

Joshua D Bishop

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

490
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

746
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Fluorophore Mobile Phone Imaging of Biplexed Real-Time NAATs Overcomes Optical Artifacts in Highly Scattering Porous Media. <i>Analytical Chemistry</i> , 2020, 92, 13066-13072.	6.5	9
2	Sensitivity enhancement in lateral flow assays: a systems perspective. <i>Lab on A Chip</i> , 2019, 19, 2486-2499.	6.0	148
3	Understanding partial saturation in paper microfluidics enables alternative device architectures. <i>Analytical Methods</i> , 2019, 11, 336-345.	2.7	12
4	Enabling lateral transport of genomic DNA through porous membranes for point-of-care applications. <i>Analytical Methods</i> , 2017, 9, 3450-3463.	2.7	7
5	A rapid, instrument-free, sample-to-result nucleic acid amplification test. <i>Lab on A Chip</i> , 2016, 16, 3777-3787.	6.0	141
6	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
7	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
8	Precision chemical heating for diagnostic devices. <i>Lab on A Chip</i> , 2015, 15, 4423-4432.	6.0	26
9	Characterization of a biomolecular fuel delivery device under load. , 2012, , .		1
10	An Improved Autonomous DNA Nanomotor. <i>Nano Letters</i> , 2007, 7, 2574-2577.	9.1	39
11	Collective Sensing with Self-Organizing Robots. , 2006, , .		1