

# Joshua D Bishop

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3678363/publications.pdf>

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	Sensitivity enhancement in lateral flow assays: a systems perspective. Lab on A Chip, 2019, 19, 2486-2499.	6.0	148
2	A rapid, instrument-free, sample-to-result nucleic acid amplification test. Lab on A Chip, 2016, 16, 3777-3787.	6.0	141
3	One-step purification and concentration of DNA in porous membranes for point-of-care applications. Lab on A Chip, 2015, 15, 2647-2659.	6.0	75
4	An Improved Autonomous DNA Nanomotor. Nano Letters, 2007, 7, 2574-2577.	9.1	39
5	A disposable chemical heater and dry enzyme preparation for lysis and extraction of DNA and RNA from microorganisms. Analytical Methods, 2016, 8, 2880-2886.	2.7	31
6	Precision chemical heating for diagnostic devices. Lab on A Chip, 2015, 15, 4423-4432.	6.0	26
7	Understanding partial saturation in paper microfluidics enables alternative device architectures. Analytical Methods, 2019, 11, 336-345.	2.7	12
8	Two-Fluorophore Mobile Phone Imaging of Bplexed Real-Time NAATs Overcomes Optical Artifacts in Highly Scattering Porous Media. Analytical Chemistry, 2020, 92, 13066-13072.	6.5	9
9	Enabling lateral transport of genomic DNA through porous membranes for point-of-care applications. Analytical Methods, 2017, 9, 3450-3463.	2.7	7
10	Collective Sensing with Self-Organizing Robots. , 2006, , .		1
11	Characterization of a biomolecular fuel delivery device under load. , 2012, , .		1