

Dong Jin Shin

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

548
citations

759233

12
h-index

1058476

14
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18
all docs

18
docs citations

18
times ranked

731
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerating bacterial growth detection and antimicrobial susceptibility assessment in integrated picoliter droplet platform. <i>Biosensors and Bioelectronics</i> , 2017, 97, 260-266.	10.1	112
2	Topography-assisted electromagnetic platform for blood-to-PCR in a droplet. <i>Biosensors and Bioelectronics</i> , 2013, 50, 91-99.	10.1	89
3	Point-of-Care Sexually Transmitted Infection Diagnostics: Proceedings of the STAR Sexually Transmitted Infection Clinical Trial Group Programmatic Meeting. <i>Sexually Transmitted Diseases</i> , 2017, 44, 211-218.	1.7	50
4	Sample-to-Answer Droplet Magnetofluidic Platform for Point-of-Care Hepatitis C Viral Load Quantitation. <i>Scientific Reports</i> , 2018, 8, 9793.	3.3	49
5	Magnetic Droplet Manipulation Platforms for Nucleic Acid Detection at the Point of Care. <i>Annals of Biomedical Engineering</i> , 2014, 42, 2289-2302.	2.5	48
6	Emerging Analytical Techniques for Rapid Pathogen Identification and Susceptibility Testing. <i>Annual Review of Analytical Chemistry</i> , 2019, 12, 41-67.	5.4	45
7	Serial dilution via surface energy trap-assisted magnetic droplet manipulation. <i>Lab on A Chip</i> , 2013, 13, 4827.	6.0	31
8	Novel droplet platforms for the detection of disease biomarkers. <i>Expert Review of Molecular Diagnostics</i> , 2014, 14, 787-801.	3.1	30
9	A droplet microfluidic approach to single-stream nucleic acid isolation and mutation detection. <i>Microfluidics and Nanofluidics</i> , 2014, 17, 425-430.	2.2	22
10	A parallelized microfluidic DNA bisulfite conversion module for streamlined methylation analysis. <i>Biomedical Microdevices</i> , 2016, 18, 5.	2.8	22
11	Direct-qPCR Assay for Coupled Identification and Antimicrobial Susceptibility Testing of <i>Neisseria gonorrhoeae</i> . <i>ACS Infectious Diseases</i> , 2018, 4, 1377-1384.	3.8	20
12	A sample-to-answer droplet magnetofluidic assay platform for quantitative methylation-specific PCR. <i>Biomedical Microdevices</i> , 2018, 20, 31.	2.8	12
13	Droplet Array Platform for High-Resolution Melt Analysis of DNA Methylation Density. <i>Journal of the Association for Laboratory Automation</i> , 2014, 19, 304-312.	2.8	9
14	Healthcare Worker Feedback on a Prototype Smartphone-Based Point-of-Care Test Platform for Use in Episodic Care. <i>Point of Care</i> , 2018, 17, 63-65.	0.4	4
15	Ratiometric PCR in a Portable Sample-to-Result Device for Broad-Based Pathogen Identification. <i>Analytical Chemistry</i> , 0, , .	6.5	4
16	Ratiometric Multiplexed PCR Assay on a Portable Platform for Bacterial Identification from Urine. , 2019, , .		1
17	A mobile phone-operated droplet magnetofluidic assay platform for nucleic acid amplification testing. , 2017, , .		0
18	A portable droplet magnetofluidic platform for automated RNA quantification and analysis. , 2017, , .		0