

Naveen Ramalingam

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,491
citations

759055

12
h-index

940416

16
g-index

18
all docs

18
docs citations

18
times ranked

2785
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-coverage single-cell mRNA sequencing reveals cellular heterogeneity and activated signaling pathways in developing cerebral cortex. <i>Nature Biotechnology</i> , 2014, 32, 1053-1058.	9.4	850
2	Real-time PCR microfluidic devices with concurrent electrochemical detection. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2131-2136.	5.3	117
3	C1 CAGE detects transcription start sites and enhancer activity at single-cell resolution. <i>Nature Communications</i> , 2019, 10, 360.	5.8	102
4	Micro air bubble formation and its control during polymerase chain reaction (PCR) in polydimethylsiloxane (PDMS) microreactors. <i>Journal of Micromechanics and Microengineering</i> , 2007, 17, 2055-2064.	1.5	81
5	Real-time PCR-based microfluidic array chip for simultaneous detection of multiple waterborne pathogens. <i>Sensors and Actuators B: Chemical</i> , 2010, 145, 543-552.	4.0	62
6	Microfluidic devices harboring unsealed reactors for real-time isothermal helicase-dependent amplification. <i>Microfluidics and Nanofluidics</i> , 2009, 7, 325.	1.0	53
7	Single-cell profiling approaches to probing tumor heterogeneity. <i>International Journal of Cancer</i> , 2016, 139, 243-255.	2.3	52
8	Real-time PCR array chip with capillary-driven sample loading and reactor sealing for point-of-care applications. <i>Biomedical Microdevices</i> , 2009, 11, 1007-1020.	1.4	41
9	Microfluidic handling of PCR solution and DNA amplification on a reaction chamber array biochip. <i>Biomedical Microdevices</i> , 2006, 8, 167-176.	1.4	40
10	Future of Liquid Biopsies With Growing Technological and Bioinformatics Studies: Opportunities and Challenges in Discovering Tumor Heterogeneity With Single-Cell Level Analysis. <i>Cancer Journal (Sudbury, Mass)</i> , 2018, 24, 104-108.	1.0	34
11	Rapid distribution of a liquid column into a matrix of nanoliter wells for parallel real-time quantitative PCR. <i>Sensors and Actuators B: Chemical</i> , 2009, 135, 671-677.	4.0	22
12	Fluidic Logic Used in a Systems Approach to Enable Integrated Single-Cell Functional Analysis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2016, 4, 70.	2.0	19
13	Numerical and experimental study of capillary-driven flow of PCR solution in hybrid hydrophobic microfluidic networks. <i>Biomedical Microdevices</i> , 2016, 18, 68.	1.4	8
14	Acetylated bovine serum albumin differentially inhibits polymerase chain reaction in microdevices. <i>Biomicrofluidics</i> , 2017, 11, 034110.	1.2	6
15	MICROFLUIDIC FLOW-THROUGH REACTOR WITH ELECTROCHEMICAL SENSOR ARRAY FOR REAL-TIME PCR. <i>Modern Physics Letters B</i> , 2009, 23, 369-372.	1.0	1
16	Simultaneous DNA amplification and detection using an electrode array. , 2009, , .		0
17	Abstract LB-327: Isolation and mRNA-seq analysis of single CTCs from blood samples using an integrated fluidic circuit for functional single cell studies. , 2016, , .		0