8	40
29	Development of an Ultrasensitive Dual-Channel Flow Cytometer for the Individual Analysis of Nanosized Particles and Biomolecules. Analytical Chemistry, 2009, 81, 2555-2563.	6.5	70