

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

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h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

510
citing authors

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