

Gregory A Cooksey

List of Publications by Year in descending order

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18
papers

527
citations

840776
11
h-index

996975
15
g-index

18
all docs

18
docs citations

18
times ranked

838
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-purpose microfluidic perfusion system with combinatorial choice of inputs, mixtures, gradient patterns, and flow rates. Lab on A Chip, 2009, 9, 417-426.	6.0	110
2	High resolution fluorescence imaging with cantilevered near-field fiber optic probes. Applied Physics Letters, 1996, 69, 3809-3811.	3.3	73
3	Large-scale investigation of the olfactory receptor space using a microfluidic microwell array. Lab on A Chip, 2010, 10, 1120.	6.0	73
4	A robust diffusion-based gradient generator for dynamic cell assays. Lab on A Chip, 2012, 12, 309-316.	6.0	60
5	Magnetic connectors for microfluidic applications. Lab on A Chip, 2010, 10, 246-249.	6.0	43
6	Reproducibility and Robustness of a Real-Time Microfluidic Cell Toxicity Assay. Analytical Chemistry, 2011, 83, 3890-3896.	6.5	33
7	Microfluidic circuits with tunable flow resistances. Applied Physics Letters, 2006, 89, 164105.	3.3	32
8	Pneumatic valves in folded 2D and 3D fluidic devices made from plastic films and tapes. Lab on A Chip, 2014, 14, 1665-1668.	6.0	28
9	A vacuum manifold for rapid world-to-chip connectivity of complex PDMS microdevices. Lab on A Chip, 2009, 9, 1298.	6.0	26
10	An automated protocol for performance benchmarking a widefield fluorescence microscope. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2014, 85, 978-985.	1.5	25
11	Dynamic Measurement of Nanoflows: Realization of an Optofluidic Flow Meter to the Nanoliter-per-Minute Scale. Analytical Chemistry, 2019, 91, 10713-10722.	6.5	15
12	Characterization of Collagen Fibrils Films Formed on Polydimethylsiloxane Surfaces for Microfluidic Applications. Langmuir, 2010, 26, 14111-14117.	3.5	4
13	Optofluidic flow meter for sub-nanoliter per minute flow measurements. Journal of Biomedical Optics, 2022, 27, .	2.6	3
14	Research Spotlight: Measurement and validation of cell-based assays with microfluidics at the National Institute of Standards and Technology. Bioanalysis, 2012, 4, 1849-1854.	1.5	1
15	Measuring microfluidic flow rates: Monotonicity, convexity, and uncertainty. Applied Mathematics Letters, 2021, 112, 106694.	2.7	1
16	The Art in Science of MicroTAS 2018. Lab on A Chip, 2019, 19, 2058-2059.	6.0	0
17	The Art in Science of MicroTAS 2019. Lab on A Chip, 2020, 20, 2604-2606.	6.0	0
18	The Art in Science of MicroTAS 2020. Lab on A Chip, 0, , .	6.0	0