

Lidan Wu

List of Publications by Year in descending order

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13
papers

1,151
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

1843
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-fast, label-free isolation of circulating tumor cells from blood using spiral microfluidics. <i>Nature Protocols</i> , 2016, 11, 134-148.	12.0	439
2	Spiral microchannel with rectangular and trapezoidal cross-sections for size based particle separation. <i>Scientific Reports</i> , 2013, 3, 1475.	3.3	230
3	Separation of Leukocytes from Blood Using Spiral Channel with Trapezoid Cross-Section. <i>Analytical Chemistry</i> , 2012, 84, 9324-9331.	6.5	191
4	Large-Volume Microfluidic Cell Sorting for Biomedical Applications. <i>Annual Review of Biomedical Engineering</i> , 2015, 17, 1-34.	12.3	96
5	Simultaneous detection of genotype and phenotype enables rapid and accurate antibiotic susceptibility determination. <i>Nature Medicine</i> , 2019, 25, 1858-1864.	30.7	85
6	Single Cell Analysis of Leukocyte Protease Activity Using Integrated Continuous-Flow Microfluidics. <i>Analytical Chemistry</i> , 2016, 88, 11750-11757.	6.5	25
7	Continuous and High-Throughput Electromechanical Lysis of Bacterial Pathogens Using Ion Concentration Polarization. <i>Analytical Chemistry</i> , 2018, 90, 872-880.	6.5	20
8	High-throughput protease activity cytometry reveals dose-dependent heterogeneity in PMA-mediated ADAM17 activation. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 513-524.	1.3	18
9	Tunable Membranes for Free-Flow Zone Electrophoresis in PDMS Microchip Using Guided Self-Assembly of Silica Microbeads. <i>Analytical Chemistry</i> , 2013, 85, 11695-11699.	6.5	15
10	The Expression and Characterization of Functionally Active Soluble CD83 by <i>Pichia pastoris</i> Using High-Density Fermentation. <i>PLoS ONE</i> , 2014, 9, e89264.	2.5	12
11	Rapid identification and phylogenetic classification of diverse bacterial pathogens in a multiplexed hybridization assay targeting ribosomal RNA. <i>Scientific Reports</i> , 2019, 9, 4516.	3.3	11
12	Production and characterization of recombinant 9 and 15 kDa granulysin by fed-batch fermentation in <i>Pichia pastoris</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 7669-7677.	3.6	9
13	Microfluidic Probes for Single-Cell Proteomic Analysis. , 0, , 221-248.		0