

Joshua Buser

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

667
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

935
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding partial saturation in paper microfluidics enables alternative device architectures. <i>Analytical Methods</i> , 2019, 11, 336-345.	2.7	12
2	An integrated device for the rapid and sensitive detection of the influenza hemagglutinin. <i>Lab on A Chip</i> , 2019, 19, 885-896.	6.0	14
3	A rapid, instrument-free, sample-to-result nucleic acid amplification test. <i>Lab on A Chip</i> , 2016, 16, 3777-3787.	6.0	141
4	Comparison of point-of-care-compatible lysis methods for bacteria and viruses. <i>Journal of Microbiological Methods</i> , 2016, 128, 80-87.	1.6	27
5	A disposable chemical heater and dry enzyme preparation for lysis and extraction of DNA and RNA from microorganisms. <i>Analytical Methods</i> , 2016, 8, 2880-2886.	2.7	31
6	One-step purification and concentration of DNA in porous membranes for point-of-care applications. <i>Lab on A Chip</i> , 2015, 15, 2647-2659.	6.0	75
7	A versatile valving toolkit for automating fluidic operations in paper microfluidic devices. <i>Lab on A Chip</i> , 2015, 15, 1432-1444.	6.0	128
8	Electromechanical cell lysis using a portable audio device: enabling challenging sample preparation at the point-of-care. <i>Lab on A Chip</i> , 2015, 15, 1994-1997.	6.0	19
9	Precision chemical heating for diagnostic devices. <i>Lab on A Chip</i> , 2015, 15, 4423-4432.	6.0	26
10	Design of a New Type of Compact Chemical Heater for Isothermal Nucleic Acid Amplification. <i>PLoS ONE</i> , 2015, 10, e0139449.	2.5	13
11	Swab Sample Transfer for Point-Of-Care Diagnostics: Characterization of Swab Types and Manual Agitation Methods. <i>PLoS ONE</i> , 2014, 9, e105786.	2.5	38
12	Tunable-Delay Shunts for Paper Microfluidic Devices. <i>Analytical Chemistry</i> , 2013, 85, 11545-11552.	6.5	143