

Alexander Y Trick

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

408
citations

1170033

9
h-index

1336881

12
g-index

17
all docs

17
docs citations

17
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetofluidic immuno-PCR for point-of-care COVID-19 serological testing. <i>Biosensors and Bioelectronics</i> , 2022, 195, 113656.	5.3	18
2	Point-of-Care Platform for Rapid Multiplexed Detection of SARS-CoV-2 Variants and Respiratory Pathogens. <i>Advanced Materials Technologies</i> , 2022, 7, 2101013.	3.0	18
3	Filtration-assisted magnetofluidic cartridge platform for HIV RNA detection from blood. <i>Lab on A Chip</i> , 2022, 22, 945-953.	3.1	11
4	A Portable Droplet Magnetofluidic Device for Point-of-Care Detection of Multidrug-Resistant <i>Candida auris</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 826694.	2.0	3
5	Digital CRISPR/Cas-Assisted Assay for Rapid and Sensitive Detection of SARS-CoV-2. <i>Advanced Science</i> , 2021, 8, 2003564.	5.6	116
6	High resolution estimates of relative gene abundance with quantitative ratiometric regression PCR (qRR-PCR). <i>Analyst, The</i> , 2021, 146, 6463-6469.	1.7	13
7	A portable magnetofluidic platform for detecting sexually transmitted infections and antimicrobial susceptibility. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	41
8	Portable Magnetofluidic Device for Point-of-Need Detection of African Swine Fever. <i>Analytical Chemistry</i> , 2021, 93, 10940-10946.	3.2	13
9	Point-of-care CRISPR-Cas-assisted SARS-CoV-2 detection in an automated and portable droplet magnetofluidic device. <i>Biosensors and Bioelectronics</i> , 2021, 190, 113390.	5.3	65
10	Facile Coupling of Droplet Magnetofluidic-Enabled Automated Sample Preparation for Digital Nucleic Acid Amplification Testing and Analysis. <i>Analytical Chemistry</i> , 2020, 92, 13254-13261.	3.2	11
11	Ratiometric Multiplexed PCR Assay on a Portable Platform for Bacterial Identification from Urine. , 2019, , .		1
12	Methylation Biomarker Panel Performance in EsophagaCap Cytology Samples for Diagnosing Barrett's Esophagus: A Prospective Validation Study. <i>Clinical Cancer Research</i> , 2019, 25, 2127-2135.	3.2	42
13	Sample-to-Answer Droplet Magnetofluidic Platform for Point-of-Care Hepatitis C Viral Load Quantitation. <i>Scientific Reports</i> , 2018, 8, 9793.	1.6	49
14	A portable droplet magnetofluidic platform for automated RNA quantification and analysis. , 2017, , .		0
15	Ratiometric PCR in a Portable Sample-to-Result Device for Broad-Based Pathogen Identification. <i>Analytical Chemistry</i> , 0, , .	3.2	4