

Gregory A Cooksey

List of Publications by Year in descending order

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18
papers

527
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840776

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times ranked

838
citing authors

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