

Alison Burklund

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4056299/publications.pdf>

Version: 2024-02-01

10
papers

321
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

510
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic enrichment of bacteria coupled to contact-free lysis on a magnetic polymer surface for downstream molecular detection. <i>Biomicrofluidics</i> , 2020, 14, 034115.	2.4	10
2	Scalable COVID-19 Detection Enabled by Lab-on-Chip Biosensors. <i>Cellular and Molecular Bioengineering</i> , 2020, 13, 313-329.	2.1	81
3	Advances in diagnostic microfluidics. <i>Advances in Clinical Chemistry</i> , 2020, 95, 1-72.	3.7	37
4	Microfluidics-Based Organism Isolation from Whole Blood: An Emerging Tool for Bloodstream Infection Diagnosis. <i>Annals of Biomedical Engineering</i> , 2019, 47, 1657-1674.	2.5	15
5	Printable QR code paper microfluidic colorimetric assay for screening volatile biomarkers. <i>Biosensors and Bioelectronics</i> , 2019, 128, 97-103.	10.1	32
6	Comprehensive volatile metabolic fingerprinting of bacterial and fungal pathogen groups. <i>Journal of Breath Research</i> , 2018, 12, 026001.	3.0	32
7	Combined immunomagnetic capture coupled with ultrasensitive plasmonic detection of circulating tumor cells in blood. <i>Biomedical Microdevices</i> , 2018, 20, 99.	2.8	10
8	A Microfluidic Platform for Precision Small-volume Sample Processing and Its Use to Size Separate Biological Particles with an Acoustic Microdevice. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	6
9	An Affordable Open-Source Turbidimeter. <i>Sensors</i> , 2014, 14, 7142-7155.	3.8	74
10	Decontamination Options for <i>Bacillus anthracis</i> -Contaminated Drinking Water Determined from Spore Surrogate Studies. <i>Applied and Environmental Microbiology</i> , 2010, 76, 6631-6638.	3.1	24